

Oracle[®] Applications Product Update Notes

Release 11

Part No. A57984-01

ORACLE[®]

Enabling the Information Age[™]

Oracle Applications Product Update Notes,
Release 11

Part No. A57984-01

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Preface

This manual contains information about new features included in Release 11 and Release 10 SmartClient of Oracle Applications products. It also describes the changes made to database objects, profile options, and seed data for the same interval. This preface explains how to use this manual and describes the conventions used throughout.

Intended Audience

This manual is written for the persons responsible for upgrading Oracle Applications products:

- MIS Manager

The applications developer at your site. This person's responsibilities include maintaining custom applications.

- DBA

The Oracle Server Database Administrator maintains the Oracle Server database and has access to the SYSTEM and SYS accounts.

- Applications Administrator

The Oracle Applications System Administrator has SYSADMIN responsibility within Oracle Applications.

- Product Managers

Product managers, such as the Payables Manager, the Personnel Manager, and the Purchasing Manager, are responsible for implementing the Oracle Applications products.

How to Use This Manual

Use this manual as you plan the upgrade of your Oracle Applications products to Release 11. It will help you determine what changes you need to make to your customizations after the upgrade.

The chapters in this manual are arranged in alphabetic order by product name. Some include update information about both Oracle Financials and Oracle Government Financials Applications. For example, the Oracle General Ledger Applications chapter includes information about both Oracle General Ledger and Oracle Government General Ledger. In general, each chapter is divided into two major sections:

Release 11 Features and Changes

Lists the features that have been added or changed for a specific Oracle Applications product between Production Release 16.1 and Release 11.

Production Release 10SC Features and Changes

Lists the features that have been added or changed for a specific Oracle Applications product between Production 1 (or the Production release that first included the product) and Production 15. Separate sections list

enhancements made between Release 10.7 and Release 10 SC Production 16 and between Production 16 and Production 16.1.

Each section contains information about the following:

- New Features
- Modules
- Database Objects
- Seed Data
- Profile Options



Attention: This manual lists database changes that may affect customizations. It does not provide an exhaustive account of all changes. Refer to the Oracle Applications technical reference manuals for full information about database structures.

Related Documents

All the documentation related to Release 11 of Oracle Applications is included on the Oracle Applications Document Library CD, which is supplied with the Oracle Applications Product CD. You can purchase additional sets of printed and online documentation for Oracle software products from the Oracle Documentation Sales department.

In addition to these *Oracle Applications Product Update Notes*, you may need the following manuals as you install or upgrade to Oracle Applications Release 11:

- *Oracle Applications Installation Manual, Release 11*
- *Oracle Applications Upgrade Manual, Release 11*
- *Oracle Applications Database Changes Manual, Release 11*
- *Oracle Self Service Applications User's Guide*
- *Oracle Workflow Guide*
- *Oracle Web Applications Dictionary User's Guide*
- *Oracle Self Service Applications Installation Manual*

Conventions

We recommend that you review the following typographical conventions used in this manual before you install or upgrade an Oracle Applications system:

<i>Convention</i>	<i>Meaning</i>
Monospace text	Command line text. Type this text exactly as shown.
<>	Text enclosed in angle brackets represents a variable. Substitute an appropriate value for the variable text. Do not type the angle brackets.
Uppercase text	Indicates a name of an Oracle user ID, table, view, synonym, or column. For example, AP_CHECK_FORMATS is a table name.
Additional Information:	Refers to another manual where you may find more information on a topic.

Your Comments are Welcome

Thank you for using Oracle Applications and the *Oracle Applications Product Update Notes*. We appreciate comments and feedback from our Oracle Applications users. Please use the Reader's Comment form at the end of this manual to explain what you like or dislike about Oracle Applications or this manual. Mail your comments to the following address:

Oracle Applications Release Group
Oracle Corporation
500 Oracle Parkway
M/S 3OP4
Redwood City, CA 94065

Oracle Alert

This chapter lists new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Alert and the changes made to modules, database objects, seed data, and profile options.

Note: There were no changes to Release 10 SmartClient of Oracle Alert.

Release 11 Features and Changes

This section lists the features added to or changed in Oracle Alert between Release 10SC Production 16 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made between Release 10SC Production 16 and Release 11.

Multiple Organization Support

Several enhancements to this release make it possible to support multiple organizations in your Oracle Applications installation. You can now specify the organization you want to check an alert against.

- The Installations alternative region in the Alert Details window of the Alerts form contains a new field called Organization Name. Use this field to identify the organization in the Oracle applications schema that you want an alert to run against.
- Oracle Alert now supplies the value for a new implicit input called :ORG_ID. Its value is the organization ID that is selected when the alert runs.
- The message handle for alert messages that require a response is extended to include the Oracle ID and the organization ID of the Oracle Applications schema and organization that the alert runs against. The message handle format is as follows:

```
Message_#:<Oracle_Alert_installation_number.  
message_number.Oracle_ID.organization_ID>
```

Windows NT Mail Support

Oracle Alert now directly supports integration with Windows NT mail applications that are MAPI-compliant.

Modules

This section lists the enhancements that have been made to Oracle Alert between Release 10SC Production 16 and Release 11.

Changed Windows

Alert Details

The Installations alternative region in the Alert Details window of the Alerts form contains a new field called Organization Name. Use this field to identify the organization in the Oracle applications schema that you want an alert to run against.

Oracle Alert Options

The Oracle Office Options alternative region has been renamed to Mail Database/Server Options in the Oracle Alert Options form. The new Mail Database/Server Options alternative region can now be used to define Oracle InterOffice database and mail accounts, as well as Windows NT mail server and mail accounts.



Oracle Assets

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Assets and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your Assets upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Assets between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Assets between 10SC Production 16.1 and Release 11.

Physical Inventory

Enter physical inventory information, such as data from a bar code reader or a laptop device, through an open interface. You can run the Physical Inventory Comparison Report to determine how this information compares with the asset information in the database. To reconcile any discrepancies generated on the exceptions report, you can add assets that were found during the physical inventory check but that are missing from the production system. You can also transfer assets that are recorded at the wrong location, retire assets that cannot be found, and reinstate assets that were retired incorrectly.

What-if Depreciation

Perform what-if depreciation analysis to optimize asset management. Use this analysis to simulate multiple depreciation scenarios using different combinations of depreciation criteria, such as methods, asset lives, and prorate conventions. You can select assets using various selection criteria, such as range of assets numbers, asset category, and asset description. You can also analyze the effects of expensing versus amortizing a change to an asset's depreciation information. Use the What-If Depreciation Analysis report to view the results. You can use this feature to effectively project depreciation on your existing assets before performing a mass change operation to change the depreciation rules or use this feature to choose the best depreciation strategy for assets not yet added in the system.

Fixed Assets Desktop Integrator (FADI)

Provides an easy upload interface facilitating the flow of data from the desktop to the Oracle Assets system. Currently FADI supports interfaces to upload mass additions and physical inventory data from a Microsoft Excel file. The following wizards are now in production:

<i>Wizard</i>	<i>Function</i>
Asset Wizard	Use to load asset data into the FA_MASS_ADDITIONS interface in Oracle Assets. This is particularly useful in the conversion of data from legacy asset systems into Oracle Assets. This feature may also be used to bridge Oracle Assets with a third party Payables application.
Physical Inventory Wizard	Use to load raw physical inventory data into the FA_INV_INTERFACE table in Oracle Assets. You can then use the standard physical inventory functionality described in the Physical Inventory section to perform reconciliations between the raw data you loaded with the information in the Oracle Assets production system.

Multiple Reporting Currencies (MRC)

With MRC you can report and maintain accounting records at the transaction level, in more than one functional currency. You do this by defining one or more reporting sets of books, in addition to your primary set of books. In your reporting sets of books, you maintain records in a functional currency other than your primary functional currency. You can set up as many reporting sets of books as you decide are necessary and associate them with a primary set of books.

Typically, you use MRC in the following situations:

- You operate in a country with an unstable currency and you need to concurrently report your business in a hard currency.
- Your company is multinational, and you need to report financial information in a common functional currency other than that of the transaction or your primary functional currency.
- You operate in a country that is part of the European Monetary Union (EMU), and you want to concurrently report in Euro in preparation for the single European currency.

Dated Adjustments

Set up your amortized adjustments to have a retroactive start date by changing the default amortization start date (usually the system date) to a date in a previous period. Any adjustment amount missed since the amortization start date is taken in the current period.

Lease Amortization Schedule

View the principal and interest portions of the minimum lease payments in the new lease amortization schedule.

Asset Warranties

Define and track descriptive information on manufacturer and vendor warranties using the Asset Warranties window. You can then assign assets to these previously defined warranties using the Asset Details window. You can assign any number of assets to the same warranty.

Depreciating Assets Beyond the Useful Life

Depreciate the salvage value of an asset following the asset's useful life, which was specified when the asset was added. You can set up salvage value depreciation for the asset over a certain number of years. The number of years you select determines the rate at which the salvage value of the asset depreciates.

Mass Retirements Enhancement

The criteria available to select assets for mass retirement has been expanded to include fully reserved assets and asset cost range. The Asset Type now includes Expensed Assets.

View Financial Information Window

View the remaining life of an asset in the Financial Inquiry window and the Asset Workbench.

Assignments Window

View the unit of measure, if one has been defined, in the Assignments window.

Modules

New Windows

Added to support Physical Inventory:

- Find Physical Inventory Comparison
- Physical Inventory
- Physical Inventory Comparison
- Inventory Entries
- Run Comparison

Added to support What-If Depreciation:

What-If Analysis

Added to support Lease Amortization:

Amortization Schedule

Added to support Asset Warranties:

Asset Warranties

Added to support Depreciating Assets Beyond their Useful Life:

Set Extended Life

Changed Windows

Changed to include asset warranty numbers:

Asset Details

Changed to include the amortization start date:

Books

Changed to include units of measure:

Assignments

Changed to include the In Physical Inventory checkbox:

Asset Categories

Asset Details

Mass Additions (Asset, Depreciation alternative region)

Changed to include the remaining life of an asset:

View Financial Information

Changed to include the Amortize Adjustments check box:

Mass Changes

Changed to show asset cost range and to include Yes and No check boxes that indicate whether an asset is fully reserved. In addition, the Asset Type field now includes Expensed assets.

Mass Retirement

New Reports and Processes

The following new Report eXchange reports were added:

Capitalizations Report
Physical Inventory Comparison Report
Physical Inventory Missing Assets Report
What-If Depreciation Analysis Report
Asset Cost Balance Report
CIP Cost Balance Report
Cost Clearing Reconciliation Report
Reserve Ledger Report
Accumulated Depreciation Balance Report
Revaluation Reserve Balance Report
Property Tax Report
Additions by Date Placed in Service Report
Additions by Period Report
Additions by Responsibility Reports
Mass Additions Report
Cost Adjustments Report
Transfers Report
Reclassifications Report
Retirements Report

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures. Full information about these new database objects is included in the Release 11 Technical Reference Manual.

New Tables

Created to support lease amortization schedules:

FA_AMORT_SCHEDULES

Created to support asset warranties:

FA_WARRANTIES

FA_ADD_WARRANTIES

Created to support the physical inventory feature:

FA_INVENTORY
FA_INV_INTERFACE

Created to support the Multiple Reporting Currencies feature:

FA_MC_ADJUSTMENTS
FA_MC_ASSET_INVOICES
FA_MC_BOOKS
FA_MC_BOOKS_RATES
FA_MC_BOOK_CONTROLS
FA_MC_DEFERRED_DEPRN
FA_MC_DEPRN_DETAIL
FA_MC_DEPRN_PERIODS
FA_MC_DEPRN_SUMMARY
FA_MC_MASS_RATES
FA_MC_RETIREMENTS

Created to support Report eXchange:

FA_ADDITION_REP_ITF
FA_ADJUST_REP_ITF
FA_BALANCES_REP_ITF
FA_CAP_REP_ITF
FA_COSTCLEAR_REP_ITF
FA_DEPRN_REP_ITF
FA_MASSADD_REP_ITF
FA_PROJECT_REP_ITF
FA_PROPTAX_REP_ITF
FA_RECLASS_REP_ITF
FA_RETIRE_REP_ITF
FA_TRANSFER_REP_ITF
FA_INVMISS_REP_ITF
FA_WHATIF_ITF
FA_RX_LOV
FA_RX_ATTRSETS
FA_RX_DYNAMIC_COLUMNS

Changed Tables

These tables were modified to include new or remove obsolete columns.

Modified Table	New Column(s)
FA_ADDITIONS	INVENTORIAL
FA_PERIOD_MAPS	CREATED_BY CREATION_DATE LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN
FA_CATEGORIES	INVENTORIAL
FA_BOOK_CONTROLS	MC_SOURCE_FLAG REVAL_YTD_DEPRN_FLAG
FA_MASS_ADDITIONS	INVENTORIAL
FA_MASS_REVALUATIONS	GLOBAL_ATTRIBUTE1 GLOBAL_ATTRIBUTE2 GLOBAL_ATTRIBUTE3 GLOBAL_ATTRIBUTE4 GLOBAL_ATTRIBUTE5 GLOBAL_ATTRIBUTE6 GLOBAL_ATTRIBUTE7 GLOBAL_ATTRIBUTE8 GLOBAL_ATTRIBUTE9 GLOBAL_ATTRIBUTE10 GLOBAL_ATTRIBUTE11 GLOBAL_ATTRIBUTE12 GLOBAL_ATTRIBUTE13 GLOBAL_ATTRIBUTE14 GLOBAL_ATTRIBUTE15 GLOBAL_ATTRIBUTE16 GLOBAL_ATTRIBUTE17 GLOBAL_ATTRIBUTE18 GLOBAL_ATTRIBUTE19 GLOBAL_ATTRIBUTE20 GLOBAL_ATTRIBUTE_CATEGORY
FA_MASS_RETIREMENTS	FROM_COST INCLUDE_FULLY_RSVD_FLAG

Modified Table	New Column(s)
	TO_COST
FA_BONUS_RATES	CREATED_BY CREATION_DATE
FA_FLAT_RATES	CREATED_BY CREATION_DATE
FA_RX_REPORTS	CONCURRENT_PROGRAM_NAME CONCURRENT_PROGRAM_FLAG SELECT_PROGRAM_NAME RESPONSIBILITY_ID VERSION_NUMBER
FA_RX_REP_COLUMNS	ATTRIBUTE_SET BREAK ATTRIBUTE_COUNTER
FA_RX_REP_PARAMETERS	PARAMETER_COUNTER COLUMN_NAME RELATIONAL_OP

The following database table columns have been resized.

Table Name	Column Name	New Size
FA_ADDITIONS	CURRENT_UNITS	NUMBER
FA_ASSET_HISTORY	UNITS	NUMBER
FA_ASSET_INVOICES	PAYABLES_UNITS	NUMBER
FA_DELETED_MASS_ADDITIONS	PAYABLES_UNITS	NUMBER
FA_MASS_ADDITIONS	FIXED_ASSETS_UNITS	NUMBER
FA_METHODS	NAME	VARCHAR 2(80)
FA_RESERVE_LEDGER	LIFE	NUMBER (6)
FA_RETIREMENTS	UNITS	NUMBER

New Views

Created to support the physical inventory feature :

FA_INVENTORY_V
FA_INV_INTERFACE_V

Created to support the Multiple Reporting Currencies feature :

FA_ADJUSTMENTS_MRC_V
 FA_ASSET_INVOICES_MRC_V
 FA_BOOKS_MRC_V
 FA_BOOK_CONTROLS_MRC_V
 FA_DEFERRED_DEPRN_MRC_V
 FA_DEPRN_DETAIL_MRC_V
 FA_DEPRN_PERIODS_MRC_V
 FA_DEPRN_SUMMARY_MRC_V
 FA_RETIREMENTS_MRC_V

Created to support Report eXchange :

FA_RX_REP_PARAMETERS_V
 FA_RX_CR_REPORTS_V
 FA_RX_NOCR_REPORTS_V

New Indexes

Index	Table	Referenced Column(s)
FA_ASSET_INVOICES_N6	FA_ASSET_INVOICES	PROJECT_ASSET_LINE_ID
FA_ASSET_INVOICES_N7	FA_ASSET_INVOICES	ASSET_ID ASSET_INVOICE_ID INVOICE_TRANSACTION_ID_IN
FA_MASS_ADDITIONS_N14	FA_MASS_ADDITIONS	TAG_NUMBER
FA_AMORT_SCHEDULES_U1	FA_AMORT_SCHEDULES	PAYMENT_SCHEDULE_ID AMORTIZATION_LINE_NUM
FA_WARRANTIES_U1	FA_WARRANTIES	WARRANTY_ID
FA_ADD_WARRANTIES_U1	FA_ADD_WARRANTIES	WARRANTY_ID ASSET_ID DATE_EFFECTIVE
FA_INVENTORY_U1	FA_INVENTORY	INVENTORY_NAME
FA_MASS_ADDITIONS_N14	FA_MASS_ADDITIONS	TAG_NUMBER
FA_MC_ADJUSTMENTS_N1	FA_MC_ADJUSTMENTS	DISTRIBUTION_ID BOOK_TYPE_CODE PERIOD_COUNTER_CREATED SOURCE_TYPE_CODE ADJUSTMENT_TYPE SET_OF_BOOKS_ID

Index	Table	Referenced Column(s)
FA_MC_ADJUSTMENTS_N2	FA_MC_ADJUSTMENTS	ASSET_ID BOOK_TYPE_CODE PERIOD_COUNTER_CREATED SET_OF_BOOKS_ID
FA_MC_ADJUSTMENTS_N3	FA_MC_ADJUSTMENTS	JE_HEADER_ID JE_LINE_NUM SET_OF_BOOKS_ID
FA_MC_ADJUSTMENTS_N4	FA_MC_ADJUSTMENTS	BOOK_TYPE_CODE PERIOD_COUNTER_CREATED SET_OF_BOOKS_ID
FA_MC_BOOKS_RATES_N1	FA_MC_BOOKS_RATES	SET_OF_BOOKS_ID TRANSACTION_HEADER_ID
FA_MC_BOOKS_RATES_U1	FA_MC_BOOKS_RATES	SET_OF_BOOKS_ID TRANSACTION_HEADER_ID INVOICE_TRANSACTION_ID
FA_MC_DEFERRED_DEPRN_N1	FA_MC_DEFERRED_DEPRN	CORP_BOOK_TYPE_CODE TAX_BOOK_TYPE_CODE EXPENSE_JE_LINE_NUM SET_OF_BOOKS_ID
FA_MC_DEFERRED_DEPRN_N2	FA_MC_DEFERRED_DEPRN	CORP_BOOK_TYPE_CODE TAX_BOOK_TYPE_CODE RESERVE_JE_LINE_NUM SET_OF_BOOKS_ID
FA_MC_DEFERRED_DEPRN_N3	FA_MC_DEFERRED_DEPRN	JE_HEADER_ID EXPENSE_JE_LINE_NUM SET_OF_BOOKS_ID
FA_MC_DEFERRED_DEPRN_N4	FA_MC_DEFERRED_DEPRN	JE_HEADER_ID RESERVE_JE_LINE_NUM SET_OF_BOOKS_ID
FA_MC_DEPRN_DETAIL_N1	FA_MC_DEPRN_DETAIL	ASSET_ID BOOK_TYPE_CODE PERIOD_COUNTER SET_OF_BOOKS_ID
FA_MC_DEPRN_DETAIL_N2	FA_MC_DEPRN_DETAIL	BOOK_TYPE_CODE PERIOD_COUNTER SET_OF_BOOKS_ID

Index	Table	Referenced Column(s)
FA_MC_DEPRN_DETAIL_U1	FA_MC_DEPRN_DETAIL	DISTRIBUTION_ID ASSET_ID BOOK_TYPE_CODE PERIOD_COUNTER SET_OF_BOOKS_ID
FA_MC_DEPRN_PERIODS_U1	FA_MC_DEPRN_PERIODS	BOOK_TYPE_CODE PERIOD_NAME SET_OF_BOOKS_ID
FA_MC_DEPRN_PERIODS_U2	FA_MC_DEPRN_PERIODS	BOOK_TYPE_CODE FISCAL_YEAR PERIOD_NUM SET_OF_BOOKS_ID
FA_MC_DEPRN_SUMMARY_N1	FA_MC_DEPRN_SUMMARY	BOOK_TYPE_CODE PERIOD_COUNTER SET_OF_BOOKS_ID
FA_DEPRN_SUMMARY_U1	FA_DEPRN_SUMMARY	ASSET_ID BOOK_TYPE_CODE PERIOD_COUNTER SET_OF_BOOKS_ID
FA_MC_ASSET_INVOICES_N1	FA_MC_ASSET_INVOICES	ASSET_ID ASSET_INVOICE_ID SET_OF_BOOKS_ID
FA_RX_REPORTS_N1	FA_RX_REPORTS	APPLICATION_ID
FA_RX_REPORTS_U1	FA_RX_REPORTS	REPORT_ID
FA_RX_REP_COLUMNS_U1	FA_RX_REP_COLUMNS	REPORT_ID COLUMN_NAME ATTRIBUTE_SET
FA_RX_REP_PARAMETERS_U1	FA_RX_REP_PARAMETERS	REPORT_ID NAME
FA_ADDITION_REP_ITF_N1	FA_ADDITION_REP_ITF	REQUEST_ID
FA_ADJUST_REP_ITF_N1	FA_ADJUST_REP_ITF	REQUEST_ID
FA_BALANCES_REP_ITF_N1	FA_BALANCES_REP_ITF	REQUEST_ID
FA_CAP_REP_ITF_N1	FA_CAP_REP_ITF	REQUEST_ID
FA_COSTCLEAR_REP_ITF_N1	FA_COSTCLEAR_REP_ITF	REQUEST_ID
FA_DEPRN_REP_ITF_N1	FA_DEPRN_REP_ITF	REQUEST_ID
FA_MASSADD_REP_ITF_N1	FA_MASSADD_REP_ITF	REQUEST_ID

Index	Table	Referenced Column(s)
FA_PROJECT_REP_ITF_N1	FA_PROJECT_REP_ITF	REQUEST_ID
FA_PROPTAX_REP_ITF_N1	FA_PROPTAX_REP_ITF	REQUEST_ID
FA_RECLASS_REP_ITF_N1	FA_RECLASS_REP_ITF	REQUEST_ID
FA_RETIRE_REP_ITF_N1	FA_RETIRE_REP_ITF	REQUEST_ID
FA_TRANSFER_REP_ITF_N1	FA_TRANSFER_REP_ITF	REQUEST_ID
FA_INVMISS_REP_ITF_N1	FA_INVMISS_REP_ITF	REQUEST_ID
FA_WHATIF_ITF_N1	FA_WHATIF_ITF	REQUEST_ID
FA_RX_DYNAMIC_COLUMNS_N1	FA_RX_DYNAMIC_COLUMNS	REQUEST_ID
FA_INV_COMPARE_REP_ITF_N1	FA_INV_COMPARE_REP_ITF	REQUEST_ID

Changed Indexes

The index FA_RX_REP_COLUMNS_U1 on table FA_RX_REP_COLUMNS references different columns.

- old: REPORT_ID, COLUMN_NAME
- new: REPORT_ID, COLUMN_NAME, ATTRIBUTE_SET

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Assets.

New LOVs (QuickCodes)

Lookup Types	Lookup Codes	Lookup Code Description
INVENTORY LOCATION METHOD	NONE	For Physical Inventory location Reconciliations.
	TRANSFER	
INVENTORY STATUS	DIFFERENCE	Status for Physical Inventory entries.
	NEW	
	NO ASSET NUMBER	
	NONE INVENTORIAL	
	NOT UNIQUE	
	RECONCILED	
	TO RECONCILE	

Lookup Types	Lookup Codes	Lookup Code Description
INVENTORY UNIT METHOD – DOWN	DOWN – UNIT ADJUSTMENT FULL RETIREMENT PARTIAL RETIREMENT	For Physical Inventory unit reconciliations.
INVENTORY UNIT METHOD – NONE	NONE	For Physical Inventory unit reconciliations.
INVENTORY UNIT METHOD – UP	ADDITION REINSTATEMENT UP – UNIT ADJUSTMENT	For Physical Inventory unit reconciliations.

New Menu

FA_MRC_NAVIGATOR_GUI was added to support Multiple Reporting Currencies.

New Responsibility

MRC Assets Manager was added to support Multiple Reporting Currencies. It has a new Navigation Menu (FA_MRC_NAVIGATOR_GUI) and a new Report Security Group (MRC Programs FA).

Changed Responsibilities

The name of the Fixed Assets Manager GUI responsibility was changed to Fixed Assets Manager.

Production Release 10SC Features and Changes

This section contains a list of the new features added to Assets between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

New features are divided by release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

This section lists the enhancements made between 10SC Production 15 and Production 16.

Asset Salvage Value as a Percentage of Cost

Default the salvage value of your assets as a percentage of cost, according to percentages you define for each category and book.

Depreciate Assets Beyond the Useful Life

Depreciate an asset in the years following its useful life if the asset uses a straight-line or flat-rate depreciation method.

Integration with Oracle Projects

Create capitalized assets from capital asset lines in Oracle Projects. When you run the Interface Assets process, Oracle Projects sends valid asset lines to an interface table in Oracle Assets. You review these mass addition lines in Oracle Assets and determine whether to create assets from any of the mass additions. You can review project information associated with a mass addition by choosing the Project Details button from the Mass Additions window.

Mass Retirements

Retire a group of assets at one time in the Mass Retirements window. You can also reinstate a mass retirement. When you submit a mass retirement transaction, the Mass Retirements report and the Mass Retirements Exception report run automatically, so you can review the effects of the mass retirement transaction.

Lease Analysis

Define and analyze leases in the Lease Details and Lease Payments forms. Use the Lease Details form to define a lease, and to test the lease to determine whether to capitalize or depreciate assets assigned to it. Use the Lease Payments forms to define a payment schedule for a lease, and to calculate the present value of the lease payments you enter.

Distribution Sets

With distribution sets, you can automatically assign distributions to a new asset or mass addition by using a predefined distribution set. The

default distributions you define in the Distribution Sets window appear in the Distribution Set pop list in the Assignments window.

Multi-distributed Mass Additions

Oracle Assets handled multi-distributed mass additions. You can assign a new mass addition to multiple distributions, or change existing distributions before you post the mass addition lines to become assets. You can merge and split multi-distributed mass additions.

10SC Production Release 1-15

This section lists the enhancements that have been made to Assets since it was included as a Release 10SC Production product in Production 8.

View Source Lines

View source line information in the View Source Lines window by choosing the Source Lines button from the View Assets inquiry window.

Attachments

Attach text, images, or OLE objects such as spreadsheets and word processing documents, to your Oracle Assets data. For example, you might attach an invoice, entered in a word processing program.

View Assignments

View assignment information in the View Assignments window by choosing the Assignments button from the View Assets inquiry window.

Unplanned Depreciation

Use this feature to handle unusual accounting situations in which you need to adjust the net book value and accumulated depreciation amounts without affecting the cost of an asset.

You can enter unplanned depreciation by choosing the Unplanned Depr button from the Books window. You can view the effects of the unplanned depreciation in the View Depreciation History window on the View Assets inquiry workbench.

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16.1

This section lists the changes that have been made to Assets database objects between Release 10SC Production 16 and Production 16.1.

Changed Tables

FA_MASS_ADDITIONS

Enables users to create a context-sensitive descriptive flexfield on the Mass Additions Workbench. The following new columns were added:

- CONTENT (VARCHAR2(210))

FA_MASS_ADDITIONS_v

Enables users to create a context-sensitive descriptive flexfield on the Mass Additions Workbench. The following new columns were added:

- CONTENT (VARCHAR2(210))

[New Views

FA_SXL_BOOKS_v was created to support the new global requirement to allow extending the life of an asset to depreciate its salvage value.

10SC Production Release 16

The following database objects have been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

Changed Tables

The following tables were modified to support the Leases feature.

FA_LEASE_SCHEDULES

The following columns were added:

- CURRENCY_CODE (VARCHAR2(5))
- FREQUENCY (VARCHAR2(15))

FA_LEASES

The following column was added:

- CURRENCY_CODE (VARCHAR2(5))

The following column width changed from varchar2(1) to varchar2(15):

- FASB_LEASE_TYPE (VARCHAR2(15))

New Views

FA_LEASES_V was created to support the new Leases feature.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

10SC Production Release 16

The following seed data has been added or modified between Release 10.7 and Release 10SC Production 16.

New QuickCodes

The following QuickCodes were added to support the Leases feature.

- LEASE FREQUENCY** Values: Monthly, Quarterly, Semi-Annually, and Annually.
- LEASE PAYMENT TYPE** Values: Annuity, Balloon Payment, Bargain Purchase Option, and Bargain Renewal Option.
- LEASE TYPES** Lease Types: Capitalized and Operating.

Changed QuickCodes

The QuickCode names were modified to use mixed case:

Old Name	New Name
1245/1250 PROPERTY	1245/1250 Property
ASSET TERM	Asset Term
ASSET TYPE	Asset Type
BOOK CLASS	Book Class
CAPITALIZE ACTION	Capitalize Action
CATEGORY TYPE	Category Type
DEPRN ALLOCATION	Deprn Allocation

Old Name	New Name
DEPRN BASIS RULE	Deprn Basis Rule
FAXOLTRX	Faxoltrx
GAINLOSS	Gainloss
NEWUSE	Newuse
OWNLEASE	Ownlease
PERIOD SUFFIX	Period Suffix
RATE SOURCE RULE	Rate Source Rule
RETIREMENT STATUS	Retirement Status
SUBCOMPONENT LIFE RULE	Subcomponent Life Rule
YESNO	Yesno

Oracle Bills of Material

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Bills of Material and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to determine which part(s) apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16
10.7 GUI Production 16	Release 11
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Bills of Material between Release 10SC Production 16 and Release 11 and describes changes made to database objects, seed data, and profile options for the same interval.

New Features

These enhancements were made between 10SC Production 16 and Release 11.

Flow Manufacturing

Helps you achieve record inventory turns. To prepare for flow manufacturing, you design production lines and production processes so that each line can produce a constantly changing mix of products within a product family at a consistent rate.

Product Families

Create product families that are similar in resource usage, design, and manufacturing process for planning at an aggregate level.

Mixed Model Map

Provides a new way to create and monitor your line design. You can calculate and monitor resource and time requirements, which allows you to accurately balance your line against a specified forecast.

New Capability for Bill and Routing Open Interface

Update and delete items from the Bill and Routing Open Interface.

Modules

This section lists the enhancements that have been made to Oracle Bills of Material between 10SC Production 16 and Release 11.

New Windows

- Routing Network window
- Mixed Model Map window
- View Baseline window

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New Tables

Holds the Family/Line/Demand Source combinations, their attributes and display options:

- BOM_MIXED_MODEL_MAP_HEADER

Supports Processes or Line Operations and Summary values:

- BOM_MIXED_MODEL_MAP_PROCESSES

Supports the matrix cell values of Product, Demand, Machine Time, Labor Time, Total Time, and Process Volume:

- BOM_MIXED_MODEL_MAP_CELLS

Supports delete group names for bills and components, routings and operations:

- BOM_INTERFACE_DELETE_GROUPS

Supports the flow manufacturing functionality:

- BOM_OPERATION_NETWORKS

Stores exploded bill information:

- BOM_EXPLOSIONS

Supports functionality in future release:

- BOM_ITEM_BACKFLUSH_SUBINV

Supports the history of records from corresponding production tables:

- BOM_REFERENCE_DESGS_ARCHIVE
- BOM_INVENTORY_COMPS_ARCHIVE
- BOM_BILL_OF_MATERIALS_ARCHIVE
- BOM_OP_RESOURCES_ARCHIVE
- BOM_SUBSTITUTE_COMPS_ARCHIVE
- BOM_OP_ROUTINGS_ARCHIVE
- BOM_RTG_ITEM_REVISIONS_ARCHIVE
- BOM_OP_SEQUENCES_ARCHIVE
- BOM_DEPEND_DESC_ELEM_ARCHIVE

Changed Tables

BOM_DEPARTMENT_RESOURCES	
New Columns	CTP_FLAG
	EXCEPTION_SET_NAME
	ATP_RULE_ID

BOM_STANDARD_OPERATIONS

New Columns	OPERATION_TYPE
	LINE_ID
	SEQUENCE_NUM

BOM_OPERATIONAL_ROUTINGS

New Columns	PRIORITY
	LINE_ID
	CTP_FLAG
	MIXED_MODEL_MAP_FLAG
	TOTAL_PRODUCT_CYCLE_TIME
	PROJECT_ID
	TASK_ID
	CFM_ROUTING_FLAG

BOM_INVENTORY_COMPS_INTERFACE

New Columns	TRANSACTION_TYPE
	NEW_OPERATION_SEQ_NUM
	ASSEMBLY_TYPE
	NEW_EFFECTIVITY_DATE
	OLD_EFFECTIVITY_DATE
	OLD_OPERATION_SEQ_NUM
	INTERFACE_ENTITY_TYPE
	BOM_INVENTORY_COMPS_IFCE_KEY
	ENG_REVISIED_ITEMS_IFCE_KEY
	ENG_CHANGES_IFCE_KEY

BOM_REF_DESGS_INTERFACE

New Columns	NEW_DESIGNATOR
	INTERFACE_ENTITY_TYPE
	TRANSACTION_TYPE
	BOM_INVENTORY_COMPS_IFCE_KEY
	BOM_REF_DESGS_IFCE_KEY
	ENG_REVISIED_ITEMS_IFCE_KEY
	ENG_CHANGES_IFCE_KEY

BOM_OP_SEQUENCES_INTERFACE

New Columns	OPERATION_TYPE
	REFERENCE_FLAG
	PROCESS_OP_SEQ_ID
	LINE_OP_SEQ_ID
	YIELD
	CUMULATIVE_YIELD
	REVERSE_CUMULATIVE_YIELD
	LABOR_TIME_CALC
	MACHINE_TIME_CALC
	TOTAL_TIME_CALC
	LABOR_TIME_USER
	MACHINE_TIME_USER
	TOTAL_TIME_USER
	NET_PLANNING_PERCENT
	NEW_EFFECTIVITY_DATE
	ASSEMBLY_TYPE
	TRANSACTION_TYPE
	NEW_OPERATION_SEQ_NUM

BOM_OPERATION_SEQUENCES

New Columns	OPERATION_TYPE
	REFERENCE_FLAG
	PROCESS_OP_SEQ_ID
	LINE_OP_SEQ_ID
	YIELD
	CUMULATIVE_YIELD
	REVERSE_CUMULATIVE_YIELD
	LABOR_TIME_CALC
	MACHINE_TIME_CALC
	TOTAL_TIME_CALC
	LABOR_TIME_USER
	MACHINE_TIME_USER
	TOTAL_TIME_USER
	NET_PLANNING_PERCENT

BOM_SUB_COMPS_INTERFACE

New Columns	NEW_SUB_COMP_ID
	NEW_SUB_COMP_NUMBER
	INTERFACE_ENTITY_TYPE
	TRANSACTION_TYPE
	BOM_INVENTORY_COMPS_IFCE_KEY
	BOM_SUB_COMPS_IFCE_KEY
	ENG_REVISD_ITEMS_IFCE_KEY
	ENG_CHANGES_IFCE_KEY

BOM_BILL_OF_MTLS_INTERFACE

New Column	TRANSACTION_TYPE
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MTL_SYSTEM_ITEMS	
New Column	PRODUCT_FAMILY_ITEM_ID
MTL_RTG_ITEM_REVS_INTERFACE	
New Column	TRANSACTION_TYPE
BOM_OP_ROUTINGS_INTERFACE	
New Columns	LINE_ID
	CFM_ROUTING_FLAG
	MIXED_MODEL_MAP_FLAG
	TRANSACTION_TYPE
	PRIORITY
	CTP_FLAG
	TOTAL_PRODUCT_CYCLE_TIME
	LINE_CODE
BOM_OP_RESOURCES_INTERFACE	
New Columns	TRANSACTION_TYPE
	NEW_RESOURCE_SEQ_NUM

Obsolete Tables

- BOM_OP_INSTRUCTIONS_INTERFACE
- BOM_ASSY_COMMENTS_INTERFACE

New Views

Created to support Processes and Line Operations:

- BOM_MIXED_MODEL_MAP_PROC_V

Created to hold Products and their cell values:

- BOM_MIXED_MODEL_MAP_CELLS_V

Created to be the base table for the Operation Network block:

- BOM_OPERATION_NETWORKS_V

Created to support the new product family item type:

- BOM_PRODUCTFAMILY_MEM_V

Changed Views

- BOM_DEPARTMENT_RESOURCES_V
- BOM_STANDARD_OPERATIONS_V
- BOM_OPERATION_SEQUENCES_V
- BOM_STANDARD_OPERATIONS_ALL_V
- BOM_ROUTING_ALTERNATES_V
- BOM_STANDARD_OP_RESOURCES_V
- BOM_DEPARTMENTS_V

New Indexes

Created on the new BOM_MIXED_MODEL_MAP_HEADER table to support the mixed model map functionality:

- BOM_MIXED_MODEL_MAP_HEADER_U1
- BOM_MIXED_MODEL_MAP_HEADER_U2

Created on the new BOM_MIXED_MODEL_MAP_PROCESSES table to support the mixed model map functionality:

- BOM_MIXED_MODEL_MAP_PROC_U1

Created on the new BOM_MIXED_MODEL_MAP_CELLS table to support the mixed model map functionality:

- BOM_MIXED_MODEL_MAP_CELLS_U1

Created on the BOM_STANDARD_OPERATIONS table:

- BOM_STANDARD_OPERATIONS_U1

Created on the BOM_INVENTORY_COMPS_INTERFACE table:

- BOM_INVENTORY_COMPS_INTERFACE_N4

Created on the BOM_EXPLOSIONS table:

- BOM_EXPLOSIONS_N5
- BOM_EXPLOSIONS_U1

Created on the BOM_SUB_COMPS_INTERFACE table:

- BOM_SUB_COMPS_INTERFACE_N4

Created on the BOM_REF_DESGS_INTERFACE table:

- BOM_REF_DESGS_INTERFACE_N4

Changed Indexes

Changed on the BOM_REF_DESGS_INTERFACE table:

- BOM_OPERATION_SEQUENCES_U2

New Sequences

Added to support the mixed model map:

- BOM_MIXED_MODEL_MAP_HEADER_S

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

List of Values (Quick Codes)

Added to MFG_LOOKUPS to support flow manufacturing:

- BOM_OPERATION_TYPE
- BOM_TRANSITION_TYPE

Production Release 10SC Features and Changes

This section lists the new features added between Release 10.7 and 10SC Production Release 16 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

New features are divided by release levels from Production 1 –15 to Production 16. Release levels with no new features are not listed.

Attachments for Bills and Operations

Attach text and files, such as spreadsheets, graphics, and OLE objects to bills of material, engineering change orders, and routing operations. For example, an attached file may include comments, such as a graphical representation of the bill structure, or detailed instructions and schematic diagrams for routing operations.

Define Calendar

Define calendars by using only the calendar code instead of calendar code/exception set ID. You use exception templates to define exceptions and then copy them to the calendar.

Modules

New Windows

- **Run Cost Rollup window**
Use to roll up costs for the bill. Users can perform a cost rollup from the bill of materials form when changes are made to the bill without having to navigate to the costing function. This window can be accessed from the Special Menu.
- **Delete Groups window**
Used to assign the bill, components routing or operation to a delete group for deletion.

Database Objects

The following database changes were made since Release 10.7. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

Changed Table

The PA_EXPENDITURE_ORG_ID column is new in BOM_DEPARTMENTS.

Oracle Capacity

This chapter lists new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Capacity and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to determine which part(s) of the new features or changed topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 1–15

Release 11 Features and Changes

There are no new features or changes to the modules, database, seed data, or profile options for Oracle Capacity between Release 10.7 and Release 11 of Oracle Applications.

Production Release 10SC Features and Changes

This section lists the enhancements made for Release 10 SmartClient (10SC). It describes the features and changes between Production 1 and

Production 15. There are no new in features for Production Release 16 or Production Release 16.1.

New Features

This section presents an overview of the enhancements that have been made to Oracle Capacity since it was included as a Release 10SC Production product in Production 5.

10SC Production Releases 1–15

Graphical Capacity Display

You can generate an Excel spreadsheet, charts, and pivot table for the CRP or RCCP load/capacity information of one or more items.

Enhanced Inquiry

You can view multiple department/resources or lines at once.

Enhanced Selection Criteria

You can specify a resource group in your search criteria.

Modules

New Windows

- View CRP
- View RCCP
- Horizontal Plan

Oracle Cash Management

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Cash Management and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC
10.7 GUI Production 16	Release 11 10SC
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Cash Management between Release 10SC Production 16.1 and Release 11 and describes changes

made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made between 10SC Production 16.1 and Release 11.

Cash Forecasting (Production)

Release 11 contains the production version of the Cash Forecasting feature, which was introduced as a Beta feature in Release 10.7.0.16SC.

Cash Forecasting is a planning tool that helps you anticipate cash inflow and outflow, based on historical and in-process transactions from these Oracle Applications: General Ledger, Payables, Receivables, Order Entry, and Purchasing.

You can define cash forecast templates that you use to generate periodic cash forecasts. You can query and print cash forecasts, or export the data to Microsoft Excel spreadsheets.

Other Cash Forecasting Enhancements

Cash Management provides for cash forecasting integration with Oracle Payroll. The selection criteria for historical payroll payments include: business group, bank account, payment method, and payroll. You can also:

- Specify an amount threshold
- Indicate a business calendar
- Submit forecasts by row in parallel, resulting in one whole forecast
- Convert from transaction currency to forecast currency
- Submit cash forecasts with user currency exchange rates, minimizing exchange rate setup for what-if analysis
- Choose to include or exclude overdue transactions for all appropriate source transaction types in your forecasts

Forecasting Open Interface and Distributed Database Integration

Provides an enterprise-wide, cash forecasting solution on a distributed database environment. You can utilize the following external sources of data as cash inflow and outflow data:

- Non-Oracle Applications on a local database
- Non-Oracle Applications on a remote database
- Oracle Applications on a remote database

For each expected cash transaction from an external system, you can specify the source, expected cash activity date, amounts, and selection criteria values for each source.

You can generate a cash forecast, and the Forecasting Open Interface automatically retrieves information available from the external forecast sources that you defined.

Report eXchange Integration with Cash Forecasting

Oracle Report eXchange (RX) is a new application. With it you can download data from selected Oracle Applications to the desktop application of your choice, and take advantage of desktop application features. You can submit the Cash Forecast Report and thus export cash forecasts to other spreadsheet applications, such as Microsoft Excel.

Bank Reconciliation – Bank Errors and Corrections

Provides reconciliation of corrections and adjustments to error statement lines. You can automatically or manually reconcile correcting statement lines against error statement lines, providing an audit trail that you can use to verify correction of bank errors.

For example, if your bank erroneously records a \$50 payment as \$500, your bank statement may show three statement lines: \$500, <\$500>, and \$50. You can reconcile the <\$500> correction against the \$500 error statement line, and the \$50 statement line against the original payment.

Bank Reconciliation – Matching

The AutoReconciliation program supports a new matching rule: matching payments and receipts by supplier or customer bank account number and invoice number. This feature is particularly useful for electronic payments, for which bank statements may not include check numbers (transaction numbers), but do include invoice numbers and supplier/customer bank account numbers.

Modules

New Windows

External Forecast Sources

Changed Windows

Available Transactions

Bank Statement Interface

Bank Statement Lines

Bank Transaction Codes

Cash Forecasts

Find Transactions

Forecast Templates

Reconcile Bank Statements (previously Manual Reconciliation)

Reconciled Transactions

Submit Forecasts

View Available Transactions

View Bank Statements

View Bank Statement Lines

View Cash Forecasts

View Reconciled Transactions

Changed Reports and Processes

Bank Statement Detail Report (formerly Statement – Detail Report)

Bank Transaction Codes Listing (formerly Other – Transaction Codes)

Cash Forecast Execution Report

Cash Forecast Report

Transactions Available for Reconciliation Report

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures. Full information

about these new database objects is included in the Release 11 Technical Reference Manual.

New Tables

Supports the new Forecasting Open Interface and Distributed Database Integration feature:

CE_CURRENCY_RATES_TEMP
 CE_FORECAST_EXT_TEMP
 CE_FORECAST_EXT_VIEWS

Changed Tables

This section lists tables changed to include new or remove obsolete columns:

Modified Table	New Column(s)
CE_ARCH_INTERFACE_LINES	BANK_ACCOUNT_TEXT
CE_ARCH_LINES	BANK_ACCOUNT_TEXT
CE_FORECASTS	EXCHANGE_RATE AMOUNT_THRESHOLD
CE_FORECAST_HEADERS	OVERDUE_TRANSACTIONS CUTOFF_PERIOD TRANSACTION_CALENDAR_ID
CE_FORECAST_ROWS	ORG_PAYMENT_METHOD_ID PAYROLL_ID EXTERNAL_SOURCE_TYPE CRITERIA_CATEGORY CRITERIA1 CRITERIA2 CRITERIA3 CRITERIA4 CRITERIA5 CRITERIA6 CRITERIA7 CRITERIA8 CRITERIA9 CRITERIA10

Modified Table	New Column(s)
	CRITERIA11 CRITERIA12 CRITERIA13 CRITERIA14 CRITERIA15
CE_STATEMENT_LINES	BANK_ACCOUNT_TEXT RECONCILE_TO_STATEMENT_FLAG
CE_STATEMENT_LINES_INTERFACE	BANK_ACCOUNT_TEXT
CE_STATEMENT_RECONCILS_ALL	AMOUNT
CE_TRANSACTION_CODES	MATCHING_AGAINST CORRECTION_METHOD START_DATE END_DATE

New Views

Supports the Bank Reconciliation – Bank Errors and Corrections feature:

CE_260_RECONCILED_V
CE_260_TRANSACTIONS_V

Supports Report eXchange Integration with Cash Forecasting:

CE_FC_RX_COLUMN_TITLE_V
CE_FC_RX_TITLE1_V
CE_FC_RX_TITLE2_V
CE_FC_RX_TITLE3_V
CE_FC_RX_TITLE4_V
CE_FC_RX_TITLES5_V
CE_FC_RX_TITLE6_V
CE_FC_RX_TITLE7_V
CE_FC_RX_V
CE_RX_AGING_BUCKETS_V

Supports Forecasting Open Interface and Distributed Database Integration:

CE_FORECAST_EXT_VIEWS_V

Supports Cash Forecasting Integration with Oracle Payroll:

CE_FORECAST_PAY_ORGS_V
CE_HR_BUS_GRPV_V
CE_PAY_FC_PAYROLL_V

Supports Multiple Reporting Currencies:

CE_SYSTEM_PARAMETERS_MRC_V

Changed Views

CE_AVAILABLE_TRANSACTIONS_V
CE_RECONCILED_TRANSACTIONS_V
CE_FORECAST_HEADERS_V
CE_FORECAST_ORGS_V
CE_FORECASTS_ROWS_V
CE_FORECASTS_SUMMARY_V
CE_FORECASTS_V
CE_STATEMENT_LINES_V
CE_STAT_LINES_INF_V

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

Lookup Type	Lookup Code	Lookup Code Description
CORRECTION_METHOD	ADJUSTMENT	Adjustment
	REVERSAL	Reversal
	BOTH	Both
CORRECTION_MATCHING	MISC	Misc
	STMT	Stmt
	MS	Misc, Stmt
	SM	Stmt, Misc
FORECAST_OVERDUE_TRX	INCLUDE	Include Overdue Transactions
	EXCLUDE	Exclude Overdue Transactions

Changed LOVs (QuickCodes)

Lookup Type	Lookup Code	Lookup Code Description
BANK_TRX_TYPE	STATEMENT	Statements
FORECAST_TRX_TYPE	PAY	Payroll Expenses
	OII	Open Interface Inflow
	OIO	Open Interface Outflow

New Descriptive Flexfield

To support the Forecasting Open Interface, the Forecast Selection Criteria Descriptive Flexfield was added.

Changed Responsibilities

Cash Management Responsibility Changes

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
Clear Transactions	Clear Transactions	Bank Reconciliation > Manual Clearing > Clear Transactions
Manual Reconciliation (update)	Reconcile Bank Statements	Bank Reconciliation > Bank Statements
Manual Reconciliation (view)	View Bank Statements	View > Bank Statements
Available Transactions	View Available Transactions	View > Available Transactions
Define Templates	Forecast Templates	Cash Forecasting > Forecast Templates
Inquire Forecasts	View Cash Forecasts	View > Cash Forecasts
Maintain Forecasts	Forecasts	Cash Forecasting > Forecasts
Statement Interface	Bank Statement Interface	Bank Reconciliation > Bank Statement Interface
Transaction Codes	Bank Transaction Codes	Setup > Bank Transaction Codes
Unclear Transactions	Unclear Transactions	Bank Reconciliation > Manual Clearing > Unclear Transactions

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
N/A	External Forecast Sources	Setup > External Forecast Sources

The setup menu for the Cash Management responsibility was changed to include setup functions for using Cash Management as a stand-alone application:

N/A	Key Flexfields	Setup > Flexfields > Key > Register
N/A	Key Flexfield Segments	Setup > Flexfields > Key > Segments
N/A	Shorthand Aliases	Setup > Flexfields > Key > Aliases
N/A	Cross-Validation Rules	Setup > Flexfields > Key > Cross Validation
N/A	Segment Values	Setup > Flexfields > Key > Values
N/A	Rollup Groups	Setup > Flexfields > Key > Groups
N/A	Account Generation Processes	Setup > Flexfields > Key > Accounts
N/A	Descriptive Flexfields	Setup > Flexfields > Descriptive > Register
N/A	Descriptive Flexfield Segments	Setup > Flexfields > Descriptive > Segments
N/A	Segment Values	Setup > Flexfields > Descriptive > Values
N/A	GL Accounts	Setup > Combinations
N/A	Period Types	Setup > Calendars > Types
N/A	Accounting Calendar	Setup > Calendars > Accounting
N/A	Transaction Calendar	Setup > Calendars > Transaction
N/A	Currencies	Setup > Currencies > Codes
N/A	Daily Rates	Setup > Currencies > Daily Rates

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
N/A	Conversion Rate Types	Setup > Currencies > Rate Types
N/A	Set of Books	Setup > Books
N/A	Banks	Setup > Banks

Bank Reconciliation Responsibility Changes

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
Clear Transactions	Clear Transactions	Manual Clearing > Clear Transactions
Manual Reconciliation (update)	Reconcile Bank Statements	Bank Statements
Manual Reconciliation (view)	View Bank Statements	View > Bank Statements
Available Transactions	View Available Transactions	View > Available Transactions
Statement Interface	Bank Statement Interface	Bank Statement Interface
Transaction Codes	Bank Transaction Codes	Setup > Bank Transaction Codes
Unclear Transactions	Unclear Transactions	Manual Clearing > Unclear Transactions

Cash Forecasting Responsibility Changes

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
Define Templates	Forecast Templates	Forecast Templates
Inquire Forecasts	View Cash Forecasts	View Forecasts
Maintain Forecasts	Forecasts	Forecasts
N/A	External Forecast Sources	Setup > External Forecast Sources

Cash Forecasting Responsibility Changes

Release 10SC Window Title	Release 11 Window Title	Release 11 Menu Path
N/A	Descriptive Flexfields Segments	Setup > Descriptive Flexfields > Segments
N/A	Segments Values	Setup > Descriptive Flexfields > Values

Production Release 10SC Features and Changes

With Production Release 10SC, Cash Management reconciles the following to your bank statement:

- Payments created in Payables
- Receipts created in Receivables

Oracle Payables and Receivables no longer perform this function.

Oracle Cost Management

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Cost Management and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Cost Management between Release 10SC Production 16.1 and Release 11 and describes

changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made between Release 10SC Production 16.1 and Release 11.

Manufacturing Average Costing

You can cost manufacturing transactions in an average costing organization. (This functionality was introduced as beta feature in Oracle Cost Management 10SC Production Release 16.1.) New users who install Oracle Applications with Release 11 will use the new average cost processor and will be able to take advantage of all the new average costing functionality including the ability to utilize resources, overheads, and material overheads in inventory and work in process. Users who upgrade to Release 11 from a previous release will continue to use the old average cost processor.

New options for costing completed assemblies as well as a variety of enhancements designed to accommodate Project Manufacturing Costing are also included.

Project Manufacturing Costing

Cost Management provides project costing support. You can collect project costs from Oracle Inventory, Oracle Purchasing, and Oracle Work in Process and transfer these costs into the Oracle Projects Transaction Import Interface table. These transferred costs can then be imported into Oracle Projects using Transaction Import.

Flow Manufacturing Costing

Work order-less completions, a feature of flow manufacturing, are supported in both standard and average costing organizations including organizations with project references. However, in this release work order-less scrap transactions are not supported.

Item Cost History

If you are using average costing, you can use the new Item Cost History window to see how an item's average cost has changed over time. For a specified period of time, you can see how transactions for an item impacted its average cost. Specifically, for every transaction you can see

the transaction date, the transaction type, the prior quantity and cost, the transaction quantity and cost, and the new quantity and cost.

Product Line Accounting Setup

The Category Accounts and Default WIP Accounting Classes for Categories windows can be used to set up product line accounting. In the Category Accounts window you can assign inventory valuation accounts to each category that you assign to your product line accounting category set. In the Category Default WIP Classes window, you can associate a default WIP accounting class with each category that you assign to your product line accounting category set. When implemented, product line accounting can be used to support foreign currency accounting requirements.

Note: To fully implement product line accounting you must design and implement client extensions.

WIP Accounting Classes for Cost Groups

You can associate one or more standard discrete accounting classes with each of your cost groups. Doing so defines the WIP classes that are valid for use on jobs in that particular cost group.

Remove Account Summarization in Standard Costing

Cost element visibility is maintained when you assign the same account to multiple cost elements. In prior releases, if you assigned the same account number to your elemental cost accounts, the system would consolidate the value of these cost elements before transferring the cost to Oracle General Ledger.

Modules

New Windows

- Category Accounts
- Default WIP Accounting Classes for Categories
- Expenditure Types for Cost Elements

Note: This window was added as a beta feature in Oracle 10SC Production Release 16.1, but was not documented.

- WIP Accounting Classes for Cost Groups

Changed Windows

The Item Cost for Cost Groups window is now the Item Cost History window. This window can be used to access the following windows:

- Item Costs for Cost Groups
- Item Cost Details for Cost Groups
- Item Cost History
- Elemental Costs

New Forms

- Category Accounts (INVSDCAS)
- Default WIP Accounting Classes for Categories (CSTFPLWD)

New Processes

The Project Cost Collection Manager (CMPCPM) program is similar to the Cost Collection Manager (CMCCCM) except that the organization parameter is displayed and is based on the value set CST_MFG_ORG_ID. This program is used by Oracle Projects to collect costs for an organization or to include the program in a request set.

The following manager and workers, added in 10SC Production Release 16.1, support project manufacturing and work in process costing and are now fully functional:

- Cost Collection Manager (CMCCCM)
- Cost Collection Worker (CMCCCW)
- Material Cost Collection Worker (CMCCCI)

Changed Reports and Processes

The Elemental Cost Report can now be printed by currency and exchange rate.

The Inventory Subledger Report reports quantity, valuation, and detailed item information for the subinventories within each cost groups. Information is grouped by Cost Group.

The Intransit Value Report reports values and item quantities for items in the common cost group.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Tables

Created to support average costing completion enhancements:

- CST_COMP_SNAP_TEMP
- CST_COMP_SNAPSHOT
- CST_COMP_SNAP_INTERFACE

Created to support WIP accounting classes for categories:

- CST_CG_WIP_ACCT_CLASSES

New Views

Created to support viewing historical item costs:

- CST_CG_COST_HISTORY_V

Created to support WIP accounting classes for categories:

- CST_CG_WIP_ACCT_CLASSES_V

Created to support the projects cost collection:

- CST_PM_PENDING_TXN_V

Changed Views

The following columns were dropped from the CST_PM_MATL_TXN_V because project references are now at the locator level rather than at the subinventory level:

- TRF_SI_PRJ_COSTED
- SI_PROJ_COSTED

The following column was added to the CST_PM_MATL_TXN_V view to support flow manufacturing costing:

- FLOW_SCHEDULE

The following columns were added to CST_GL_TRANSLATION_VIEW to support multiple reporting currencies (MRC):

- PERIOD_YEAR
- PERIOD_NUM

New Indexes

The following indexes have been added to support new tables:

- CST_COMP_SNAPSHOT_PK
- CST_COMP_SNAPSHOT_U1
- CST_COMP_SNAP_TEMP_PK
- CST_COMP_SNAP_TEMP_U1
- CST_COMP_SNAP_INTERFACE_PK
- CST_COMP_SNAP_INTERFACE_U1
- CST_CG_WIP_ACCT_CLASSES_N1
- CST_CG_WIP_ACCT_CLASSES_U1

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New List of Values (Quickcodes)

The CST_SYSTEM_COMP_OPTIONS lookup was added to allow users to choose between two methods of charging resources for WIP completions.

API Changes

These packages were added to support final completions for average costing:

- CSTACMSS.pls, CSTACMSB.pls
- CSTACOSS.pls, CSTACOSB.pls

These packages were added to support the insertion of cost data:

- CSTSISCS.pls, CSTSISCB.pls
- CSTSCHKS.pls, CSTSCHKB.pls

The CSTPMHKS.pls, CSTPMHKB.pls package has been added to support the Oracle Inventory integration with Oracle Projects.

New Menus

- Category Accounts

- Category Default WIP Classes

Changed Menus

The menu item Item Cost for Cost Groups was changed to Item Cost History.

New Value Sets

The CST_MFG_ORG_ID value set was added to support project cost collection.

Production Release 10SC Features and Changes

This lists new features added between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features are divided by release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16.1

This section lists the enhancements that have been made to Oracle Cost Management between 10SC Production 16 and 10SC Production 16.1.

Manufacturing Average Costing

You can use weighted average costing in a manufacturing environment. In previous production releases, average costing was supported only under Oracle Inventory. Now, it is also supported when Oracle Bills of Material and Oracle Work in Process are installed.

Using manufacturing average costing, you can perpetually value inventory at average cost, based on actual, weighted by quantity (inventory cost = average unit cost * quantity). Weighted average costing automatically updates unit costs to reflect the most current transactions. Costs do not need to be manually maintained.

Project Manufacturing Costing

For Project Manufacturing, you can define cost groups in average cost organizations that are project-enabled. Cost groups can be associated with a specific organization or assigned to multiple organizations. Projects defined in Oracle Projects must belong to a cost group.

Note: Project Manufacturing was a Beta product in 10SC Production Release 16.1. As such, all associated functionality was also Beta.

Modules

New Reports and Processes

The following manager and workers were added to support project manufacturing costing and will be fully functional in a future release:

- Cost Collection Manager (CMCCCM)
- Cost Collection Worker (CMCCCW)
- Material Cost Collection Worker (CMCCCI)

Note: Project Manufacturing is a Beta product in 10SC Production Release 16.1. As such, all associated functionality was also Beta.

In average costing organizations, the Discrete Job Value Report – Average Costing (CSTRDJVA) can be used to summarize job transaction cost information.

Changed Reports and Processes

The Unified Cost Manager (CMCTCM/CMLTCM) program distributes unvalued transactions in the Inventory and WIP transaction tables to different workers.

The Actual Cost Worker (CMCACW) calls the material cost processor for the group of material transactions, and calls the resource/overhead cost processor for the WIP transactions assigned by the unified cost manager.

The Inventory Transaction Interface Inquiry (CSQINII) can be used to view average cost update transactions that are pending in the Open Item Interface. Information is displayed in the Transaction Interface Details window, which is invoked using the Cost Details button from the Oracle Inventory Transaction Interface window.

Note: Transactions that update average costs are inserted into the Open Item Interface when the Average Cost Update is run.

Obsolete Concurrent Programs

The Resource Cost Manager (CMCCTM) has been made obsolete. However, the underlying library function (CMLCTM) has been renamed to the Standard WIP Cost Manager (CMLWCM) and now handles only organizations that use standard costing. This new, renamed function is also linked to the Transaction Cost Manager (CMCTCM) and is invoked when Oracle Work in Process is installed for an organization that uses standard costing.

10SC Production Release 16

Changed Reports and Processes

The Margin Analysis report has been changed in this release.

10SC Production Releases 1–15

This section lists enhancements made since Cost Management was included as a Release 10SC Production product in Production 9.

Support for Un-closing a Closed Job in Work in Process

Oracle Work in Process allows the un-closing of a previously closed job. Oracle Cost Management supports this functionality.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16.1

This section lists changes made to Oracle Cost Management database objects between 10SC Production 16 and 10SC Production 16.1.

New Tables

The MTL_PER_CLOSE_DTLS table was added to support manufacturing average costing.

Added in Production 16 to support manufacturing average costing:

- CST_COST_GROUPS
- CST_COST_GROUP_ACCOUNTS

The CST_COST_ELEM_EXP_TYPES table, added in 10SC Production Release 16, supports project manufacturing costing.

Changed Tables

Changes made to support manufacturing average costing include:

MTL_ACTUAL_COST_SUBELEMENT	
New Column	LAYER_ID
MTL_CST_ACTUAL_COST_DETAILS	
New Columns	LAYER_ID
	TRANSACTION_COSTED_DATE

New Indexes

Added on an existing table to support manufacturing average costing:

- MTL_MATERIAL_TRANS_TEMP_N4

Added on a new table support manufacturing average costing:

- MTL_PER_CLOSE_DTLS_U1

Added in Production Release 16 to support manufacturing average costing:

- CST_COST_GROUPS_N1
- CST_COST_GROUPS_U1

Changed Indexes

Changed to support manufacturing average costing:

- MTL_CST_ACTUAL_COST_DETAILS_U1
- MTL_ACTUAL_COST_SUBELEMENT_N1

New Views

Added to support manufacturing average costing:

- CST_LAYER_COST_DETAILS_V
- CST_AVG_ELEM_COST_V
- MTL_CST_TXN_COST_DETAILS_V

Added in Production Release 16 to support manufacturing average costing:

- CST_QUANTITY_LAYERS_V
- CST_AVG_DIST_ACCTS_V

Added to support project manufacturing costing:

- CST_PM_MATL_TXN_V
- CST_PROJ_EXP_TYPES_VAL_V
- CST_PROJMFG_CMT_VIEW

Added to support item costs:

- CST_CG_ITEM_COST_VIEW

New Sequence

CST_QUANTITY_LAYERS_S, added in 10SC Production Release 16, supports manufacturing average costing.

10SC Production Release 16

The following database objects were added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Tables

Added to support functionality planned for Production Release 16.1:

- CST_COST_GROUPS
- CST_COST_GROUP_ACCOUNTS
- CST_COST_ELEM_EXP_TYPES

Changed Tables

The following section lists changes made to support manufacturing average costing functionality planned for 10SC Production Release 16.1 or Release 11.

CST_QUANTITY_LAYERS	
New Column	COST_GROUP_ID
MTL_MATERIAL_TRANSACTIONS	
New Columns	COST_GROUP_ID
	MATERIAL_ACCOUNT
	MATERIAL_OVERHEAD_ACCOUNT
	OUTSIDE_PROCESSING_ACCOUNT
	OVERHEAD_ACCOUNT
	RESOURCE_ACCOUNT
	TRANSFER_COST_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_TEMP	
New Columns	MATERIAL_ACCOUNT
	MATERIAL_OVERHEAD_ACCOUNT
	OUTSIDE_PROCESSING_ACCOUNT
	OVERHEAD_ACCOUNT
	RESOURCE_ACCOUNT
MTL_TRANSACTIONS_INTERFACE	
New Columns	MATERIAL_ACCOUNT
	MATERIAL_OVERHEAD_ACCOUNT
	OUTSIDE_PROCESSING_ACCOUNT
	OVERHEAD_ACCOUNT
	RESOURCE_ACCOUNT
RCV_TRANSACTION_INTERFACE	
New Column	TRANSFER_PERCENTAGE

RCV_SHIPMENT_LINES	
New Column	TRANSFER_PERCENTAGE

Obsolete Table

CST_COST_ELEMENT_EXP_TYPE was made obsolete.

New Indexes

Added to support functionality planned for Production Release 16.1:

- CST_COST_GROUP_ACCOUNTS_U1
- CST_COST_GROUPS_N1
- CST_COST_GROUPS_U1

New View

CST_QUANTITY_LAYERS_V was created to support functionality planned for 10SC Production Release 16.1.

Seed Data

Oracle Cost Management includes the following seed data changes made since Release 10.7 of Oracle Applications.

10SC Production Release 16.1

The following seed was added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

New Data Elements

The following seeded cost elements were added to CST_COST_ELEM_EXP_TYPES in 10SC Production Release 16 and were implemented in this release to support project manufacturing costing:

- Material
- Material Overhead
- Resource
- Outside Processing

- Overhead

New Lookup Types

The CST_COMPLETION_COST_SRC lookup type supports manufacturing average costing. It is specifically used in the WIP Accounting Classes and WIP Parameters windows.

The CST_JOB_SELECTION_CRITERIA lookup type supports both manufacturing and project manufacturing costing. It is specifically used in the Discrete Job Value Report – Average Costing, which was introduced in this release.

10SC Production Release 16

The following seed data has been added or modified between Release 10.7 and Release 10SC Production 16.

New Data Elements

The “common” cost group was seeded with an ID of 1.

Five cost elements in CST_COST_ELEM_EXP_TYPES were seeded:

- Material
- Material Overhead
- Resource
- Outside Processing
- Overhead

Profile Options

The following profile options were added between Release 10.7 and 10SC Production Release 16.1 of Oracle Cost Management.

10SC Production Release 16.1

New Profile Options

The following profile option was added in a prior release:

- *CST: Average Costing Option*
Determines whether Inventory Only or Inventory and Work in Process Average Costing is used.

Oracle EDI Gateway

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle EDI Gateway and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section contains a list of the new features added to EDI Gateway between Release 10SC, Production 16 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

If you are upgrading from Release 10.7, refer to the Preface for information on determining which sections may apply to your upgrade. If you are upgrading from a release prior to 10.7, refer to the Product Update Notes for that level. For example, if you are upgrading from Release 10.5, see the *Production Update Notes, Release 10.5*.

New Features

Inbound Invoice

Use this transaction to import supplier invoices into your Accounts Payables system for manual or electronic payment. Using the new Payables Open Interface program, you can accomplish high volume invoice import complete with all of the standard on-line invoice entry

features including purchase order matching, invoice approval, and invoice batch processing.

Outbound Application Advice

Use this transaction to acknowledge transaction errors for the following inbound transactions:

- Invoice
- Ship Notice/Manifest
- Shipment and Billing Notice

The respective inbound transactions write the error message code, error message text, and erroneous data to the application advice tables in the EDI Gateway product. The processing errors are reported to the trading partner using the Application Advice transaction.

This transaction is initiated by the shipping application.

Inbound Ship Notice / Manifest

Use this transaction to import supplier ship notices into your Purchasing system as a pre-receipt. The electronic ship notice provides a shipment identifier to facilitate the receipt of the physical goods.

Inbound Price / Sales Catalog

Use this transaction to import supplier catalogs into your Purchasing system as Catalog Quotes or Purchase Agreements to support on-line catalog lookup and purchase order placement. During the import process, supplier sourcing rules may be added to Oracle Purchasing, and the Oracle Inventory item master can be updated with catalog item changes or a new catalog items.

Inbound Response to Request for Quote

Use this transaction to import supplier responses to your request for quotes into your Purchasing system to support the procurement process.

Inbound Shipping and Billing Notice

Use this transaction to import supplier ship notices and invoices into your Purchasing and Payables system as a pre-receipt and unapproved invoice.

Similar to the Ship Notice/Manifest transaction, the electronic ship notice provides a shipment identifier to facilitate the receipt of the

physical goods and the creation of the unapproved invoice in a single EDI transaction.

Outbound Payment Order / Remittance Advice

Use this transaction to make a payment or make a payment and send a remittance advice to your creditors.

The payment portion of this transaction is a request to your financial institution to perform a cash application to relieve your account and to pay your payee's account.

The remittance advice portion of this transaction contains the payment distribution by invoice. It may be sent directly to the payee, through a financial institution, or through a third party. In addition, you may use Oracle Payables to print your remittance advice.

Outbound Purchase Order Change Request

Use this transaction to request a change to a previously submitted purchase order (PO). You may include changes for approved POs of the type, "standard POs", planned POs, planned releases, blanket purchase agreements, and blanket releases.

Outbound Shipping Schedule

Use this transaction to communicate short-term firm requirements and shipping schedules to your suppliers. Shipping schedules are usually stated in daily buckets and are used to refine planning schedules in support of a Just-in-Time planning environment.

Outbound Planning Schedule

Use this transaction to communicate forecast requirements to your suppliers. The planning schedules may be comprised of both forecast and material release information, including authorizations from the buyer to commit material and labor resources for a specific period. The planning schedule may be stated in daily, weekly, monthly, quarterly, or in any combination of periods.

Modules

New Window

This window enables the creation of trading partner groups.

- Define Trading Partner Groups window

New Processes

- EDI Advance Ship Notice Inbound
- EDI Application Advice Outbound
- EDI Catalog Inbound
- EDI Departure Ship Notice Out
- EDI Invoice Inbound
- EDI PO Change Outbound
- EDI Payment Outbound
- EDI Planning Schedule Outbound
- EDI Response to RFQ Inbound
- EDI Shipment and Billing Notice Inbound
- EDI Shipping Schedule Outbound

Obsolete Processes

- EDI ASN Outbound

New Concurrent Executables

- EDI Advance Ship Notice Inbound
- EDI Catalog Inbound
- EDI Departure Ship Notice Outbound
- EDI Invoice Inbound
- EDI PO Change Outbound
- EDI Payment Outbound
- EDI Planning Schedule Outbound
- EDI Response to RFQ Inbound
- EDI Shipping Schedule Outbound

Obsolete Concurrent Executables

- EDI ASN Outbound

Database Objects

The following database changes were made since Release 10SC Production 16 of Oracle Applications. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

New Tables

- ECE_ADVO_DETAILS
- ECE_ADVO_DETAILS_INTERFACE
- ECE_ADVO_DETAILS_INTERFACE_X
- ECE_ADVO_HEADERS
- ECE_ADVO_HEADERS_INTERFACE
- ECE_ADVO_HEADERS_INTERFACE_X
- ECE_AP_CHECKS_INTERFACE
- ECE_AP_CHECKS_INTERFACE_X
- ECE_AP_INVOICES_INTERFACE
- ECE_AP_INVOICES_INTERFACE_X
- ECE_AR_TRX_HEADER_1
- ECE_AR_TRX_HEADER_1_X
- ECE_AR_TRX_ALLOWANCE_CHARGES
- ECE_AR_TRX_ALLOWANCE_CHARGES_X
- ECE_CHV_SCHED_HEADERS
- ECE_CHV_SCHED_HEADERS_X
- ECE_CHV_SCHED_ITEMS
- ECE_CHV_SCHED_ITEMS_X
- ECE_CHV_SCHED_ITEM_DET
- ECE_CHV_SCHED_ITEM_DET_X
- ECE_DSNO_ALLOWANCE_CHARGES
- ECE_DSNO_ALLOWANCE_CHARGES_X
- ECE_DSNO_CONTAINERS
- ECE_DSNO_CONTAINERS_X
- ECE_DSNO_DELIVERIES

- ECE_DSNO_DELIVERIES_X
- ECE_DSNO_DELIVERY_ATTRIBS
- ECE_DSNO_DELIVERY_ATTRIBS_X
- ECE_DSNO_ITEMS
- ECE_DSNO_ITEMS_X
- ECE_DSNO_ITEM_DETAILS
- ECE_DSNO_ITEM_DETAILS_X
- ECE_DSNO_ORDERS
- ECE_DSNO_ORDERS_X
- ECE_ERROR
- ECE_SPSO_HEADERS
- ECE_SPSO_HEADERS_X
- ECE_SPSO_ITEMS
- ECE_SPSO_ITEMS_X
- ECE_SPSO_ITEM_DET
- ECE_SPSO_ITEM_DET_X
- ECE_TP_GROUP

Changed Tables

Changed to support outbound transactions:

ECE_INTERFACE_	Column Name	Datatype / Size
COLUMNS		
New Columns	INTERFACE_COLUMN_NAME	VARCHAR2 50
	BASE_TABLE_NAME	VARCHAR2 50
	BASE_COLUMN_NAME	VARCHAR2 50
	DATA_TYPE	VARCHAR2 20
	CONVERSION_GROUP_ID	NUMBER 22
	XREF_CATEGORY_ALLOWED	VARCHAR2 1
	XREF_CATEGORY_ID	NUMBER 22
	XREF_KEY1_SOURCE_COLUMN	VARCHAR2 30

ECE_INTERFACE_ COLUMNS	Column Name	Datatype / Size
	XREF_KEY2_SOURCE_COLUMN	VARCHAR2 30
	XREF_KEY3_SOURCE_COLUMN	VARCHAR2 30
	XREF_KEY4_SOURCE_COLUMN	VARCHAR2 30
	XREF_KEY5_SOURCE_COLUMN	VARCHAR2 30
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_INTERFACE_ TABLES	Column Name	Datatype / Size
New Columns	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support lookup values:

ECE_LOOKUP_ VALUES	Column Name	Datatype / Size
New Columns	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support output file definition:

ECE_OUTPUT	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support trading partner definitions:

ECE_TP_DETAILS	Column Name	Datatype / Size
New Columns	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_TP_HEADERS	Column Name	Datatype / Size
New Columns	TP_GROUP_ID	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support code conversion:

ECE_XREF_CATEGORIES	Column Name	Datatype / Size
New Columns	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_XREF_DATA	Column Name	Datatype / Size
New Columns	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support outbound Oracle Purchasing-related transactions:

ECE_PO_INTERFACE_HEADERS	Column Name	Datatype / Size
New Columns	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE
	PO_BUYER_EMAIL_ADDRESS	VARCHAR2 240
	PO_BUYER_WORK_TELEPHONE	VARCHAR2 60
	PO_BUYER_MISC_TELEPHONE1	VARCHAR2 60
	PO_BUYER_MISC_TELEPHONE2	VARCHAR2 60
	PO_BUYER_MISC_TELEPHONE3	VARCHAR2 60

ECE_PO_INTERFACE_ LINES		
	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE
	CONTRACT_PO_LINE_NUMBER	NUMBER 22
	LINE_PART_SEGMENT1	VARCHAR2 40
	LINE_PART_SEGMENT2	VARCHAR2 40
	LINE_PART_SEGMENT3	VARCHAR2 40
	LINE_PART_SEGMENT4	VARCHAR2 40
	LINE_PART_SEGMENT5	VARCHAR2 40
	LINE_PART_SEGMENT6	VARCHAR2 40
	LINE_PART_SEGMENT7	VARCHAR2 40
	LINE_PART_SEGMENT8	VARCHAR2 40
	LINE_PART_SEGMENT9	VARCHAR2 40
	LINE_PART_SEGMENT10	VARCHAR2 40
	LINE_PART_SEGMENT11	VARCHAR2 40
	LINE_PART_SEGMENT12	VARCHAR2 40
	LINE_PART_SEGMENT13	VARCHAR2 40
	LINE_PART_SEGMENT14	VARCHAR2 40
	LINE_PART_SEGMENT15	VARCHAR2 40
	LINE_PART_SEGMENT16	VARCHAR2 40

ECE_PO_INTERFACE_ LINES	Column Name	Datatype / Size
	LINE_PART_SEGMENT17	VARCHAR2 40
	LINE_PART_SEGMENT18	VARCHAR2 40
	LINE_PART_SEGMENT19	VARCHAR2 40
	LINE_PART_SEGMENT20	VARCHAR2 40

ECE_PO_INTERFACE_ SHIPMENTS	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE
	QUANTITY_PENDING	NUMBER 22

ECE_PO_INTERFACE_ HEADERS_X	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22

ECE_PO_INTERFACE_ HEADERS_X	Column Name	Datatype / Size
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	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_PO_INTERFACE_ LINES_X	Column Name	Datatype / Size
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New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_PO_INTERFACE_ SHIPMENTS_X	Column Name	Datatype / Size
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New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Changed to support Oracle Receivables-related transactions:

ECE_AR_TRX_ HEADERS	Column Name	Datatype / Size
New Columns	SHIP_FROM_CODE_INT	VARCHAR2 3
	SHIP_FROM_CODE_EXT	VARCHAR2 80
	PAYMENT_TERM_NAME_EXT1	VARCHAR2 80
	PAYMENT_TERM_NAME_EXT2	VARCHAR2 80
	PAYMENT_TERM_NAME_EXT3	VARCHAR2 80
	PAYMENT_TERM_NAME_EXT4	VARCHAR2 80
	PAYMENT_TERM_NAME_EXT5	VARCHAR2 80
	BILL_TO_TP_REFERENCE_EXT1	VARCHAR2 240
	BILL_TO_TP_REFERENCE_EXT2	VARCHAR2 240
	SHIP_TO_TP_REFERENCE_EXT1	VARCHAR2 240
	SHIP_TO_TP_REFERENCE_EXT2	VARCHAR2 240
	SOLD_TO_TP_REFERENCE_EXT1	VARCHAR2 240
	SOLD_TO_TP_REFERENCE_EXT2	VARCHAR2 240
	REMIT_TO_TP_REFERENCE_EXT1	VARCHAR2 240
	REMIT_TO_TP_REFERENCE_EXT2	VARCHAR2 240
	INVOICE_NAME	VARCHAR2 20
	INVOICE_NAME_EXT1	VARCHAR2 80
	INVOICE_NAME_EXT2	VARCHAR2 80
	INVOICE_NAME_EXT3	VARCHAR2 80
	INVOICE_NAME_EXT4	VARCHAR2 80
	INVOICE_NAME_EXT5	VARCHAR2 80
	CREATED_BY	NUMBER 22
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22

ECE_AR_TRX_ HEADERS	Column Name	Datatype / Size
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE
	TRANSACTION_ATTRIBUTE_CATEGORY	VARCHAR2 30
	TRANSACTION_ATTRIBUTE1	VARCHAR2 150
	TRANSACTION_ATTRIBUTE2	VARCHAR2 150
	TRANSACTION_ATTRIBUTE3	VARCHAR2 150
	TRANSACTION_ATTRIBUTE4	VARCHAR2 150
	TRANSACTION_ATTRIBUTE5	VARCHAR2 150
	TRANSACTION_ATTRIBUTE6	VARCHAR2 150
	TRANSACTION_ATTRIBUTE7	VARCHAR2 150
	TRANSACTION_ATTRIBUTE8	VARCHAR2 150
	TRANSACTION_ATTRIBUTE9	VARCHAR2 150
	TRANSACTION_ATTRIBUTE10	VARCHAR2 150
	TRANSACTION_ATTRIBUTE11	VARCHAR2 150
	TRANSACTION_ATTRIBUTE12	VARCHAR2 150
	TRANSACTION_ATTRIBUTE13	VARCHAR2 150
	TRANSACTION_ATTRIBUTE14	VARCHAR2 150
Obsolete Columns	SHIPMENT_AMOUNT	
	INTERFACE_ATTRIBUTE_CATEGORY	
	INTERFACE_ATTRIBUTE1	
	INTERFACE_ATTRIBUTE2	
	INTERFACE_ATTRIBUTE3	
	INTERFACE_ATTRIBUTE4	
	INTERFACE_ATTRIBUTE5	
	INTERFACE_ATTRIBUTE6	
	INTERFACE_ATTRIBUTE7	

ECE_AR_TRX_HEADERS	Column Name	Datatype / Size
	INTERFACE_ATTRIBUTE8	
	INTERFACE_ATTRIBUTE9	
	INTERFACE_ATTRIBUTE10	
	INTERFACE_ATTRIBUTE11	
	INTERFACE_ATTRIBUTE12	
	INTERFACE_ATTRIBUTE13	
	INTERFACE_ATTRIBUTE14	
	INTERFACE_ATTRIBUTE15	
	TRANSACTION_ATTRIBUTE15	

ECE_AR_TRX_LINES	Column Name	Datatype / Size
New Columns	SHIP_ORDER_STATUS_INT	NUMBER 22
	SHIP_ORDER_STATUS_INT	NUMBER 22
	SHIP_ORDER_STATUS_EXT	VARCHAR2 80
	TRANSACTION_REFERENCE_KEY	VARCHAR2 30
	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_AR_TRX_LINE_TAX	Column Name	Datatype / Size
	COMMUNICATION_METHOD	VARCHAR2 30
	TRANSACTION_TYPE	VARCHAR2 30
	TRANSACTION_ID	NUMBER 22
	LINE_NUMBER	NUMBER 22
	TAX_EXEMPT_FLAG	VARCHAR2 1
	TAX_EXEMPT_NUMBER	VARCHAR2 80
	TAX_EXEMPT_REASON_CODE	VARCHAR2 30
	TAX_TYPE	VARCHAR2 30
	TAX_TYPE_EXT1	VARCHAR2 80
	TAX_TYPE_EXT2	VARCHAR2 80
	TAX_TYPE_EXT3	VARCHAR2 80
	TAX_TYPE_EXT4	VARCHAR2 80
	TAX_TYPE_EXT5	VARCHAR2 80
	DESCRIPTION	VARCHAR2 60
	LOCATION	VARCHAR2 60
	TAX_CLASSIFICATION	VARCHAR2 30
	TAX_CLASSIFICATION_EXT1	VARCHAR2 80
	TAX_CLASSIFICATION_EXT2	VARCHAR2 80
	TAX_CLASSIFICATION_EXT3	VARCHAR2 80
	TAX_CLASSIFICATION_EXT4	VARCHAR2 80
	TAX_CLASSIFICATION_EXT5	VARCHAR2 80
	VAT_TRANSACTION_TYPE	VARCHAR2 30
	VAT_TRANSACTION_TYPE_EXT1	VARCHAR2 80
	VAT_TRANSACTION_TYPE_EXT2	VARCHAR2 80
	VAT_TRANSACTION_TYPE_EXT3	VARCHAR2 80
	VAT_TRANSACTION_TYPE_EXT4	VARCHAR2 80
	VAT_TRANSACTION_TYPE_EXT5	VARCHAR2 80

ECE_AR_TRX_LINE_TAX	Column Name	Datatype / Size
	VAT_TAX_ATTRIBUTE_CATEGORY	VARCHAR2 30
	VAT_TAX_ATTRIBUTE1	VARCHAR2 150
	VAT_TAX_ATTRIBUTE2	VARCHAR2 150
	VAT_TAX_ATTRIBUTE3	VARCHAR2 150
	VAT_TAX_ATTRIBUTE4	VARCHAR2 150
	VAT_TAX_ATTRIBUTE5	VARCHAR2 150
	VAT_TAX_ATTRIBUTE6	VARCHAR2 150
	VAT_TAX_ATTRIBUTE7	VARCHAR2 150
	VAT_TAX_ATTRIBUTE8	VARCHAR2 150
	VAT_TAX_ATTRIBUTE9	VARCHAR2 150
	VAT_TAX_ATTRIBUTE10	VARCHAR2 150
	VAT_TAX_ATTRIBUTE11	VARCHAR2 150
	VAT_TAX_ATTRIBUTE12	VARCHAR2 150
	VAT_TAX_ATTRIBUTE13	VARCHAR2 150
	VAT_TAX_ATTRIBUTE14	VARCHAR2 150
	VAT_TAX_ATTRIBUTE15	VARCHAR2 150
	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE
	CHARGE_CODE_EXT1	VARCHAR2 80
	CHARGE_CODE_EXT2	VARCHAR2 80

ECE_AR_TRX_LINE_TAX	Column Name	Datatype / Size
	CHARGE_CODE_EXT3	VARCHAR2 80
	CHARGE_CODE_EXT4	VARCHAR2 80
	CHARGE_CODE_EXT5	VARCHAR2 80
	SPECIAL_CHARGES_CODE	VARCHAR2 30
	SPECIAL_CHARGES_CODE_EXT1	VARCHAR2 80
	SPECIAL_CHARGES_CODE_EXT2	VARCHAR2 80
	SPECIAL_CHARGES_CODE_EXT3	VARCHAR2 80
	SPECIAL_CHARGES_CODE_EXT4	VARCHAR2 80
	SPECIAL_CHARGES_CODE_EXT5	VARCHAR2 80
	SPECIAL_SERVICES_CODE	VARCHAR2 30
	SPECIAL_SERVICES_CODE_EXT1	VARCHAR2 80
	SPECIAL_SERVICES_CODE_EXT2	VARCHAR2 80
	SPECIAL_SERVICES_CODE_EXT3	VARCHAR2 80
	SPECIAL_SERVICES_CODE_EXT4	VARCHAR2 80
	SPECIAL_SERVICES_CODE_EXT5	VARCHAR2 80
Obsolete Columns	ALLOWANCE_CHARGE_INDICATOR	
	ALLOWANCE_CHARGE_AMOUNT	
	CHARGE_CODE	
	METHOD_HANDLING_CODE	
ECE_AR_TRX_HEADERS_X	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE N
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22

ECE_AR_TRX_HEADERS_X	Column Name	Datatype / Size
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_AR_TRX_LINES_X	Column Name	Datatype / Size
New Columns	CREATION_DATE	DATE
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE N
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

ECE_AR_TRX_LINE_TAX_X	Column Name	Datatype / Size
New Columns	CREATION_DATE	VARCAHR2 1
	CREATED_BY	NUMBER 22
	LAST_UPDATE_DATE	DATE N
	LAST_UPDATED_BY	NUMBER 22
	LAST_UPDATE_LOGIN	NUMBER 22
	REQUEST_ID	NUMBER 22
	PROGRAM_APPLICATION_ID	NUMBER 22
	PROGRAM_ID	NUMBER 22
	PROGRAM_UPDATE_DATE	DATE

Obsolete Tables

- ECE_SOURCE_DATA_LOC
- ECE_OE_SHIPPING_HEADERS
- ECE_OE_SHIPPING_LINES
- ECE_OE_SHIPPING_LINE_DETAILS
- ECE_OE_SHIPPING_HEADERS_X
- ECE_OE_SHIPPING_LINES_X
- ECE_OE_SHIPPING_LINE_DETAILS_X

New Views

- ECE_ADDRESS_TP
- ECE_ADVO_DETAILS_V
- ECE_ADVO_HEADERS_V
- ECE_CONTACT_PHONE
- ECE_CUSTOMER_PHONE
- ECE_DSNO_ALLOWANCE_CHARGES_V
- ECE_DSNO_CONTAINERS_V
- ECE_DSNO_DELIVERIES_V
- ECE_DSNO_DELIVERY_ATTRIBS_V
- ECE_DSNO_ITEMS_V
- ECE_DSNO_ITEM_DETAILS_V
- ECE_DSNO_ORDERS_V
- ECE_DSNO_PACKED_QUANTITY_V
- ECE_INO_HEADER_1_V
- ECE_INO_ALLOWANCE_CHARGES_V
- ECE_POCO_HEADERS_V
- ECE_POCO_LINES_V
- ECE_POCO_SHIPMENTS_V
- ECE_PRIMARY_CONTACT_PHONE_V
- ECE_PRIMARY_CUSTOMER_PHONE_V
- ECE_PYO_INVOICE_V

- ECE_PYO_PAYMENT_V
- ECE_RCO_ADDRESS
- ECE_RSU_CONTACT
- ECE_RSU_NOCONTACT
- ECE_SPSO_HEADERS_V
- ECE_SPSO_ITEMS_V
- ECE_SSSO_HEADERS_V
- ECE_SSSO_ITEMS_V

Changed Views

ECE_POO_HEADERS_V	Columns
New Columns	POR_RELEASE_ID
	NOTE_TO_VENDOR
	BUYER_EMAIL_ADDRESS
	BUYER_WORK_TELEPHONE
	BUYER_MISC_TELEPHONE1
	BUYER_MISC_TELEPHONE2
	BUYER_MISC_TELEPHONE3
Obsolete Columns	POR_REVISION_NUM
	POR_REVISIED_DATE
	NOTE_TO_VENDOR1
	NOTE_TO_VENDOR2
	NOTE_TO_VENDOR3
ECE_POO_LINES_V	Columns
New Columns	NOTE_TO_VENDOR
	LP_SEGMENT1
	LP_SEGMENT2
	LP_SEGMENT3

ECE_POO_LINES_V	Columns
	LP_SEGMENT4
	LP_SEGMENT5
	LP_SEGMENT6
	LP_SEGMENT7
	LP_SEGMENT8
	LP_SEGMENT9
	LP_SEGMENT10
	LP_SEGMENT11
	LP_SEGMENT12
	LP_SEGMENT13
	LP_SEGMENT14
	LP_SEGMENT15
	LP_SEGMENT16
	LP_SEGMENT17
	LP_SEGMENT18
	LP_SEGMENT19
	LP_SEGMENT20
	POR_RELEASE_ID
	POR_RELEASE_NUM
	POR_SOURCE_LINE_NUM
	SHIPMENT_TYPE
Obsolete Columns	NOTE_TO_VENDOR1
	NOTE_TO_VENDOR2
	NOTE_TO_VENDOR3

ECE_POO_SHIPMENTS_V	Columns
New Columns	QUANTITY_RECEIVED
	POR_RELEASE_ID
	POR_RELEASE_NUM
Obsolete Columns	QUANTITY
	QUANTITY_DELIVERED (deleted)
ECE_INO_HEADER_V	Columns
New Columns	INVOICE_NAME
	SHIP_FROM_CODE_INT
	SHIP_FROM_CODE_EXT
	BILL_TO_TP_REFERENCE_EXT1
	BILL_TO_TP_REFERENCE_EXT2
	SHIP_TO_TP_REFERENCE_EXT1
	SHIP_TO_TP_REFERNECE_EXT2
	SOLD_TO_TP_REFERENCE_EXT1
	SOLD_TO_TP_REFERENCE_EXT2
	REMIT_TO_TP_REFERENCE_EXT1
	REMIT_TO_TP_REFERENCE_EXT2
	INTERFACE_ATTRIBUTE1
	INTERFACE_ATTRIBUTE2
	INTERFACE_ATTRIBUTE3
	INTERFACE_ATTRIBUTE4
	INTERFACE_ATTRIBUTE5
	INTERFACE_ATTRIBUTE6
	INTERFACE_ATTRIBUTE7
	INTERFACE_ATTRIBUTE8
	INTERFACE_ATTRIBUTE9

ECE_INO_ HEADER_V	Columns
	INTERFACE_ATTRIBUTE10
	INTERFACE_ATTRIBUTE11
	INTERFACE_ATTRIBUTE12
	INTERFACE_ATTRIBUTE13
	INTERFACE_ATTRIBUTE14
	INTERFACE_ATTRIBUTE15
	TRANSACTION_ATTRIBUTE_CATEGORY
	TRANSACTION_ATTRIBUTE1
	TRANSACTION_ATTRIBUTE2
	TRANSACTION_ATTRIBUTE3
	TRANSACTION_ATTRIBUTE4
	TRANSACTION_ATTRIBUTE5
	TRANSACTION_ATTRIBUTE6
	TRANSACTION_ATTRIBUTE7
	TRANSACTION_ATTRIBUTE8
	TRANSACTION_ATTRIBUTE9
	TRANSACTION_ATTRIBUTE10
	TRANSACTION_ATTRIBUTE11
	TRANSACTION_ATTRIBUTE12
	TRANSACTION_ATTRIBUTE13
	TRANSACTION_ATTRIBUTE14
Obsolete Columns	AMT_CHARGES_DUE
	INTERFACE_ATTRIBUTE_CATEGORY
	TRANSACTION_ATTRIBUTE15

ECE_INO_LINE_V	Columns
New Columns	SHIP_ORDER_STATUS_INT
	TRANSACTION_REFERENCE_KEY
ECE_INO_LINE_TAX_V	Columns
New Columns	CUSTOMER_TRX_LINE_ID
	TAX_EXEMPT_FLAG
	TAX_EXEMPT_NUMBER
	TAX_EXEMPT_REASON_CODE
	TAX_TYPE
	DESCRIPTION
	LOCATION
	TAX_CLASSIFICATION
	VAT_TRANSACTION_TYPE
	VAT_TAX_ATTRIBUTE_CATEGORY
	VAT_TAX_ATTRIBUTE1
	VAT_TAX_ATTRIBUTE2
	VAT_TAX_ATTRIBUTE3
	VAT_TAX_ATTRIBUTE4
	VAT_TAX_ATTRIBUTE5
	VAT_TAX_ATTRIBUTE6
	VAT_TAX_ATTRIBUTE7
	VAT_TAX_ATTRIBUTE8
	VAT_TAX_ATTRIBUTE9
	VAT_TAX_ATTRIBUTE10
	VAT_TAX_ATTRIBUTE11
	VAT_TAX_ATTRIBUTE12
	VAT_TAX_ATTRIBUTE13
	VAT_TAX_ATTRIBUTE14

ECE_INO_LINE_TAX_V	Columns
	VAT_TAX_ATTRIBUTE15
Obsolete Columns	CHARGE_CODE
	ALLOWANCE_CHARGE_INDICATOR
	SPECIAL_CHARGES_CODE
	SPECIAL_SERVICES_CODE
	METHOD_HANDLING_CODE

Obsolete Views

- ECE_ASNO_LINES_V
- ECE_ASNO_LINE_DETAILS_V
- ECE_ASNO_HEADERS_V

New Indexes

- ECE_ADVO_DETAILS_N1
- ECE_ADVO_DETAILS_U1
- ECE_ADVO_DETAILS_INTERFACE_U1
- ECE_ADVO_DETAIL_INTERFACE_X_U1
- ECE_ADVO_HEADERS_U1
- ECE_ADVO_HEADERS_INTERFACE_U1
- ECE_ADVO_HEADER_INTERFACE_X_U1
- ECE_AP_CHECKS_INTERFACE_X_U1
- ECE_AP_INVOICES_INTERFACE_X_U1
- ECE_AR_TRX_HEADER_1_U1
- ECE_AR_TRX_ALLOWAN_CHARG_X_U1
- ECE_AR_TRX_ALLOWANCE_CHARGE_U1
- ECE_AR_TRX_HEADER_1_X_U1
- ECE_CHV_SCHED_HEADERS_U1
- ECE_CHV_SCHED_HEADERS_X_U1

- ECE_CHV_SCHED_ITEMS_U1
- ECE_CHV_SCHED_ITEMS_X_U1
- ECE_CHV_SCHED_ITEM_DET_U1
- ECE_CHV_SCHED_ITEM_DET_U1
- ECE_DSNO_ALLOWANCE_CHARGES_U1
- ECE_DSNO_ALLOWANCE_CHARGE_X_U1
- ECE_DSNO_CONTAINERS_U1
- ECE_DSNO_CONTAINERS_X_U1
- ECE_DSNO_DELIVERIES_U1
- ECE_DSNO_DELIVERIES_X_U1
- ECE_DSNO_DELIVERY_ATTRIBS_U1
- ECE_DSNO_DELIVERY_ATTRIBS_X_U1
- ECE_DSNO_ITEMS_U1
- ECE_DSNO_ITEMS_X_U1
- ECE_DSNO_ITEM_DETAILS_U1
- ECE_DSNO_ITEM_DETAILS_X_U1
- ECE_DSNO_ORDERS_U1
- ECE_DSNO_ORDERS_X_U1
- ECE_SPSO_HEADERS_U1
- ECE_SPSO_HEADERS_X_U1
- ECE_SPSO_ITEMS_U1
- ECE_SPSO_ITEMS_N1
- ECE_SPSO_ITEMS_X_U1
- ECE_SPSO_ITEM_DET_U1
- ECE_SPSO_ITEM_DET_N1
- ECE_SPSO_ITEM_DET_X_U1
- ECE_TP_GROUP_ID_U1
- ECE_TP_GROUP_U2

Obsolete Indexes

- ECE_SOURCE_DATA_LOC_U1

- ECE_SOURCE_DATA_LOC_U2
- ECE_OE_SHIPPING_LINES_N1
- ECE_OE_SHIPPING_LINES_U2
- ECE_OE_SHIP_LINE_DETAILS_N1
- ECE_OE_SHIP_LINE_DETAILS_U2
- ECE_OE_SHIPPING_HEADERS_X_U1
- ECE_OE_SHIPPING_LINE_X_U1
- ECE_OE_SHIP_LINE_DETAILS_X_U1
- ECE_OE_SHIPPING_HEADERS_N1
- ECE_OE_SHIPPING_HEADERS_U2

New Sequences

- ECE_ADVO_DETAILS_INTERFACE_S
- ECE_ADVO_DETAILS_S
- ECE_ADVO_HEADERS_INTERFACES
- ECE_ADVO_HEADERS_S
- ECE_AP_CHECKS_INTERFACE_S
- ECE_AP_INVOICES_INTERFACE_S
- ECE_AR_TRX_HEADER_1_S
- ECE_AR_TRX_ALLOWANCE_CHARGES_S
- ECE_CHV_SCHED_HEADERS_S
- ECE_CHV_SCHED_ITEMS_S
- ECE_CHV_SCHED_ITEM_DET_S
- ECE_CONVERSION_GROUP_S
- ECE_DSNO_ALLOWANCE_CHARGES_S
- ECE_DSNO_CONTAINERS_S
- ECE_DSNO_DELIVERIES_S
- ECE_DSNO_ITEMS_S
- ECE_DSNO_ITEM_DETAILS_S
- ECE_DSNO_ORDERS_S
- ECE_ERROR_S

- ECE_POCO_HEADER_S
- ECE_POCO_LINE_S
- ECE_POCO_SHIPMENT_S
- ECE_SPSO_HEADERS_S
- ECE_SPSO_ITEMS_S
- ECE_SPSO_ITEM_DET_S
- ECE_TIME_STAMP_SEQ_NUMBER_S
- ECE_TP_GROUP_ID_S

Obsolete Sequences

- ECE_SOURCE_DATA_LOC_S
- ECE_OE_SHIPPING_LINES_S
- ECE_OE_SHIPPING_LINE_DETAILS_S
- ECE_OE_SHIPPING_HEADERS_S

Seed Data

Oracle EDI Gateway includes the following seed data changes made since Release 10.7, Production 16 of Oracle Applications.

New QuickCodes

Lookup Type	Lookup Code
DOCUMENT	ADVO
DOCUMENT	ASNI
DOCUMENT	CATI
DOCUMENT	DSNO
DOCUMENT	INI
DOCUMENT	POCO
DOCUMENT	PYO
DOCUMENT	RRQI
DOCUMENT	SBNI

Lookup Type	Lookup Code
DOCUMENT	SPSO
DOCUMENT	SSSO
OUTPUT_LEVEL_ADVO	1
OUTPUT_LEVEL_ADVO	2
OUTPUT_LEVEL_ASNI	1
OUTPUT_LEVEL_ASNI	2
OUTPUT_LEVEL_CATI	1
OUTPUT_LEVEL_CATI	2
OUTPUT_LEVEL_DSNO	1
OUTPUT_LEVEL_DSNO	2
OUTPUT_LEVEL_DSNO	3
OUTPUT_LEVEL_DSNO	4
OUTPUT_LEVEL_DSNO	5
OUTPUT_LEVEL_DSNO	6
OUTPUT_LEVEL_DSNO	7
OUTPUT_LEVEL_DSNO	8
OUTPUT_LEVEL_INI	1
OUTPUT_LEVEL_INI	2
OUTPUT_LEVEL_INO	4
OUTPUT_LEVEL_INO	5
OUTPUT_LEVEL_INO	6
OUTPUT_LEVEL_POCO	1
OUTPUT_LEVEL_POCO	2
OUTPUT_LEVEL_POCO	3
OUTPUT_LEVEL_PYO	1
OUTPUT_LEVEL_PYO	2
OUTPUT_LEVEL_RRQI	1
OUTPUT_LEVEL_RRQI	2

Lookup Type	Lookup Code
OUTPUT_LEVEL_SBNI	1
OUTPUT_LEVEL_SBNI	2
OUTPUT_LEVEL_SPSO	1
OUTPUT_LEVEL_SPSO	2
OUTPUT_LEVEL_SPSO	3
OUTPUT_LEVEL_SSSO	1
OUTPUT_LEVEL_SSSO	2
OUTPUT_LEVEL_SSSO	3
ADVO:DOCUMENT_TYPE	ADV
ASNI:DOCUMENT_TYPE	ASNI
CATI:DOCUMENT_TYPE	CATI
DSNO:DOCUMENT_TYPE	DSNO
INI:DOCUMENT_TYPE	INI
POCO:DOCUMENT_TYPE	BLANKET
POCO:DOCUMENT_TYPE	PLANNED
POCO:DOCUMENT_TYPE	RELEASE
POCO:DOCUMENT_TYPE	STANDARD
PYO:DOCUMENT_TYPE	PAYMENT
RRQI:DOCUMENT_TYPE	RRQI
SBNI:DOCUMENT_TYPE	SBNI
SPSO:DOCUMENT_TYPE	SPS
SSSO:DOCUMENT_TYPE	SSS
ADVO:ENTITY	SUPPLIER
ASNI:ENTITY	CUSTOMER
CATI:ENTITY	SUPPLIER
INI:ENTITY	SUPPLIER
POCO:ENTITY	SUPPLIER
RRQI:ENTITY	SUPPLIER

Lookup Type	Lookup Code
SBNI:ENTITY	CUSTOMER
SPSO:ENTITY	SUPPLIER
SSSO:ENTITY	SUPPLIER

Obsolete QuickCodes

- OUTPUT_LEVEL_ASNO
- OUTPUT_LEVEL_ASNO
- OUTPUT_LEVEL_ASNO
- TRANSMISSION_METHOD

New Validation Sets

- ECE_SRS_DOCUMENT_TYPE_ALL
- ECE_SRS_POCO_DOCUMENT_TYPE
- ECE_SRS_TP
- ECE_SRS_TP_GROUP
- ECE_SRS_YES_NO

Obsolete Validation Sets

- ECE_SRS_ASNO_CUSTOMERS
- ECE_SRS_ASNO_SITES

Obsolete Request Sets

- EDI PO Inbound Set

Key Columns Used for Common Keys

The following key columns are used in the common key section of the data file layout. They are defined in the ECE_INTERFACE_TABLES table.

New Key Columns Used in Common Key Section of Data File Layout

Table	Column
ECE_ADVO_HEADERS_INTERFACE	EXTERNAL_REFERENCE1
ECE_ADVO_DETAILS_INTERFACE	EXTERNAL_REFERENCE1
ECE_DSNO_DELIVERIES	DELIVERY_NAME
ECE_DSNO_ORDERS	SALES_ORDER_NUMBER
ECE_DSNO_ITEMS	SUPPLIER_PART_NUMBER
ECE_AP_CHECKS_INTERFACE	CHECK_NUMBER
ECE_AP_INVOICES_INTERFACE	INVOICE_NUM
ECE_SPSO_HEADERS	DOCUMENT_CODE
ECE_SPSO_ITEMS	ITEM_NUMBER
ECE_SPSO_ITEM_DET	SCHEDULE_ITEM_DETAIL_SEQUENCE

Obsolete Key Columns Used in Common Key Section of File Layout

Table	Column
ECE_OE_SHIPPING_HEADERS	PICK_SLIP_NUMBER
ECE_OE_SHIPPING_LINES	SHIPMENT_LINE_NUMBER
ECE_OE_SHIPPING_LINE_DETAILS	SHIPMENT_LINE_DETAIL_NUMBER

Code Conversion Categories

The following code conversion categories are seeded.

New Code Conversion Categories

- ACTION_TYPE
- BANK_ACCT_TYPE
- BANK_BRCH_ID
- BANK_BRCH_TYPE
- BILL_TO_LOCATION
- BUYER_ITEM

- BUYER_PRODUCT
- CARRIER
- COMPANY_CODE
- CONTAINER_CODE
- CONTAINER_TYPE_CODE
- CURR_CONV_TYPE
- CUSTOMER_CODE
- FOB_PAYMENT
- INVOICE_SITE
- INVOICE_TYPE
- ITEM_CATEGORY
- ITEM_TYPE
- LOC_BANK_BRCH_SITE
- LOC_VENDOR_SITE
- ORDER_TYPE
- PAY_TYPE
- SHIP_ORDER_STAT
- SHIP_TO_LOCATION
- SHIP_TO_ORG
- SHIP_TO_SITE
- SS_DESCRIPTOR
- SUPPLIER_NUMBER
- SUPPLIER_SITE
- TAX_CODE
- TAX_JURS
- TAX_NAME
- VENDOR_BANK_ACCT_TYPE
- VENDOR_BANK_BRCH_TYPE
- VENDOR_NAME
- VENDOR_NUMBER

- VENDOR_SITE
- WAREHOUSE
- WAREHOUSE_SITE
- X12_MAPPING

Obsolete Code Conversion Categories

- BNK_ACCT
- BNK_BRCH
- INVOICE
- ITEM
- ORDER

Changed Data Interface Files

This section lists changes made to interface data files between Release 10.7 (Production 16) and Release 11. It affects the Invoice Outbound, Purchase Order Inbound, and Purchase Order Outbound transactions.

This section is organized by transaction. Within each transaction, there are two or more text tables, each corresponding to a particular interface table in the database. Each row consists of the following:

- interface column belonging to the interface table in the database
- five text columns, consisting of the Release 10.7:
 - layout code (Lay.)
 - qualifier (Qua.)
 - record (Rec.)
 - position (Pos.)
 - width (Wid.)
- five text columns, consisting of the Release 11:
 - layout code (Lay.)
 - qualifier (Qua.)
 - record (Rec.)
 - position (Pos.)
 - width (Wid.)

To understand the changes made between Release 10.7 (Production 16), compare the five Release 10.7 text columns with the five Release 11 text columns. For those interface columns that do not have Release 10.7 values (for layout, qualifier, record, position, and width), then the Release 11 values are new for Release 11. For those interface columns that do not have Release 11 values, then those values have been removed from Release 11.

Invoice Outbound (810 / INVOIC)

Interface Column	Release 10.7 (Production 16)					Release 11				
	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
TP_DESCRIPTION	CT	CTL	10	90	71	CT	CTL	10	90	74
TP_TRANSLATOR_CODE	CT	CTL	10	70	35	CT	CTL	10	70	30
BILL_TO_TP_REFERENCE_EXT 1						RF	BT1	1015	10	80
BILL_TO_TP_REFERENCE_EXT 2						RF	BT1	1015	20	80
SHIP_TO_TP_REFERENCE_EXT 1						RF	ST1	1115	10	80
SHIP_TO_TP_REFERENCE_EXT 2						RF	ST1	1115	20	80
SOLD_TO_TP_REFERENCE_EX T1						RF	SO1	1215	10	80
SOLD_TO_TP_REFERENCE_EX T2						RF	SO1	1215	20	80
REMIT_TO_TP_REFERENCE_EX T1						RF	RE1	1315	10	80
REMIT_TO_TP_REFERENCE_EX T2						RF	RE1	1315	20	80
SHIP_FROM_CODE_EXT						SF	SF1	1400	20	80
SHIP_FROM_CODE_INT						SF	SF1	1400	10	3
AMOUNT_CHARGES_DUE	IV	IV1	2000	200	22	IV	IV1	2010	20	22
INVOICE_NAME						IV	IV1	2000	190	20

Table 7 - 1 Invoice Outbound (Page 1 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
INVOICE_NAME_EXT1						IV	IV1	2000	200	10
AMOUNT_CHARGES_DUE	IV	IV2	2000	200	22	IV	IV2	2010	20	22
CREDIT_MEMO_REASON	IV	IV2	2010	10	30	IV	IV2	2020	10	30
INSTALLMENT_NUMBER	IV	IV2	2010	40	22	IV	IV2	2020	40	22
MAXIMUM_INSTALLMENT_NUMBER	IV	IV2	2010	50	22	IV	IV2	2020	50	22
TRANSACTION_SOURCE	IV	IV2	2010	30	50	IV	IV2	2020	30	50
TRANSMISSION_LEAD_DAYS	IV	IV2	2010	20	22	IV	IV2	2020	20	22
CREDIT_MEMO_REASON	IV	IV3	2020	10	30	IV	IV3	2010	10	30
INSTALLMENT_NUMBER	IV	IV3	2020	40	22	IV	IV3	2010	40	22
MAXIMUM_INSTALLMENT_NUMBER	IV	IV3	2020	50	22	IV	IV3	2010	50	22
SHIP_VIA	IV	IV3	2020	20	30	IV	IV3	2030	20	30
SHIP_VIA_EXT1	IV	IV3	2020	30	30	IV	IV3	2030	30	30
SHIP_VIA_EXT2	IV	IV3	2020	40	30	IV	IV3	2030	40	30
SHIP_VIA_EXT3	IV	IV3	2020	50	30	IV	IV3	2030	50	30
SHIP_VIA_EXT4	IV	IV3	2020	60	30	IV	IV3	2030	60	30
SHIP_VIA_EXT5	IV	IV3	2020	70	30	IV	IV3	2030	70	30
SHIPMENT_FOB_POINT	IV	IV3	2020	80	30	IV	IV3	2030	80	30
SHIPMENT_FOB_POINT_EXT1	IV	IV3	2020	90	30	IV	IV3	2030	90	30
SHIPMENT_FOB_POINT_EXT2	IV	IV3	2020	100	30	IV	IV3	2030	100	30
SHIPMENT_FOB_POINT_EXT3	IV	IV3	2020	110	30	IV	IV3	2030	110	30
SHIPMENT_FOB_POINT_EXT4	IV	IV3	2020	120	30	IV	IV3	2030	120	30
SHIPMENT_FOB_POINT_EXT5	IV	IV3	2020	130	30	IV	IV3	2030	130	30
SHIPMENT_WAYBILL_NUMBER	IV	IV3	2020	10	30	IV	IV3	2030	10	30
BASE_CURRENCY_CODE	IV	IV4	2030	40	15	IV	IV4	2040	40	15
BASE_CURRENCY_CODE_EXT1	IV	IV4	2030	50	15	IV	IV4	2040	50	15

Table 7 - 1 Invoice Outbound (Page 2 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
CURRENCY_CODE	IV	IV4	2030	10	15	IV	IV4	2040	10	15
CURRENCY_CODE_EXT1	IV	IV4	2030	20	15	IV	IV4	2040	20	15
CURRENCY_EXCHANGE_RATE	IV	IV4	2030	30	22	IV	IV4	2040	30	22
DISCOUNT_DATE1	IV	IV5	2040	100	10	IV	IV5	2050	100	10
DISCOUNT_DATE2	IV	IV5	2040	150	10	IV	IV5	2050	150	10
DISCOUNT_DATE3	IV	IV5	2040	200	10	IV	IV5	2050	200	10
DISCOUNT_DAY_OF_MONTH1	IV	IV5	2040	110	10	IV	IV5	2050	110	10
DISCOUNT_DAY_OF_MONTH2	IV	IV5	2040	160	10	IV	IV5	2050	160	10
DISCOUNT_DAY_OF_MONTH3	IV	IV5	2040	210	10	IV	IV5	2050	210	10
DISCOUNT_DAYS1	IV	IV5	2040	90	10	IV	IV5	2050	90	10
DISCOUNT_DAYS2	IV	IV5	2040	140	10	IV	IV5	2050	140	10
DISCOUNT_DAYS3	IV	IV5	2040	190	10	IV	IV5	2050	190	10
DISCOUNT_MONTHS_FORWARD1	IV	IV5	2040	120	10	IV	IV5	2050	120	10
DISCOUNT_MONTHS_FORWARD2	IV	IV5	2040	170	10	IV	IV5	2050	170	10
DISCOUNT_MONTHS_FORWARD3	IV	IV5	2040	220	10	IV	IV5	2050	220	10
DISCOUNT_PERCENT1	IV	IV5	2040	80	10	IV	IV5	2050	80	10
DISCOUNT_PERCENT2	IV	IV5	2040	130	10	IV	IV5	2050	130	10
DISCOUNT_PERCENT3	IV	IV5	2040	180	10	IV	IV5	2050	180	10
PAYMENT_TERM_NAME	IV	IV5	2040	10	40	IV	IV5	2050	10	40
TERM_DUE_CUTOFF_DAY	IV	IV5	2040	60	10	IV	IV5	2050	60	10
TERM_DUE_DATE	IV	IV5	2040	30	10	IV	IV5	2050	30	10
TERM_DUE_DAY_OF_MONTH	IV	IV5	2040	50	10	IV	IV5	2050	50	10
TERM_DUE_DAYS	IV	IV5	2040	40	10	IV	IV5	2050	40	10
TERM_DUE_MONTHS_FORWARD	IV	IV5	2040	70	10	IV	IV5	2050	70	10

Table 7 - 1 Invoice Outbound (Page 3 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
TERM_DUE_PERCENT	IV	IV5	2040	20	10	IV	IV5	2050	20	10
COMMENTS	IV	IV6	2050	20	240	IV	IV6	2060	20	240
PAYMENT_TERM_NAME	IV	IV6	2040	10	40	IV	IV6	2050	10	40
PAYMENT_TERM_NAME_EXT1						IV	IV6	2050	230	30
PAYMENT_TERM_NAME_EXT2						IV	IV6	2050	240	30
PAYMENT_TERM_NAME_EXT3						IV	IV6	2050	250	30
PAYMENT_TERM_NAME_EXT4						IV	IV6	2050	260	30
PAYMENT_TERM_NAME_EXT5						IV	IV6	2050	270	30
PRIMARY_SALESREP_NAME	IV	IV6	2050	10	30	IV	IV6	2060	10	30
EQUIPMENT_PREFIX						IV	IV8	3075	10	10
EQUIPMENT_NUMBER						IV	IV8	3075	20	30
PACKING_SLIP_NUMBER						IV	IV8	3075	30	30
ROUTING_INSTRUCTIONS						IV	IV8	3075	40	150
HEADER_DETAIL_INDICATOR								3080		
LINE_NUMBER								3080		
ALLOWANCE_CHARGE_INDICATOR						AH	AH1	3080	10	1
ALLOWANCE_CHARGE_AMOUNT						AH	AH1	3080	20	22
SPECIAL_SERVICES_CODE						AH	AH1	3080	30	10
SPECIAL_SERVICES_CODE_EXT1						AH	AH1	3080	40	10
SPECIAL_SERVICES_CODE_EXT2						AH	AH1	3080	50	10
SPECIAL_SERVICES_CODE_EXT3						AH	AH1	3080	60	10
SPECIAL_SERVICES_CODE_EXT4						AH	AH1	3080	70	10
SPECIAL_SERVICES_CODE_EXT5						AH	AH1	3080	80	10

Table 7 - 1 Invoice Outbound (Page 4 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
METHOD_HANDLING_CODE						AH	AH1	3080	90	3
METHOD_HANDLING_CODE_EXT1						AH	AH1	3080	100	10
METHOD_HANDLING_CODE_EXT2						AH	AH1	3080	110	10
METHOD_HANDLING_CODE_EXT3						AH	AH1	3080	120	10
METHOD_HANDLING_CODE_EXT4						AH	AH1	3080	130	10
METHOD_HANDLING_CODE_EXT5						AH	AH1	3080	140	10
SPECIAL_CHARGES_CODE						AH	AH1	3080	150	3
SPECIAL_CHARGES_CODE_EXT1						AH	AH1	3080	160	10
SPECIAL_CHARGES_CODE_EXT2						AH	AH1	3080	170	10
SPECIAL_CHARGES_CODE_EXT3						AH	AH1	3080	180	10
SPECIAL_CHARGES_CODE_EXT4						AH	AH1	3080	190	10
SPECIAL_CHARGES_CODE_EXT5						AH	AH1	3080	200	10
ALLOWANCE_CHARGE_DESC						AH	AH2	3090	10	80
AGENCY_QUALIFIER_CODE						AH	AH2	3090	20	3
ALLOWANCE_CHARGE_RATE						AH	AH2	3090	30	22
ALLOWANCE_CHARGE_PCT_QUALIFIER						AH	AH2	3090	40	3
ALLOWANCE_CHARGE_PCT						AH	AH2	3090	50	22
AC_ATTRIBUTE_CATEGORY						AH	IH1	3091	10	80
AC_ATTRIBUTE1						AH	IH1	3091	20	80
AC_ATTRIBUTE2						AH	IH1	3091	30	80
AC_ATTRIBUTE3						AH	IH1	3091	40	80

Table 7 - 1 Invoice Outbound (Page 5 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
AC_ATTRIBUTE4						AH	IH1	3091	50	80
AC_ATTRIBUTE5						AH	IH2	3092	10	80
AC_ATTRIBUTE6						AH	IH2	3092	20	80
AC_ATTRIBUTE7						AH	IH2	3092	30	80
AC_ATTRIBUTE8						AH	IH2	3092	40	80
AC_ATTRIBUTE9						AH	IH2	3092	50	80
AC_ATTRIBUTE10						AH	IH3	3093	10	80
AC_ATTRIBUTE11						AH	IH3	3093	20	80
AC_ATTRIBUTE12						AH	IH3	3093	30	80
AC_ATTRIBUTE13						AH	IH3	3093	40	80
AC_ATTRIBUTE14						AH	IH3	3093	50	80
AC_ATTRIBUTE15						AH	IH4	3094	10	80
CUSTOMER_ITEM_DESC	IT	IT2	4010	60	125	IT	IT2	4010	60	240
CUSTOMER_ITEM_DESC	IT	IT2	4010	60	240	IT	IT2	4010	60	125
SHIP_ORDER_STATUS_EXT						IT	IT4	4030	20	80
SHIP_ORDER_STATUS_INT						IT	IT4	4030	10	22
TRANSACTION_REFERENCE_KEY						IT	IT4	4030	30	30
LINE_ATTRIBUTE11	A2	LN3	5050	30	80	A2	LN3	5060	20	80
LINE_ATTRIBUTE7	A2	LN2	5050	40	80	A2	LN2	5050	30	80
LINE_ATTRIBUTE8	A2	LN2	5050	50	80	A2	LN2	5050	40	80
LINE_ATTRIBUTE9	A2	LN2	5050	60	80	A2	LN2	5050	50	80
LINE_ATTRIBUTE14	A2	LN3	5060	50	80	A2	LN3	5060	20	80
DESCRIPTION						TX	TX1	6000	70	60
LINE_NUMBER	TX	TX1	6000	60	22	TX	TX1	7000	10	22
LOCATION						TX	TX1	6000	80	60
TAX_TYPE						TX	TX2	6005	10	30

Table 7 - 1 Invoice Outbound (Page 6 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
TAX_TYPE_EXT1						TX	TX2	6005	20	50
TAX_TYPE_EXT2						TX	TX2	6005	30	50
TAX_TYPE_EXT3						TX	TX2	6005	40	50
TAX_TYPE_EXT4						TX	TX2	6005	50	50
TAX_TYPE_EXT5						TX	TX2	6005	60	50
TAX_CLASSIFICATION						TX	TX3	6010	40	30
TAX_CLASSIFICATION_EXT1						TX	TX3	6010	50	50
TAX_CLASSIFICATION_EXT2						TX	TX3	6010	60	50
TAX_CLASSIFICATION_EXT3						TX	TX3	6010	70	50
TAX_CLASSIFICATION_EXT4						TX	TX3	6010	80	50
TAX_CLASSIFICATION_EXT5						TX	TX3	6010	90	50
TAX_EXEMPT_FLAG						TX	TX3	6010	10	1
TAX_EXEMPT_NUMBER						TX	TX3	6010	20	80
TAX_EXEMPT_REASON_CODE	TX	TX3	6010	30	30	TX	TX3	6010	30	30
VAT_TAX_CODE_EXT1	TX	TX2	6010	20	80	TX	TX2	6020	20	80
VAT_TAX_CODE_EXT2	TX	TX2	6010	30	50	TX	TX2	6020	30	50
VAT_TAX_CODE_EXT3	TX	TX2	6010	40	50	TX	TX2	6020	40	50
VAT_TAX_CODE_EXT4	TX	TX2	6010	50	50	TX	TX2	6020	50	50
VAT_TAX_CODE_EXT5	TX	TX2	6010	60	50	TX	TX2	6020	60	50
VAT_TAX_CODE_INT	TX	TX2	6010	10	80	TX	TX2	6020	10	80
TAX_ATTRIBUTE_CATEGORY	A1	TX1	6020	10	30	A1	TX1	6030	10	30
TAX_ATTRIBUTE1	A1	TX1	6020	20	80	A1	TX1	6030	20	80
TAX_ATTRIBUTE2	A1	TX1	6020	30	80	A1	TX1	6030	30	80
TAX_ATTRIBUTE3	A1	TX1	6020	40	80	A1	TX1	6030	40	80
TAX_ATTRIBUTE4	A1	TX1	6020	50	80	A1	TX1	6030	50	80
VAT_TRANSACTION_TYPE	TX	TX5	6025	10	30					

Table 7 - 1 Invoice Outbound (Page 7 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
VAT_TRANSACTION_TYPE_EX T1	TX	TX5	6025	20	50					
VAT_TRANSACTION_TYPE_EX T2	TX	TX5	6025	30	50					
VAT_TRANSACTION_TYPE_EX T3	TX	TX5	6025	40	50					
VAT_TRANSACTION_TYPE_EX T4	TX	TX5	6025	50	50					
VAT_TRANSACTION_TYPE_EX T5	TX	TX5	6025	60	50					
TAX_ATTRIBUTE5	A2	TX2	6030	10	80	A2	TX2	6040	10	80
TAX_ATTRIBUTE6	A2	TX2	6030	20	80	A2	TX2	6040	20	80
TAX_ATTRIBUTE7	A2	TX2	6030	30	80	A2	TX2	6040	30	80
TAX_ATTRIBUTE8	A2	TX2	6030	40	80	A2	TX2	6040	40	80
TAX_ATTRIBUTE9	A2	TX2	6030	50	80	A2	TX2	6040	50	80
TAX_ATTRIBUTE10	A2	TX3	6040	10	80	A2	TX3	6050	10	80
TAX_ATTRIBUTE11	A2	TX3	6040	20	80	A2	TX3	6050	20	80
TAX_ATTRIBUTE12	A2	TX3	6040	30	80	A2	TX3	6050	30	80
TAX_ATTRIBUTE13	A2	TX3	6040	40	80	A2	TX3	6050	40	80
TAX_ATTRIBUTE14	A2	TX3	6040	50	80	A2	TX3	6050	50	80
VAT_TAX_ATTRIBUTE_CATEG ORY						A1	VT1	6070	10	30
VAT_TAX_ATTRIBUTE1						A1	VT1	6070	20	80
VAT_TAX_ATTRIBUTE2						A1	VT1	6070	30	80
VAT_TAX_ATTRIBUTE3						A1	VT1	6070	40	80
VAT_TAX_ATTRIBUTE4						A1	VT1	6070	50	80
VAT_TAX_ATTRIBUTE5						A2	VT2	6080	10	80
VAT_TAX_ATTRIBUTE6							VT2	6080	20	80
VAT_TAX_ATTRIBUTE7							VT2	6080	30	80
VAT_TAX_ATTRIBUTE8						A2	VT2	6080	40	80

Table 7 - 1 Invoice Outbound (Page 8 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
VAT_TAX_ATTRIBUTE9						A2	VT2	6080	50	80
VAT_TAX_ATTRIBUTE10						A2	VT3	6090	10	80
VAT_TAX_ATTRIBUTE11						A2	AT3	6090	20	80
VAT_TAX_ATTRIBUTE12						A2	VT3	6090	30	80
VAT_TAX_ATTRIBUTE13						A2	VT3	6090	40	80
VAT_TAX_ATTRIBUTE14						A2	VT3	6090	50	80
VAT_TAX_ATTRIBUTE15						A2	VT4	6095	10	80
ALLOWANCE_CHARGE_AMOUNT	AD	AD1	7000	20	22	AD	AD1	7000	30	22
ALLOWANCE_CHARGE_INDICATOR	AD	AD1	7000	10	1	AD	AD1	7000	20	1
CHARGE_CODE	AD	AD1	7000	100	50					
CHARGE_CODE_EXT1	AD	AD1	7000	110	10					
CHARGE_CODE_EXT2	AD	AD1	7000	120	10					
CHARGE_CODE_EXT3	AD	AD1	7000	130	10					
CHARGE_CODE_EXT4	AD	AD1	7000	140	10					
CHARGE_CODE_EXT5	AD	AD1	7000	150	10					
METHOD_HANDLING_CODE	AD	AD1	7000	90	50	AD	AD1	7000	100	3
METHOD_HANDLING_CODE_EXT1	AL	AD1	7000	110	10					
METHOD_HANDLING_CODE_EXT2	AL	AD1	7000	120	10					
METHOD_HANDLING_CODE_EXT3	AL	AD1	7000	130	10					
METHOD_HANDLING_CODE_EXT4	AL	AD1	7000	140	10					
METHOD_HANDLING_CODE_EXT5	AL	AD1	7000	150	10					
SPECIAL_CHARGES_CODE	AD	AD1	7000	160	50	AD	AD1	7000	160	3
SPECIAL_SERVICES_CODE	AD	AD1	7000	30	50	AD	AD1	7000	40	10

Table 7 - 1 Invoice Outbound (Page 9 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
SPECIAL_SERVICES_CODE_EX T1	AD	AD1	7000	40	10	AD	AD1	7000	50	10
SPECIAL_SERVICES_CODE_EX T2	AD	AD1	7000	50	10	AD	AD1	7000	60	10
SPECIAL_SERVICES_CODE_EX T3	AD	AD1	7000	60	10	AD	AD1	7000	70	10
SPECIAL_SERVICES_CODE_EX T4	AD	AD1	7000	70	10	AD	AD1	7000	80	10
SPECIAL_SERVICES_CODE_EX T5	AD	AD1	7000	80	10	AD	AD1	7000	90	10
AGENCY_QUALIFIER_CODE						AL	AD2	7010	20	3
ALLOWANCE_CHARGE_DESC						AL	AD2	7010	10	80
ALLOWANCE_CHARGE_PCT						AL	AD2	7010	50	22
ALLOWANCE_CHARGE_PCT_ QUALIFIER						AL	AD2	7010	40	3
ALLOWANCE_CHARGE_QUA NTITY						AL	AD2	7010	70	22
ALLOWANCE_CHARGE_RATE						AL	AD2	7010	30	22
ALLOWANCE_CHARGE_UOM _CODE						AL	AD2	7010	60	3
AC_ATTRIBUTE_CATEGORY						AL	IL1	7100	10	80
AC_ATTRIBUTE1	AL	IL1	7100	20	80					
AC_ATTRIBUTE2	AL	IL1	7100	30	80					
AC_ATTRIBUTE3	AL	IL1	7100	40	80					
AC_ATTRIBUTE4	AL	IL1	7100	50	80					
AC_ATTRIBUTE5	AL	IL2	7110	10	80					
AC_ATTRIBUTE6	AL	IL2	7110	20	80					
AC_ATTRIBUTE7	AL	IL2	7110	30	80					
AC_ATTRIBUTE8	AL	IL2	7110	40	80					
AC_ATTRIBUTE9	AL	IL2	7110	50	80					

Table 7 - 1 Invoice Outbound (Page 10 of 11)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
AC_ATTRIBUTE10	AL	IL3	7120	10	80					
AC_ATTRIBUTE11	AL	IL3	7120	20	80					
AC_ATTRIBUTE12	AL	IL3	7120	30	80					
AC_ATTRIBUTE13	AL	IL3	7120	40	80					
AC_ATTRIBUTE14	AL	IL3	7120	50	80					
AC_ATTRIBUTE15	AL	IL4	7130	10	80					

Table 7 - 1 Invoice Outbound (Page 11 of 11)

Purchase Order Inbound (850 / ORDERS)

	Release 10.7 (Production 16)					Release 11				
Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
HEADER_PO_CONTEXT	A1		1040	10	30	A1		1060	10	30
PO_ATTRIBUTE_1	A1		1040	20	80	A1		1060	20	80
PO_ATTRIBUTE_2	A1		1040	30	80	A1		1060	30	80
PO_ATTRIBUTE_3	A1		1040	40	80	A1		1060	40	80
PO_ATTRIBUTE_4	A1		1040	50	80	A1		1060	50	80
PO_ATTRIBUTE_5	A2		1050	10	80	A2		1070	10	80
PO_ATTRIBUTE_6	A2		1050	20	80	A2		1070	20	80
PO_ATTRIBUTE_7	A2		1050	30	80	A2		1070	30	80
PO_ATTRIBUTE_8	A2		1050	40	80	A2		1070	40	80
PO_ATTRIBUTE_9	A2		1050	50	80	A2		1070	50	80
AGREEMENT_NAME			1240	40	30			1030	40	30
DATE_REQUESTED_CURRENT			1240	30	15			1030	30	15
ORDER_SOURCE_ID			1240	20	22			1030	20	22

Table 7 - 2 Purchase Order Inbound (Page 1 of 2)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
ORIGINAL_SYSTEM_REFEREN CE			1240	10	50			1030	10	50
SHIPPING_INSTRUCTIONS			1250	10	240			1040	10	240
DOCUMENT_TYPE_EXT1			1260	20	5			1000	110	5
ENTERED_STATE_NAME			1260	30	30			1030	50	30
PACKING_INSTRUCTIONS			1260	10	240			1050	10	240
SHIP_METHOD_CODE						IT	IT6	2200	70	30
SHIPMENT_PRIORITY_CODE						IT	IT6	2200	80	30

Table 7 - 2 Purchase Order Inbound (Page 2 of 2)

Purchase Order Outbound (850 / ORDERS)

Interface Column	Release 10.7 (Production 16)					Release 11				
	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
PO_BUYER_EMAIL_ADDRESS						PO	PO4	1230	30	240
PO_BUYER_MISC_TELE- PHONE1						PO	PO5	1240	10	60
PO_BUYER_MISC_TELE- PHONE2						PO	PO5	1240	20	60
PO_BUYER_MISC_TELE- PHONE3						PO	PO5	1240	30	60
PO_BUYER_WORK_TELE- PHONE						PO	PO4	1230	40	60
PO_DESCRIPTION	PO	PO1	1000	90	80	PO	PO1	1000	70	80
PO_TYPE	PO	PO1	1000	100	10	PO	PO1	1000	80	10
RELEASE_REVISION_DATE	PO	PO1	1000	80	15					
RELEASE_REVISION_NUMBER	PO	PO1	1000	70	22					

Table 7 - 3 Purchase Order Outbound (Page 1 of 2)

Interface Column	Lay.	Qua.	Rec.	Pos.	Wid.	Lay.	Qua.	Rec.	Pos.	Wid.
VENDOR_SITE_ENTITY	AD	SU1	1160	20	20	AD	SU1	1160	20	22
SHIP_TO_LOCATION_CODE	AX	ST1	1190	10	20	AX	ST1	1190	10	22
CONTRACT_PO_LINE_NUMBER						IT	IT1	2000	110	22
LINE_PART_SEGMENT1						PS	PS1	2120	10	40
LINE_PART_SEGMENT10						PS	PS1	2120	100	40
LINE_PART_SEGMENT11						PS	PS2	2130	10	40
LINE_PART_SEGMENT12						PS	PS2	2130	20	40
LINE_PART_SEGMENT13						PS	PS2	2130	30	40
LINE_PART_SEGMENT14						PS	PS2	2130	40	40
LINE_PART_SEGMENT15						PS	PS2	2130	50	40
LINE_PART_SEGMENT16						PS	PS2	2130	60	40
LINE_PART_SEGMENT17						PS	PS2	2130	70	40
LINE_PART_SEGMENT18						PS	PS2	2130	80	40
LINE_PART_SEGMENT19						PS	PS2	2130	90	40
LINE_PART_SEGMENT2						PS	PS1	2120	20	40
LINE_PART_SEGMENT20						PS	PS2	2130	100	40
LINE_PART_SEGMENT3						PS	PS1	2120	30	40
LINE_PART_SEGMENT4						PS	PS1	2120	40	40
LINE_PART_SEGMENT5						PS	PS1	2120	50	40
LINE_PART_SEGMENT6						PS	PS1	2120	60	40
LINE_PART_SEGMENT7						PS	PS1	2120	70	40
LINE_PART_SEGMENT8						PS	PS1	2120	80	40
LINE_PART_SEGMENT9						PS	PS1	2120	90	40
ITEM_ID	IT	IT1	2000	50	80	IT	IT1	2000	50	22

Table 7 - 3 Purchase Order Outbound (Page 2 of 2)

Profile Options

Oracle EDI Gateway includes profile option changes made since Release 10.7, Production 16 of Oracle Applications.

ECE: Inbound directory

Indicate the directory where inbound data files are expected. This value must match the actual directory on disk and that designated in the INIT.ORA file.

ECE: Output file path

Indicate the directory where outbound data files are written. This value must match the actual directory on disk and that designated in the INIT.ORA file.

Oracle Engineering

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Engineering and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to determine which part(s) of the new features or changed topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16
10.7 GUI Production 16	Release 11

Release 11 Features and Changes

This lists new features added to Oracle Engineering between Release 10SC Production 16 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made to Oracle Engineering between 10SC Production 16 and Release 11.

Engineering Change Order (ECO) Open Interface

Added to support customers who import information from legacy systems into the Oracle Engineering Product. This open interface validates all data before importing it into the existing production tables. With it, users can enter a user friendly value instead of an ID value.

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New Tables

Created to support ECO Open Interface:

- ENG_ECO_REVISIONS_INTERFACE

Changed Tables

The following section lists changes made to support ECO Open Interface.

ENG_ENG_CHANGES_INTERFACE	
New Columns	TRANSACTION_TYPE

ENG_REVISED_ITEMS_INTERFACE	
New Columns	REQUESTOR_ID
	COMMENTS
	TRANSACTION_TYPE

Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Engineering between Release 10.7 and 10SC Production Release 16 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features for Oracle Engineering are listed in the following pages. They are divided by the various release levels from Production 1–15 to Production 16. Release levels that did not have any new features are not listed.

10SC Production Release 16

ECO Approval Lists

You can specify an approval list when you define a role for a workflow process. For compatibility with Release 10, approval lists and Oracle Alert are still available.

Engineering Workflow Activity Functions

Several Oracle Engineering–specific functions can be used when constructing workflow processes.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

10SC Production Release 16

New Workflow Process

The following new workflow process is new for production 16.

- **Standard Approval Process**

This process is pre–defined when Oracle Engineering is installed.

Changed List of Values (QuickCodes)

The meaning for the code 1 was changed from Not Ready to Approve to Not Submitted for Approval for the following QuickCode: The code 7, Processing error, was added to indicate a Workflow ECO Approval failure.

- ENG_ECN_APPROVAL_STATUS



Oracle Financials for Asia/Pacific

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Financials for Asia/Pacific and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes, and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) apply to your upgrade:

If you are upgrading from...	Refer to these sections...
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16
10.7 GUI Production 16	Release 11 10.7 GUI Production 16.1
10.7 GUI Production 16.1	Release 11

Regional Release 11 Features and Changes

This section lists new features added to Oracle Financials for Asia/Pacific between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

New Windows

Define Regional QuickCodes

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Oracle Financials Regional Technical Reference Manual for complete information.

Changed Tables

JA_LOOKUPS

JA_LOOKUP_TYPES

New Views

JA_LOOKUPS_V

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_ZZ_AP_NAVIGATE_GUI

Australia Release 11 Features and Changes

This section lists new features added to Oracle Financials for Australia between Release 10SC Production 16.1 and Release 11. It describes the

changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Australia between 10SC Production 16.1 and Release 11.

Balancing Charges

Balancing Charges provides a facility for managing and allocating balancing charges from retired assets to assets that were recently placed in service. This functionality includes the following:

- Create Balancing Charges from Retired Assets
- Allocate Balancing Charges to new assets
- Allow enable/disable of Balancing charges functionality for Tax books
- Integrate Balancing charges into the depreciation cycle
- Provide display of Balancing charges information for the following:
 - Mass Additions process
 - Retirements process
 - Financial Inquiry
 - Book Controls
- Allow for importation of Balancing Charge information from external sources
- Provide the following reporting suitable for Australian Tax law:
 - Allocated Balancing Charge Report
 - Calculated Balancing Charge Report
 - Balancing Charge Audit Report

Capital Gains Tax

Capital Gains Tax provides a facility for tracking Capital Gains Tax information about individual assets. This functionality includes the following:

- Ability to define Deemed dates and value for an asset.

- Maintain and track incidental costs. The incidental cost is used to calculate capital gains tax liabilities, which usually occurs at asset disposal. The incidental cost is indexed.
- Provide a method for linking assets disposed together to form a CGT Calculation across multiple assets.
- Provide display of CGT information in the Financial Inquiry.
- Provide the following reporting suitable for Australian Tax law:
 - Capital Gains Tax Reports that operate on Non Depreciable assets as well as Depreciable assets
 - Australian Tax Depreciation Schedule 32 Report
 - Taxation Requirements report for Depreciation Assets
 - Australian Tax Retirements Report for all asset

Materials Management

Australian Materials Management provides the following functionality:

- Provide a reporting system for manual stock tacking and replenishment counts.
- When importing Internal Requisitions, ensure that the Internal Requisitions are created using Unit of Issue and Purchase. Requisitions are created using Unit of Measure.
- When importing Internal Requisitions, ensure that the correct Code Combinations are used.

Modules

New Windows

Australian Asset Workbench

Australian Subinventory and Location Associations

Define Australian Auto-Accounting

New Reports and Processes

Allocated Balancing Charges Report

Australian Tax Retirements Report

Balancing Charge Audit Report

Calculate Balancing Charges
Calculated Balancing Charges Report
Capital Gains Tax Report
Imprest Count Sheet
Internal Charges Report
Tax Depreciation Schedule Report
Taxation Retirements Report for Depreciable Assets

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Australia. This section does not discuss changes to PL/SQL stored procedures.

See the Oracle Financials Regional Technical Reference Manual for more information.

New Tables

JA_AU_ACCT_DEFAULT_SEGS
JA_AU_BAL_CHG_APPLIED
JA_AU_BAL_CHG_INTERFACE
JA_AU_BAL_CHG_SOURCE
JA_AU_CAPITAL_VALUE
JA_AU_FA_BOOK_CONTROLS
JA_AU_SUBINV_LOC_ASSOCIATIONS
JA_AU_SUBINV_LOC ASSOCS

New Views

JA_AU_ADDITIONS_ALLOCATIONS_V
JA_AU_ADDITIONS_BOOKS_V
JA_AU_BAL_CHG_DETAILS_V
JA_AU_CAPITAL_VALUE_V
JA_AU_FA_ADDITIONS_V

JA_AU_FA_ADD_ADJ_V
JA_AU_FA_BOOK_CONTROLS_V
JA_AU_SOURCE_ADDITIONS_BOOKS_V
JA_AU_SOURCE_ADDITIONS_V
JA_AU_SUBINV_LOC ASSOCS_V

New Sequences

JA_AU_ACCOUNT_DEFAULTS_S
JA_AU_ACCOUNT_DEFAULT_SEGS_S
JA_AU_BAL_CHG_SOURCES_S

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Australia.

New Menus

JA_AU_FA_MAIN
JA_AU_FA_TAX
JA_AU_INV_LOCATION
JA_AU_INV_NAVIGATE_GUI
JA_AU_INV_SETUP
JA_AU_PO_NAVIGATE_GUI
JA_AU_PO_SETUP_ACCOUNTING_GUI
JA_AU_PO_SETUP_GUI

New Responsibilities

Australian Inventory Manager
Australian Payables Manager
Australian Purchasing Manager

New Request Groups

AU Inventory Globalization	AU Inventory Globalization Reports
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Changed Request Groups

AU Assets Globalization	AU Assets Globalization Reports
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Value Sets

JA_AU_FA_BOOK_TYPE_BC
JA_AU_FA_PERIOD_NAME
JA_AU_FA_PERIOD_TO
JA_AU_FA_SORT_OPTION_NOSUM
JA_AU_FA_SORT_OPTION_RETIRED
JA_AU_FA_SORT_OPTION_SUMMARY

New Lookup Types

JAAU_AUTOGL_TABLES	Australia AutoAccounting tables
JAAU_AUTOGL_TYPE	Australia AutoAccounting Type

New Lookup Codes

JAAU_AUTOGL_TABLES	MTL_SECONDARY_INVENTORIES MTL_SYSTEM_ITEMS
JAAU_AUTOGL_TYPE	Replenishment Expense

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Australia.

New Profile Options

Responsibility	Profile Option	Value
Australian Asset Manager	JG: Application Short Name	OFA
	JG: Product code	JA
	JG: Country code	AU

Australian Inventory Manager	JG: Application Short Name	INV
	JG: Product code	JA
	JG: Country code	AU
Australian Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	AU
Australian Purchasing Manager	JG: Application Short Name	PO
	JG: Product code	JA
	JG: Country code	AU

Canada Release 11 Features and Changes

This section lists new features added to Oracle Financials for Canada between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Canada between 10SC Production 16.1 and Release 11.

Multiple Tax Distributions

In support of Goods and Services tax, Harmonized Sales Tax, Provincial tax legislation, and related rebates, MTD contains the following features:

- Calculates and distributes more than one tax at the distribution line level in Accounts Payable
- Supports more than one rebate per Base Tax for each Tax Credit
- Supports inclusive and exclusive tax calculations for MTD Tax Groups or Simple Tax
- Define the Chart of Accounts Segment to be used in defining Tax Credit Code Assignments
- Define Tax Credit Code Assignments by Range
- Define one or more Tax Rebate Percentages and Accounts for each Tax Credit Code

- Enter one MTD Tax Group per invoice at the line level

Modules

New Windows

Define Canadian Multiple Tax Distributions

Define Canadian Rebate Tax Names

Define Canadian Tax Credit Segment Ranges

Define Canadian Tax Parameters

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Canada. This section does not discuss changes to PL/SQL stored procedures.

Full information about these new database objects is included in the Release 11 Technical Reference Manual. See Oracle Financials Regional Technical Reference Manual.

New Tables

The following new Tables were created to support the new Multiple Tax Distributions feature in this release.

JA_CA_MTD_GROUPS

JA_CA_MTD_LINES

JA_CA_MTD_PARAMETERS

JA_CA_TAXCODE_RANGES

JA_CA_TAX_CREDITS

New Views

JA_CA_TAXCODE_RANGES_V

JA_CA_TAX_CREDITS_V

New Sequences

JA_CA_MTD_GROUPS_S

JA_CA_MTD_LINES_S
JA_CA_TAXCODE_RANGES_S
JA_CA_TAX_CREDITS_S

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_CA_AP_NAVIGATE_GUI
JA_CA_AP_SETUP_GUI
JA_CA_AP_SETUP_TAX_GUI

New Responsibilities

Canadian Payables Manager

New Value Sets

JA_CA_AP_TAX_CREDITS_QP	Canadian Tax Credits
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New Lookup Types

JA_CA_AP_TAX_CREDIT	Canada Tax Credit
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Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Canadian Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	CA

China Release 11 Features and Changes

This section lists new features added to Oracle Financials for China between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_CN_AR_ADD_ON_GUI

JA_CN_AR_NAVIGATE_GUI

JA_CN_AR_TRANSACTIONS_GUI

Improved Responsibilities

Chinese Assets Manager

Chinese General Ledger

Chinese Payables Manager

Chinese Receivables Manager

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Chinese Assets Manager	JG: Application Short Name	OFA
	JG: Product code	JA
	JG: Country code	CH
Chinese General Ledger	JG: Application Short Name	SQLGL
	JG: Product code	JA
	JG: Country code	CH
Chinese Payables Manager	JG: Application Short Name	SQLAP

	JG: Product code	JA
	JG: Country code	CH
Chinese Receivables Manager	JG: Application Short Name	AR
	JG: Product code	JA
	JG: Country code	CH

Korea Release 11 Features and Changes

This section lists new features added to Oracle Financials for Korea between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_KR_AR_NAVIGATE_GUI

JA_KR_AR_REPORTS_GUI

New Responsibilities

Korean Assets Manager

Korean Payables Manager

Korean Receivables Manager

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Korean Assets Manager	JG: Application Short Name	OFA

	JG: Product code	JA
	JG: Country code	KR
Korean Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	KR
Korean Receivables Manager	JG: Application Short Name	AR
	JG: Product code	JA
	JG: Country code	KR

Singapore Release 11 Features and Changes

This section lists new features added to Oracle Financials for Singapore between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Singapore between 10SC Production 16.1 and Release 11.

Goods and Services Tax

Goods and Services Tax in Singapore provides the following functionality:

- GST Registration information for company
- Allow the entry of vendor currency rate and “in house” currency rate when entering invoices
- Calculate the Gain/Loss on Input Tax

Modules

New Windows

Singapore GST Registration

New Reports and Processes

Singapore GL F5 report

Singapore Gain/Loss on Input Taxes

Singapore VAT Register

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Singapore. This section does not discuss changes to PL/SQL stored procedures.

Refer to the Oracle Financials Regional Technical Reference Manual for more information.

New Tables

JA_SG_GST_REG

New Sequences

JA_SG_GST_REG_S

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_SG_AP_NAVIGATE_GUI

JA_SG_AP_REPORTS

JA_SG_AR_NAVIGATE_GUI

JA_SG_AR_REPORTS

JA_SG_GL_SUPERUSER_GUI

JA_SG_GL_SU_SETUP_GUI

JA_SG_GL_SU_S_TAX_GUI

New Responsibilities

Singapore General Ledger Manager

Singapore Payables Manager

Singapore Receivables Manager

New Request Groups

SG General Ledger Globalization	SG General Ledger Globalization Reports
SG Payables Globalization	SG Payables Globalization Reports
SG Receivables Globalization	SG Receivables Globalization Reports

New Lookup Types

JA_SG_ACCOUNTING_PERIOD	
JA_SG_GST_INPUT_TAX_CATEGORY	Input Tax from AP
JA_SG_GST_OUTPUT_TAX_CATEGORY	Output Tax from AR
JA_SG_TITLE	Personal Title for GST Registration

New Lookup Codes

JA_SG_ACCOUNTING_PERIOD	M	Monthly
	Q	Quarterly
JA_SG_GST_INPUT_TAX_CATEGORY	INPUT-EXEMPT	Input Exempt
	INPUT-STANDARD	Input Standard
	INPUT-ZERORATE	Input ZeroRate
JA_SG_GST_OUTPUT_TAX_CATEGORY	OUTPUT-EXEMPT	Output Exempt
	OUTPUT-STANDARD	Output Standard
	OUTPUT-ZERORATE	Output ZeroRate
JA_SG_TITLE	Dr.	Dr.
	Miss	Miss

Mr.	Mr.
Mrs.	Mrs.
Prof.	Prof.

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Singapore General Ledger Manager	JG: Application Short Name	SQLGL
	JG: Product code	JA
	JG: Country code	SG
Singapore Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	SG
Singapore Receivables Manager	JG: Application Short Name	AR
	JG: Product code	JA
	JG: Country code	SG

Taiwan Release 11 Features and Changes

This section lists new features added to Oracle Financials for Taiwan between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Taiwan. This section does not discuss changes to PL/SQL stored procedures.

See the Oracle Financials Regional Technical Reference Manual for more information.

New Tables

JA_TW_EXPORT_CERT

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_TW_AR_GLOBALIZATION

JA_TW_AR_NAVIGATE_GUI

JA_TW_AR_UNIFIED_GUI

Changed Responsibilities

Taiwanese Payables Manager

Taiwanese Receivables Manager

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Taiwanese Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	TW
Taiwanese Receivables Manager	JG: Application Short Name	AR
	JG: Product code	JA
	JG: Country code	TW

Thailand Release 11 Features and Changes

This section lists new features added to Oracle Financials for Thailand between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Thailand between 10SC Production 16.1 and Release 11.

Value Added Tax

Enhancements to the Thailand Value Added Tax accounting and reporting processes. This includes the following:

- Reporting requirements with regards to payments, VAT Tax invoices, and VAT reports for submission to the tax authorities. These VAT reports are based on separate tax reporting entities (if any) within the company.
 - VAT input tax summary report for any period for submission to Thai tax authorities
 - Report on which VAT taxable standard invoices are missing their corresponding tax invoice information.
 - Report on payments to vendors that were delivered on a certain day.
- For reporting stock card information (Inventory) for submission to the Thai tax authority, we support the following requirement:
 - Item wise cost analysis on beginning and ending periods.

Modules

New Reports and Processes

Goods and Raw Materials with Costs

Changed Reports and Processes

Goods and Raw Materials Report

Input Tax Summary

Incomplete Tax Invoice

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Menus

JA_TH_AP_NAVIGATE
JA_TH_AR_NAVIGATE_GUI
JA_TH_AR_REPORTS_GUI
JA_TH_INV_NAVIGATE
JA_TH_INV_REPORTS

New Responsibilities

Thai Inventory Manager
Thai Payables Manager
Thai Receivables Manager

Improved Request Groups

TH Inventory Globalization	TH Inventory Globalization Reports
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Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Responsibility	Profile Option	Value
Thai Inventory Manager	JG: Application Short Name	INV
	JG: Product code	JA
	JG: Country code	TH
Thai Payables Manager	JG: Application Short Name	SQLAP
	JG: Product code	JA
	JG: Country code	TH
Thai Receivables Manager	JG: Application Short Name	AR
	JG: Product code	JA
	JG: Country code	TH

Regional Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Financials for Asia/Pacific between Release 16.0 and Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

Database Objects

The following database objects have been added, changed, or made obsolete between Release 16.0 and Release 16.1.10SC Production Release 16.1

10SC Production Release 16.1

This section lists the changes that have been made to Oracle Financials for Asia/Pacific database objects between 10SC Production 16 and 10SC Production 16.1.

Changed Tables

JA_LOOKUPS

JA_LOOKUP_TYPES

China Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Financials for China between Release 16.0 and Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

10SC Production Release 16.1

Changed Windows

Reprint Invoice

Changed Reports and Processes

Asset journal entry report

Bank Reconciliation
Check
Depreciation by cost center
General Ledger journal entry report
VAT Files – Payables
VAT Files – Receivables
VAT Invoice

Database Objects

The following database objects have been added, changed, or made obsolete between Release 16.0 and Release 16.1.

10SC Production Release 16.1

This section lists the changes that have been made to Oracle Financials for China database objects between 10SC Production 16 and 10SC Production 16.1.

Changed Views

JA_CN_RRIN_LINES_VIEW
JA_CN_RRIN_LINE_VIEW
JA_CN_RRIN_VIEW

Korea Production Release 10SC Features and Changes

This section lists new features added to Oracle Financials for Korea between Release 16.0 and Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

10SC Production Release 16.1

Changed Reports and Processes

Aggregate Summary of Tax Invoice Issued

Aggregate Summary of Tax Invoices Received
Business Income Withholding Tax Receipt
Cash Outlay Worksheet
Cash Register Receipts
Confidential Expenses Worksheet
Credit Card Outlay Worksheet (Domestic)
Credit Card Outlay Worksheet (Overseas)
Donation Worksheet
Fixed Asset Purchase VAT
Global Flexfield Attribute Import
Prepaid Expenses Worksheet
Sales Invoice Issued
Sales Rebate Worksheet
Schedule of Deemed Purchase Tax
Schedule of Expenditure Credit Card Slips Summary of Account Receivable VAT
Summary of Purchase Invoice
Summary of Purchase VAT
Summary of Sales Invoice
Tax Invoice Issued
Tax Invoice List – AP
Tax Invoice List – AR
Tax Invoice Outlay Worksheet (Domestic)
Tax Invoice Outlay Worksheet (Overseas)
Taxes and Dues Worksheet
Withholding Tax Receipt
Withholding Tax Worksheet (A)
Withholding Tax for Interest/Dividends
Zero-Rated VAT – AP
Zero-Rated VAT – AR

Details of Depreciation by Useful Life

Details of Depreciation by Asset

Salvage Value Depreciation

Detail adjustment for Depreciation

Seed Data

The following seed data has been added, changed, or made obsolete between Release 16.0 and Release 16.1.

10SC Production Release 16.1

New Value Sets

JA_KR_AP_COMPANY	Company Location
JA_KR_AP_PAID_FROM	Paid from list
JA_KR_AP_PAYMENT_METHOD	Paid from list
JA_KR_AP_REPORT_TYPE	Korean Payables payment methods

Taiwan Production Release 10SC Features and Changes

This section lists new features added to Oracle Financials for Taiwan between Release 16.0 and Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features for Oracle Financials for Taiwan are listed in the following pages. They are divided release levels from Production 1–15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16.1

This section lists the enhancements that have been made to Oracle Financials for Taiwan since it was included as a Release 10SC Production product in Production 16.1.

Taiwan Government Uniform Invoice

Taiwan Uniform Invoice Management provides users with the features they need to issue Government Uniform Invoice or Sales Receipt for Receivables invoices and miscellaneous transactions. You are also able to associate zero-rate Uniform invoices with appropriate export certificates.

For 10SC Production 16.1, the following enhancements were made:

- The Sales Receipts number may be defined by Number Generator.
- The Sales Receipts and Government Uniform Invoices may be manually assigned or defaulted by the Number Generator.

Modules

10SC Production Release 16.1

Changed Windows

Define Miscellaneous Uniform Invoice

Define Uniform Invoice/Sales Receipt

Define Zero Tax

GUI Number Generator

Changed Reports and Processes

EDI File

Print Uniform Invoices/Sales Receipts

Unified Invoice Attachment

Uniform Invoice Listing

VAT-IN

VAT-OUT

Zero-rate Tax

Database Objects

The following database objects have been added, changed, or made obsolete between Release 16.0 and Release 16.1.

10SC Production Release 16.1

This section lists the changes that have been made to Oracle Financials for Taiwan database objects between 10SC Production 16 and 10SC Production 16.1.

Changed Tables

JA_TW_EXPORT_CERTIFICATE

JA_TW_GUI_NUMBER

JA_TW_UNIFIED_INVOICE

Changed Views

JA_TW_GUI_VIEW

JA_TW_MISC_GUI_VIEW

JA_TW_RDZR_UNIFIED_INV_V

JA_TW_RDZR_UNIFIED_INV_VIEW

Thailand Production Release 10SC Features and Changes

This section lists new features added to Oracle Financials for Thailand between Release 16.0 and Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

10SC Production Release 16.1

Changed Reports and Processes

Thailand Goods and Raw Materials

Incomplete Tax Invoice

Input Tax Summary

Output Tax Summary – Invoice

Output Tax Summary – Non Invoice

Payment Batch Delivery Control

Payment Delivery



Oracle Financials for Europe

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Financials for Europe and the changes made to modules, database objects, seed data, and profile options.

Refer to the following table to see which part(s) of the new features or changes apply to your upgrade:

If you are upgrading from...	Refer to these sections...
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1-15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Czech Republic Release 11 Features and Changes

This section lists new features added to Oracle Financials for the Czech Republic for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for the Czech Republic for Release 11.

Tax Return Source Report

Tax Return Source report lists all tax transactions from all ledgers for the selected period. With this report, you can:

- View the assignment of tax codes to specific lines on the Czech VAT Return
- Prepare your monthly VAT Return. The summary section of the report groups all tax transactions by VAT return line and tax code.
- Provide official backup to the Czech VAT Return
- Identify transactions that have a general ledger date different from the tax date of the transaction
- Identify transactions where the calculated tax amount (based on the associated tax code) is different from the recorded tax amount

Export Tax Report

Export Tax report lists all export transactions from Oracle Receivables for the selected tax date range. With this report, you can:

- View all export transactions within the given tax reporting period by tax code
- Prepare your monthly VAT Return
- Provide official backup to the Czech VAT Return

Import Tax Report

Import Tax report lists all import transactions from Oracle Payables that do not reference official import documents. With this report, you can:

- View all import transactions without a reference to an import document

- Prepare your monthly VAT Return
- Provide official backup to the Czech VAT Return

Date of Taxable Supply

Date of Taxable Supply lets you record the tax date of your VAT transactions in a special flexfield on the Oracle Receivables Transactions window and the Oracle Payables Invoice window. The date you enter in this field is used to control the following localized VAT reports for the Czech Republic:

- Tax Return Source report
- Import Tax report
- Export Tax report

To activate the flexfield, update the profile option JG:Country Code with the value “CZ” at the responsibility level.

Account Analysis Report

The Account Analysis report lists journal activity and account balances for the range of periods that you select. You can restrict the level of detail in the Account Analysis report by selecting a degree level. The degree level determines the number of characters of the natural account that the Account Analysis report should create a subtotal for.

Invoice Format Report

The Invoice Format report prints all Oracle Receivables documents for a given document type, document range, or customer. The Invoice Format report includes the tax date of the invoice as well as a summary of taxable and tax amounts by tax rate in accordance with the Czech Republic statutory requirements.

Modules

New Reports and Processes

JECZARIN Czech Invoice Format

JECZEXPT Czech Export Tax Report

JECZGLAA Czech Account Analysis Report

JECZIMPT Czech Import Tax Report

JECZTRPR Czech Tax Return Source Report

New Global Flexfields

Czech Date of Taxable Supply

Seed Data

The following seed data has been added, changed, or made obsolete for Release 11 of Oracle Financials for the Czech Republic.

New LOVs (QuickCodes)

JECZ_SOURCE

New Menus

JE_CZ_NAVIGATE_GUI

New Report Groups

Czech Localization Reports

New Responsibilities

Czech Localizations

New Value Sets

JECZ_DEGREE

Finland Release 11 Features and Changes

This section contains a list of the new features added to Oracle Financials for Finland between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

Asset Tax Reporting (Finland)

The Finnish Asset Tax Report takes into account the Finnish method of calculating tax book depreciation at category level, which affects the tax depreciation calculation of assets sold during the year. The net book values reported are calculated with this method.

Modules

New Reports and Processes

JEFIASDR Finnish Asset Summary Report

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Finland. This section does not discuss changes to PL/SQL stored procedures. Full information about these new database objects is included in the Release 11 Technical Reference Manual.

New Value Sets

JEFI_ASSET_LIST

JEFI_FA_CATEGORY_FLEX_FROM

JEFI_FA_CATEGORY_FLEX_TO

JEFI_PERIOD_NAME_TAX

JEFI_SRS_SEQUENCES

Germany Release 11 Features and Changes

This section contains a list of the new features added to Oracle Financials for Germany between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Germany between 10SC Production 16.1 and Release 11.

Direct Debit

The German Direct Debit process is enhanced to offer you the choice of which direct debit authorization procedure to apply to each customer.

Modules

Changed Reports and Processes

JEDEREDD German Direct Debit

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Germany.

New Value Sets

JEDE_AR_DIRECT_DEBIT_CODE

Hungary Release 11 Features and Changes

This section contains a list of the new features added to Oracle Financials for Hungary for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Hungary for Release 11.

Invoice Format Report

The Invoice Format report prints all Oracle Receivables documents for a given document type, document range, or customer. The Invoice Format report includes the tax date of the invoice, the statistical code for each

item on the invoice, and a summary of taxable and tax amounts by tax rate in accordance with Hungarian statutory requirements.

Sales VAT Register Report

The Sales VAT Register report prints all sales transactions that reference a VAT tax code and that were posted to General Ledger for a given period. The Sales VAT Register report is divided into two sections:

- Detailed section, ordered by document sequence number
- Summary section, grouped by tax code

Purchase VAT Register Report

The Purchase VAT Register report prints all purchase transactions that reference a VAT tax code that were posted to General Ledger for a given period. The report is divided into two sections:

- Detailed section, ordered by document sequence number
- Summary section, grouped by tax code

Date of Taxable Supply

Date of Taxable Supply lets you record the tax date of your VAT transactions in a special flexfield in both the Oracle Receivables Transactions window and the Oracle Payables Invoice window. The date that you enter in this field is used to control the following localized VAT reports for Hungary:

- Sales VAT Register
- Purchase VAT Register

To activate the flexfield, update the profile option JG:Country Code with the value “HU” at the responsibility level.

Statistical Codes

Statistical Codes lets you assign government statistical codes to all sales items in a special flexfield in both the Define Items window and the Define Memo Lines window in Oracle Receivables. You can print the government statistical codes on your invoice documents in the Hungarian Invoice Format. A special flexfield in the Oracle Payables Enter Invoice window records the government statistical code, as provided on your supplier invoices, for purchased items.

To activate these flexfields, update the profile option JG:Country Code with the value “HU” at the responsibility level.

Asset Movement Report: Gross Changes

Asset Movement report for Gross Changes provides a summary analysis of all asset transactions by property type and asset category. The Asset Movement report shows the summary of changes in asset category values due to additions, adjustments, retirements, revaluations, and reclassifications.

Asset Movement Report: Accumulated Depreciation

Asset Movement report for Accumulated Depreciation provides a summary analysis of all depreciation transactions by property type and asset category. The Asset Movement report shows the summary of changes in asset category accumulated depreciation values due to additions, depreciation, adjustments, retirements, and reclassifications.

Depreciation Analysis Report

The Depreciation Analysis report provides a summary analysis of all depreciation transactions by property type and asset category. The Depreciation Analysis report shows the summary of different depreciation methods including life based, expensed, diminishing, units of production, and incidental.

Uncleared Payments Aging Report

Uncleared Payments Aging report lets you analyze your cash in transit account. This Uncleared Payments Aging report lists all payments that you have made against supplier invoices that have not yet cleared your bank. The Uncleared Payments Aging report is sorted by supplier, invoice, and payments against the invoice. The aging is based on the number of days that the invoice is past due.

Cash In Transit Report

Cash In Transit report lists all uncleared receipts and payments by bank account within General Ledger account. You can use the Cash In Transit report to prepare manual journal entries to reclassify your uncleared cash transactions as required by the Hungarian government.

Modules

New Reports and Processes

JEHUARIN Hungarian Invoice Format

JEHUCSHT Hungarian Cash In Transit Report

JEHUFAMD Hungarian Accumulated Depreciation Movement Schedule

JEHUFAMS Hungarian Asset Movement Schedule : Gross Changes

JEHUFDAN Hungarian Depreciation Analysis

JEHUIAGE Hungarian AP Invoice Aging Report

JEHURPVP Hungarian Purchases VAT Register

JEHURRVR Hungarian Sales VAT Register

Database Objects

The following database objects have been added, changed, or made obsolete for Release 11 of Oracle Financials for Hungary. This section does not discuss changes to PL/SQL stored procedures.

Full information about these new database objects is included in the Release 11 Technical Reference Manual.

New Tables

Created to support the new Hungary localizations in this release.

JE_HU_BALANCES_REPORT

New Menus

JE_HU_NAVIGATE_GUI

New Responsibilities

Hungarian Localizations

New Report Groups

Hungarian Localization Reports

New Value Set

JEHU_REPORT_TYPE

Seed Data

The following seed data has been added, changed, or made obsolete for Release 11 of Oracle Financials for Hungary.

New LOVs (QuickCodes)

JEHU_REPORT_TYPE

Israel Release 11 Features and Changes

This section lists new features added to Oracle Financials for Israel for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Israel for Release 11.

Deduction of Tax at Source Report To Suppliers

The Deduction of Tax at Source is a report of certificates that you send to suppliers at the end of each year. The Deduction of Tax at Source report describes the amount of tax, based on the agreed rate with the government, that you have withheld for the reporting year.

The Deduction of Tax at Source report lists the tax amounts that you have withheld for the requested period. You can run the report in summary or in detail:

- Summary – withheld amounts by supplier
- Detail – withheld amounts by invoice

Deduction of Tax at Source Report To the Tax Authority

Deduction of Tax at Source Report To the Tax Authority is a listing of all withheld tax amounts by supplier for a range of periods that you select.

The report is run in the functional currency only. You can use the Deduction of Tax at Source Report To the Tax Authority to:

- Provide the tax authority with a summary listing of withheld amounts either monthly or annually.
- Identify the transactions that comprise the summary values submitted to the tax authority.

Modules

New Reports and Processes

JEILRWTA Israel Withholding Tax Report To Tax Authorities

JEILRWTS Israel Withholding Tax Report To Suppliers

Database Objects

The following database objects have been added, changed, or made obsolete for Release 11 of Oracle Financials for Israel. This section does not discuss changes to PL/SQL stored procedures.

Full information about these new database objects is included in the Release 11 Technical Reference Manual.

New Value Sets

JEIL_SRS_AP_YEAR

Seed Data

The following seed data has been added, changed, or made obsolete for Release 11 of Oracle Financials for Israel.

New Report Groups

Israeli Localization Reports

New Responsibilities

Israeli Localizations

Italy Release 11 Features and Changes

This section lists new features added to Oracle Financials for Italy between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Italy between 10SC Production 16.1 and Release 11.

Purchasing Packing Slip Report

Reports on goods that are returned to suppliers because the goods are faulty or the order item or quantity received is incorrect.

Modules

New Reports and Processes

JEITRPPS Italian Purchasing Packing Slip

Obsolete Reports and Processes

LIFO Market Value Report

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures. See the Release 11 Technical Reference Manual for more information.

New Tables

Created to support the new Italy localizations in this release.

JE_IT_PO_PACKSLIPS

JE_IT_PACKSLIPS

Changed Tables

The following section lists tables modified in release 11 to include new columns or remove obsolete columns to support Italy localizations.

Modified Table	New Column(s)
JE_IT_EXEMPT_LETTERS	LAST_UPDATE_LOGIN
JE_IT_VAT_REGISTERS	LAST_UPDATE_LOGIN
JE_IT_VAT_REG_DOCS	LAST_UPDATE_LOGIN

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Italy.

New LOVs (QuickCodes)

JE_IT_UNPOST_TRANSMACT

New Value Sets

JEIT_FISCAL_YEAR	JEIT_FREE_TEXT_150
JEIT_FREIGHT	JEIT_INV_ORG
JEIT_ITEMS	JEIT_PO_PACKSLIP
JEIT_VAT_REGISTER_AR_DEFFERRED	JEIT_VAT_REGISTER_AR_SALES
JEIT_VEND_SHIPTO_LOC	JEIT_VR_ACCOUNTING_PERIOD_TO
JEIT_YEAR	

Netherlands Release 11 Features and Changes

This section lists new features added to Oracle Financials for Netherlands between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

JENL_CODE_SOORT_UTVOERING
JENL_CODE_VERZ_CHEQUE
JENL_MEDIUMCODE

New Value Sets

JENL_AP_CHECKRUN_NAME
JENL_CODE_KOSTEN_KORR
JENL_CODE_UTVOERING
JENL_SWIFT_CODE_BETALING_BETREFT
JENL_SWIFT_CODE_CHEQUE_CROSSEN
JENL_SWIFT_CODE_GOEDEREN_ARTIKELNR
JENL_SWIFT_CODE_KOSTEN
JENL_SWIFT_CODE_VERZ_CHEQUE
JENL_SWIFT_OMSCHRIJVING
JENL_SWIFT_RATE_TYPE

Norway Release 11 Features and Changes

This section lists new features added to Oracle Financials for Norway between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

Obsolete Reports and Processes

Bankgiro Format

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Norway. This section does not discuss changes to PL/SQL stored procedures. See the Release 11 Technical Reference Manual for complete information.

New Indexes

JE_NO_INVEST_LINES_N1 on table JE_NO_INVEST_LINES

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

JENO_TAX_SEGMENTS

New Value Sets

JENO_TAX_SEGMENTS

Poland Release 11 Features and Changes

This section lists new features added to Oracle Financials for Poland for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Poland for Release 11.

Journal Ledger Report

Provides a review of all activity posted in Oracle General Ledger by the originating document. You can sort the Journal Ledger report either by General Ledger date or by the originating document. The Journal Ledger report presents values in the functional currency only.

Sales VAT Register Report

Prints all sales transactions that reference a VAT tax code that are posted in Oracle General Ledger for a given period. The report is divided into two sections:

- Detailed section – ordered by document sequence number
- Summary section – ordered by tax code

Purchase VAT Register Report

Prints all purchase transactions that reference a VAT tax code and that are posted in Oracle General Ledger for a given period. The report is divided into two sections:

- Detailed section – ordered by document sequence number
- Summary section – ordered by tax code

Date of Taxable Supply

Use to record the tax date of your VAT transactions in a special flexfield in both the Oracle Receivables Transactions window and the Oracle Payables Invoice window. The date that you enter in this field is used to control the following localized VAT reports for Poland:

- Sales VAT Register
- Purchase VAT Register

To activate the flexfield, update the profile option JG:Country with the value “PL” at the responsibility level.

Invoice Format Report

Prints all Oracle Receivables documents for a given document type, document range, or customer. The format includes the tax date of the invoice, the statistical code for each item on the invoice, and a summary of taxable and tax amounts by tax rate in accordance with Polish statutory requirements.

Item Statistical Codes

Use to assign government statistical codes to all of the items that you sell. You enter these codes in a special flexfield in the Oracle Receivables Define Items window and Define Memo Lines window. You can print this code on your invoice documents in the Invoice Format report.

You can also record the statistical code, as provided on your supplier invoices, for purchased items in a special flexfield in the Oracle Payables Enter Invoice window.

To activate these flexfields, update the profile option JG:Country Code with the value “PL” at the responsibility level.

Modules

New Reports and Processes

JEPLAPVR Polish Purchases VAT Register

JEPLARID Polish Invoice Format Duplicates

JEPLARIN Polish Invoice Format

JEPLARVR Polish Sales VAT Register

JEPLDZIK Polish Journal Ledger

New Global Flexfields

Poland – Date of Taxable Supply

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Technical Reference Manual for more information.

New Menus

JE_PL_NAVIGATE_GUI

New Responsibilities

Polish Localizations

New Report Groups

Polish Localization Reports

New Value Sets

JEPL_AP_VAT_PERIODS

JEPL_AP_VAT_TRANS_TYPE

JEPL_AR_VAT_PERIODS

JEPL_AR_VAT_TRANS_TYPE

JEPL_DOC_TYPE

JEPL_INVOICE_NUMBER

JEPL_INVOICE_NUMBER_DUPLICATES

Portugal Release 11 Features and Changes

This section contains a list of the new features added to Oracle Financials for Portugal for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Portugal for Release 11.

Electronic Funds Transfer Extract File and Remittance Advice

Electronic Funds Transfer lets you use a standardized EFT payment format to create EFT payments, produce a listing of EFT file contents for bank verification, and print a remittance document of transactions to be paid that you send to your suppliers.

Direct Debit

Direct Debit process lets you:

- Create a receipt information file used by banks to carry out direct debit transactions
- Produce a listing of Direct Debit file contents for bank verification
- Produce a letter for all direct debit customers that shows which invoices were paid by direct debit

Diario Report

Diario Report lists all transactions entered in Oracle Receivables, Oracle Payables and Oracle General Ledger that are posted in Oracle General Ledger.

VAT Recapitulative Reporting

VAT Recapitulative Reporting in Oracle Receivables and Oracle Payables allows you to report turnover with trading partners in

Portugal. Trading partners with a turnover below a government-defined amount are excluded.

Trial Balance Report

Trial Balance Report lists the balances for selected account codes, period, and balancing segment. There are five different reports:

- Detail Trial Balance report – lists accounts at degree one to seven. The degree determines the level of summarization.
- Summary Trial Balance report – lists accounts at degree one, such as the summary level.
- Begin Year Trial Balance report – reflects the situation at the beginning of the year and lists balance sheet accounts as well as the net results account.
- Results Trial Balance report – reflects the situation after results calculation and lists trading accounts except the net results account.
- End Year Trial Balance report – reflects the situation at the end of the year and lists balance sheet accounts as well as the net results account.

Check/Remittance Print

Use to print checks in the Portuguese standard format as well as a remittance letter that details invoices that were paid.

Receipt Acknowledgment Report

Use to produce receipt acknowledgment that confirms a customer's payment receipt.

Bank Transfer Order Report

Prints bank transfers in a generic Portuguese format.

Annual and Periodic VAT Reports

Use to produce information that helps you to complete the statutory periodic (monthly and quarterly) and annual VAT returns. The reports produce total taxable and tax amounts for the boxes that appear on the Portuguese VAT Return. The box identifiers are defined within Oracle Applications as VAT Transaction Types.

Modules

New Reports and Processes

JEPTAPER AP Taxpayer ID Exception Report
JEPTAPVE AP Vendor Recapitulative Extract File
JEPTAPVR AP Vendors Recapitulative Report
JEPTARDD AR Portuguese Direct Debit File
JEPTARDDL AR Portuguese Direct Debit File Listing
JEPTARDL AR Portuguese Direct Debit Letter
JEPTARER AR Taxpayer ID Exception Report
JEPTARVE AR Customer Recapitulative Extract File
JEPTARVR AR Customers Recapitulative Report
JEPTAVAT Annual VAT Report
JEPTBFOR Portuguese Cheque Print
JEPTDRIO GL Diario
JEPTFTL AP Portuguese EFT Listing
JEPTGLTBB GL Begin Year Trial Balance
JEPTGLTBD GL Detail Trial Balance
JEPTGLTBE GL End Year Trial Balance
JEPTGLTBR GL Results Trial Balance
JEPTGLTBS GL Summary Trial Balance
JEPTPEFT Portuguese EFT Payment Format
JEPTPSRA Portuguese EFT Remittance
JEPTPVAT Periodic VAT Report
JEPTRCAK PT Receipt Acknowledgment
APXPBFTR Format Payments Bank Transfer Request

Database Objects

The following database objects have been added, changed, or made obsolete for Release 11. This section does not discuss changes to PL/SQL stored procedures.

Refer to the Release 11 Technical Reference Manual for more information.

New Tables

Created to support the new Portugal localizations in this release.

JE_PT_BANK_TRANSFER_TEXT

JE_PT_JEPTVATR

Seed Data

The following seed data was added, changed, or made obsolete for Release 11.

New LOVs (QuickCodes)

JEPT_TRIAL_BAL_TYPE

New Menus

JE_PT_NAVIGATE_GUI

New Report Groups

Portuguese Localization Reports

New Responsibilities

Portuguese Localizations

New Value Sets

JEPT_1_to_7

JEPT_2_CHAR

JEPT_9/Number

JEPT_ACCOUNT_RANGES

JEPT_BEGIN_YR_ADJ_PERIOD_

JEPT_BOX_NUMBERS

JEPT_DOC_CATEGORIES

JEPT_EFT_BATCHES

JEPT_END_YR_ADJ_PERIOD

JEPT_FISCAL_YEAR

JEPT_JE_CATEGORY

JEPT_REC_ACK_CUST_FROM

JEPT_REC_ACK_CUST_TO

JEPT_RES_ADJ_PERIOD

JEPT_TAX_LOCATION

Profile Options

The following profile options have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Financials for Portugal.

JEPT_PRINT_DD_LETTER

Spain Release 11 Features and Changes

This section lists new features added to Oracle Financials for Spain between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made between 10SC Production 16.1 and Release 11.

Receivables Invoice Report

The Spanish Invoice Print program supplements the standard invoice print program in Oracle Receivables. Two types of invoice are provided: service invoices and goods invoices. Customer invoices for goods include the packing slip number on the invoice. Both invoice types include customer bank information along with the discount and payment terms.

Withholding Tax

Spanish Withholding Tax process lets you report withholding tax to your tax authority in magnetic format (modelo 190). The open interface table lets you include information from external systems.

Modules

New Reports and Processes

JEESARPI Spanish AR Invoice

JEESEWHT Spanish Withholding Tax Magnetic Format

JEESLSWH Spanish Withholding Tax Transfer

Changed Reports and Processes

JEESWHTX Withholding Tax Report

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Technical Reference Manual for more information.

New Tables

JE_ES_MODELO_190_ALL

Changed Tables

The following section lists tables modified in release 11 to include new columns or remove obsolete columns.

Modified Table	New Column(s)
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JE_ES_MESSAGES_ALL (formerly JE_ES_MESSAGES)	
JE_ES_MODELO_347_ALL (formerly JE_ES_MODELO_347)	

New Views

JE_ES_MODELO_347

JE_ES_MODELO_190

JE_ES_MESSAGES

New Value Sets

JEES_AR_RAXINV_TRX_TYPE

JEES_BANK_ACC

JEES_BANK_NAME

JEES_DELEGATION

JEES_FAF_PROVINCE

JEES_INVOICE_TYPE

JEES_MEDIUM
JEES_YEARYYYY

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

JEES_DELEGATION
JEES_INVOICE_TYPE
JEES_MEDIUM

Sweden Release 11 Features and Changes

This section lists new features added to Oracle Financials for Sweden between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

JESE_EFT_CODES
JESE_FED_CODES

New Value Sets

JESE_11NUMBERS
JESE_1CHAR
JESE_25_CHARACTERS
JESE_30CHARS
JESE_40CHARS
JESE_BGIRO_ACCT_CODE
JESE_BGIRO_CREDIT_CODE
JESE_FED_CODE

JESE_INV_CCODE
JESE_INV_OPTION
JESE_PAYDATE_TYPE
JESE_PAY_EXPENSE
JESE_PAY_METH_CODE
JESE_PAY_METH_TYPE
JESE_PGUT_REPCODE
JESE_PGUT_SORTOPT
JESE_UTLI_HEADER

Turkey Release 11 Features and Changes

This section lists new features added to Oracle Financials for Turkey for Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made for Release 11.

Expanded Trial Balance Report

Provides a review of the beginning, ending, and net balances, along with period activity, for a given period and account range. You can restrict the level of detail in the report by selecting a degree level. The degree level determines the number of characters of the natural account segment that the report should create a subtotal for..

Daily Journal Report

Provides a review of all activity posted in Oracle General Ledger by originating document. You can sort the report by either General Ledger date or by the originating document. You can run the report for a range of dates for daily reporting, or for a range of periods for monthly and annual reporting.

The Daily Journal report presents values in the functional currency only.

General Ledger Report

Prints a listing of journal activity and resulting account balances by originating document. You can run General Ledger report for a range of dates for daily reporting, or for a range of periods for monthly and annual reporting.

Use this report to analyze the original source document for each journal entry within an account. The report presents values in the functional currency only.

Modules

New Reports and Processes

JETRACCT Turkish Account Analysis Report

JETRGLTB Turkish Trial Balance

JETRRDJT Turkish Daily Journal Report

JETRRTJR Turkish Journal Report

Database Objects

The following database objects were added, changed, or made obsolete for Release 11 of Oracle Financials for Turkey. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Technical Reference Manual for more information.

New Menus

JE_TR_NAVIGATE_GUI

New Responsibilities

Turkish Localizations

Seed Data

The following seed data was added, changed, or made obsolete for Release 11.

New Report Groups

Turkish Localization Reports

Regional Release 11 Features and Changes

This section lists new features added to Oracle Financials for Europe between release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Financials for Europe between 10SC Production 16.1 and Release 11.

Fixed Asset Insurance

You can enter insurance information and insurance values against fixed assets. The insurance values are also indexed annually to adjust for inflation. The Asset Insurance Data report and the Asset Insurance Value report are available to list the insurance data and insurance values.

Enhancements to Manual Reconciliation

You can find journal lines based on:

- Accounting flexfield
- Journal category
- Journal reference
- Journal sequence number

You can also reverse the reconciliation of previously reconciled transactions.

Modules

New Windows

JGZZFAIS Fixed Assets Insurance

Changed Windows

Find Reconciliation Lines

New Reports and Processes

JGZZFAIN Asset Insurance Calculations

JGZZRIDR Asset Insurance Data Report

JGZZRIVR Asset Insurance Values Report

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Technical Reference Manual for more information.

New Tables

Created to support the new Regional localizations in this release.

JG_ZZ_FA_INS_LINES

JG_ZZ_FA_INS_POLICIES

JG_ZZ_FA_INS_VALUES

New Views

Created to support Regional localizations:

JG_ZZ_SYSTEM_FORMATS

JG_ZZ_LEDGER_V

JG_ZZ_FA_INS_ADDITIONS_V

JG_ZZ_FA_INS_POLICIES_V

JG_ZZ_FA_INS_LINES_V

New Indexes

JG_ZZ_LOOKUP_VALUES_U1 on table

JG_ZZ_LOOKUP_VALUES_ALL

New Value Sets

JGZZ_BALANCING_SEGMENT_RANGE
JGZZ_FA_ASSET
JGZZ_FA_INS_CAL_MTHDS
JGZZ_FA_INS_LOCATION
JGZZ_FA_INS_LOCN_RANGE
JGZZ_FA_INS_VENDOR
JGZZ_JOURNAL_END_PERIOD
JGZZ_JOURNAL_PERIODS
JGZZ_ORDER_BY
JGZZ_REPORT_TYPE
JGZZ_SRS_AR_PERIOD_TO
JGZZ_SRS_BATCH_NUM
JGZZ_SRS_BATCH_NUM_UNCONFIRMED
JGZZ_SRS_CURRENCY_CODE
JGZZ_SRS_CUSTOMER_RANGE
JGZZ_SRS_CUSTOMER_TYPE
JGZZ_SRS_LEDGER_FLEX_NM
JGZZ_SRS_NULL_NUM
JGZZ_SRS_SLR_ACTION
JGZZ_SRS_SLR_OPEN_CLOSE
JGZZ_SRS_SLR_POST_STAT
JGZZ_SRS_VENDOR_NAME
JGZZ_SRS_VENDOR_NUMBER
JGZZ_SRS_VEND_RANGE
JGZZ_STATISTICAL_CODE
JGZZ_TAX_ORIGIN

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

JGZZ_REPORT_TYPE
JGZZ_ORDER_BY
JGZZ_REPORT_LITERALS

JGZZ_STATISTICAL_CODES

JGZZ_TAX_ORIGIN

JGZZ_FA_INS_CATEGORY

JGZZ_FA_INS_HAZARD

Changed LOVs (QuickCodes)

The lookup code INSURANCE has been added to the Vendor Type quickcode in Oracle Payables.

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

JGZZ_APPL_SHORT_NAME

JGZZ_COUNTRY_CODE

JGZZ_PRODUCT_CODE

JGZZ_FA_INS_SWISS_BUILDING

Release 10SC Production 16 – Regional Localizations

New Features

Maintain Interest Invoice Interest Rates Form

Use to enter daily or monthly interest rates for Interest Invoice calculations.

Note: This new functionality means that Interest Invoice in Release 10SC Production 16 is not compatible with R10.7 character Interest Invoice.

Database Objects

New Tables or Views

Added Production 16 to support the new Maintain Interest Invoice Interest Rates form.

New Table

JG_ZZ_LOOKUP_VALUES_ALL

New View

JG_ZZ_LOOKUP_VALUES

Seed Data

Following value sets were modified to use the new

JG_ZZ_LOOKUP_VALUES view:

JGZZ_INT_INV_MONTHLY_LOOKUP

JGZZ_INT_INV_DAILY_LOOKUP_RATE

Release 10SC Production 16 –German Localizations

New Features

New and Improved Reports

Added to German Localizations as of 10SC Production 16.

Separate Payment Letter

Use to create a separate payment letter for suppliers that have more than a specified number of invoices being paid in a given payment batch.

The report notifies the supplier of the:

- currency that the payment was made in
- number of invoices paid on the particular payment batch
- bank account and bank branch number the payment was made to

This report is ordered by vendor site and then by invoice date within vendor site.

Separate Receipt Letter

Use to create a separate payment letter for customers who have more than a specified number of invoices being collected in a given remittance batch. The report notifies the customer of the:

- currency of the remittance

- number of invoices paid on this particular remittance batch
- bank account and bank branch number the remittance was collected from

This report is ordered by customer and then by invoice date within customer site.

Modules

New Tables

Created to support the new Separate Payment/Receipt Letters:

JE_DE_AR_BATCHES

JE_DE_AP_BATCHES

Changed Tables

International EFT

Supports Q record specification as a header record instead of R record.

Direct Debit

Enhanced to insert the phrase "PLEASE REFER SEPARATE PAYMENT LETTER" whenever the number of invoices collected from a customer is greater than the profile option JEDE: Max invoices for separate payment letter or 6. The value of 6 is the upper limit of invoice details that can be inserted into the EFT description field.

Seed Data

Value Sets

Created to support the new Separate Payment/Receipt Letters:

JEDE_AR_REM_BATCHES

JEDE_AP_PAY_BATCHES

Profile Options

German Localizations include the following profile option changes between Production 15 and 16:

New Profile Options

JEDE_AR_MAX_INVOICES

Used by Direct Debit module and Separate Receipt Letter.

Release 10SC Production 16 –Spanish Localizations

New Features

The following features were added to Spanish Localizations as of 10SC Production 16.

Self Invoice Report (Auto reclaimable VAT report)

Use to review the invoices entered and posted in Oracle Payables that have offset tax distributions. Normally, such invoices will be Inter EU invoices that you have received from vendors in other countries within the European Union.

This report displays the information that would be displayed on the VAT Received Report (IVA Recapulativa) if you were to create the corresponding self invoices in Oracle Receivables. You may therefore use this report as a guide to create the self invoices in Oracle Receivables or you may simply include this report along with the standard VAT Received Report that you send to the tax authorities.

As with the VAT Paid Report (IVA Soportado) and VAT Received Report, the Self Invoice Report has an invoice detail section, followed by a summary of the invoices grouped by tax code.

Withholding tax Report

Use to review the income tax withholdings that you have made on behalf of your self-employed vendors. The report displays details of posted invoices that include manually-entered or automatically-generated withholding tax distributions.

The report may be run in detail or summary mode using either invoice date or payment date selection criteria.

Rejected Bills of Exchange Loader (jeeslbr)

Use to upload the file that contains details of Rejected Bills of Exchange sent to you by your bank. The supported file format is Adeudos por Domiciliaciones en Soporte Magnetico – Consejo Superior Bancario 19.

This program loads the details into the Oracle Cash Management Bank Statement Interface. After the details are loaded, you may launch the Oracle Cash Management Automatic Bank Reconciliation program to automatically reverse the rejected Bills of Exchange in Oracle Receivables.

Seed Data

Value Set

JEES_WHTAX_SELECTION

Release 10SC Production 16 –Italian Localizations

New Features

Packing Slip for Inventory

Use to print inventory packing slips in accordance with Italian fiscal law. This report manages the shipments related to the following Inter-Organization Transfers:

- Internal transfers between organizations that belong to the same company (Trasferimenti interni)
- Transfers from an internal organization to an external legal entity, defined as an organization (Depositi presso terzi)
- This report does not manage outside processing generated by Oracle Work in Process.

Inventory Item History Schedule

An additional parameter, Print Preliminary Report was added to the Italian Item History Schedule Report, which allows the printing of final reports on preprinted stationery.

Database Objects

New Tables

Created to support the new Packing Slip report:

JE_IT_INV_PACKSLIPS

New Sequence

Created to support the new Packing Slip report:

JE_IT_INV_PACKSLIP_S

Profile Options

New Profile Options

Created to support the new Packing Slip report:

JE_IT_SHIPPER_DATA_PRINTED_INV

Value Sets

Created to support the new reports:

JEIT_RIPS_TRANS

JEIT_INV_PACKSLIP_NUMBER

Oracle Financials for Latin America

This chapter lists the new features offered when you upgrade from Release 10.5, Release 10.6, and Release 10.7 to Release 11 of Oracle Financials for Latin America and the changes made to modules, database objects, seed data, and profile options. Oracle Financials for Latin America is new for Release 11.

Brazilian Release 11 Features and Changes

This section lists the new features added to Oracle Financials for Brazil between Release 10.5 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Refer to the following table to see which part(s) of the new features or changes apply to your upgrade:

If you are upgrading from	Refer to these sections
10.5 Character-mode	Release 11
10.7 GUI Production 16	Release 11

New Features

This section lists the enhancements made to Oracle Financials for Brazil between Release 10.5 and Release 11.

General Information

The following Oracle Financials for Brazil features are used throughout Oracle Applications:

Company Information

You can define specific information that a Brazilian company needs for business transactions within Oracle General Ledger, Oracle Payables, and Oracle Receivables. Company Information includes establishment type, board of trade inscription information, ledger information, and book number controls.

Business Day Calendar

You can define state and local holidays for a specific location. You can also specify how non-working days are treated when a transaction date (such as a due date) falls on a holiday. You can specify whether Oracle Applications should keep that date or use the next or previous working day as the transaction date.

Oracle General Ledger

General Daily Book and General Ledger Book Reports

You can generate Brazilian General Daily Book and General Ledger Book reports within Oracle General Ledger.

- General Daily Book – shows all debit and credit transactions by journal entry date and account printed in chronological order. The entries are reported in the local currency, in a predefined format and pagination, with opening and closing pages.
- General Ledger Book – provides periodic journal entry reporting for each active account in the company's portfolio printed in sequential order. The report shows all debit and credit transactions and account balances, with opening and closing pages.

Consolidated Billing

You can enter shipping invoices with all associated physical, tax, and financial information at the time that goods are received. You can enter consolidated invoices with interest information and associate one or more shipping invoices to a consolidated invoice. You can also import shipping invoices, disassociate shipping and consolidated invoices, and cancel shipping and consolidated invoices.

Bank Transfer

Provides support for the most common Brazilian payment methods: Bank Collection and Credit-to Account. You can enter bank collection documents manually or via bank file, and you can associate the bank collection documents with corresponding trade notes. You can do this association either manually or automatically with an automatic association method that you specify. You can disassociate bank collection documents from trade notes as well as view the trade notes that are not associated in the system. In addition, you can print the payment batch information with the Bordero format.

Interest Treatment

You can define interest parameters at vendor level, vendor site level, or payment schedule level. When you pay an overdue invoice, Oracle Payables automatically creates an interest invoice for the overdue invoice and creates a corresponding payment. Oracle Payables calculates interest based on the business day calendar and shows the interest value and number of days late. If the due date is a weekend or a holiday, Oracle Payables lets you anticipate, postpone, or keep the due date used for interest calculation. You can also define a penalty fee when you pay an overdue invoice.

Tax Treatment

You can enter multiple taxes for an invoice and automatically calculates a tax amount for a tax name that you enter on an invoice. Oracle Payables handles tax reductions and exemptions in the calculation base and rate, and automatically creates invoice distributions for tax charges with the rates and expense accounts you define for your tax names. When you import invoices, you can automatically load the Brazilian fiscal attributes and tax information associated with the invoice.

You can now define the Tax Functional Matrix, including the company business type, supplier type, and item transaction nature, to determine if the ICMS calculated base is IPI inclusive or exclusive. You can enter and account for multiple taxes on an invoice, including compounded tax, VAT and withholding tax, tax reductions, and exemptions.

Subledger Reports

Generate the following subledger reports for Brazil that show legal information in a standard format:

- Supplier Subsidiary Journal – Oracle Payables prints all debit and credit transactions by journal entry date, book account, and vendor. Oracle Payables also generates opening and closing pages.
- Supplier Subsidiary Ledger – Oracle Payables prints all debit and credit transactions by book account and vendor name. Oracle Payables also generates opening and closing pages.

Oracle Purchasing

Tax Treatment

Oracle Purchasing automatically calculates Brazilian VAT taxes (IPI and ICMS) for purchase orders and releases through the manual and auto-create processes. You can set up Brazilian federal and state tax exceptions; Oracle Purchasing handles tax reductions and exceptions to the calculated base and rate. You can enter fiscal attributes at both item and supplier levels.

Oracle Inventory

Tax Treatment

To facilitate tax treatment, Oracle Inventory lets you enter Brazilian fiscal attributes that are related to inventory items.

Oracle Receivables

Bank Transfer

You can create a remittance batch and send the batch to your bank for collection. You can select the invoices (trade notes) that you want to include in the remittance batch by specifying selection criteria and business rules, such as document amount limits for each remittance batch. Remittance batches are sent to the bank for collection either on

paper or magnetic media. You can also assign different remittance formats to your banks.

When you import the returned bank file, Oracle Receivables validates these entries, creates the receipts, and applies the receipts to the original invoices. Oracle Receivables also automatically creates adjustments and debit memos for interest and abatement according to tolerance limits that you can define during set up. Oracle Receivables generates the appropriate accounting when you send the invoice for collection and when you receive the payment from your bank.

Interest and Penalty Fees

You can define the parameters used to calculate the interest at system option, customer profile class, and invoice level. You can also define the interest account when you define the receipt method.

Oracle Receivables calculates the interest amount and penalty fees whenever a receipt is applied by considering the business day calendar.. You can apply or cancel the interest amount or create a debit memo. If the customer pays less interest than the calculated interest, Oracle Receivables creates a debit memo for the interest that is not received. If the customer pays the same interest as the calculated interest, Oracle Receivables creates an adjustment for the interest received.

Billing

You can print invoices that are controlled by a gapless document sequence assigned when printed. The invoice print date determines the payment schedule due dates. You can define legal messages to automatically print on the invoice. Packaging attributes are available in Oracle Inventory to get an invoice item's default weight. You can define Fiscal Attributes such as Federal, State, and City Inscriptions, as well as Freight Carrier, Operation Fiscal Code (CFO), Insurance Amount, and Other Accessory Expense Amount.

Tax Handling

Handles tax inclusive (item amounts inclusive of tax) and tax exclusive (item amounts exclusive of tax) when you manually enter an invoice or when you use the auto-invoice process. The tax accounting generated is also deducted according to the tax value. You can assign multiple tax rates and tax accounts to each invoice line. Oracle Receivables determines the default tax code based on the specific tax hierarchy.

Legal Reports

Show legal information in a standard format:

- Customer Subsidiary Journal – Oracle Receivables prints all debit and credit transactions by journal entry date, book account, and customer. Oracle Receivables also generates opening and closing pages.
- General Ledger Book – Oracle Receivables prints all debit and credit transactions as well as customer account balances. Oracle Receivables also generates opening and closing pages.

Modules

New Windows

- Companies
- Lookup Codes (Brazilian General Information responsibility)
- Local Holidays
- Tax Functional Matrix
- Fiscal Classifications
- Tax Locations
- Tax Exceptions by Fiscal Classifications
- Tax Exceptions by Items
- Operation Fiscal Codes
- Tax Calendars
- Consolidated Invoices
- Collection Documents
- Collection Document Association
- Imported Collection Documents
- Global Receipt Method Accounts
- Bank Occurrences
- Bank Instructions
- Latin Tax Categories
- Legal Messages
- Latin Groups

- Latin Locations
- Fiscal Classifications
- Latin Tax Exceptions
- Tax Exceptions by Items
- Tax Rules
- Complementary Invoices
- Bank Transfer Remittance Batches
- Bank Account Distributions
- Bank Remittance Batches
- Format Remittance Batches
- Trade Notes
- Occurrences Remittance Batches
- Bank Returns
- Correct Bank Returns
- Post Bank Returns

New Reports and Processes

- General Daily Book
- General Ledger Book
- Supplier Auxiliary Ledger
- Supplier Auxiliary Daily
- Consolidated Invoice Register
- Canceled Consolidated Invoices
- Tax Register
- Associated Trade Notes and Bank Collection Documents
- Not Associated Trade Notes and Bank Collection Documents
- Check Format Program
- Bordero– Bank Transfer Request
- Import Bank Collection Documents
- Customer Auxiliary Ledger
- Customer Auxiliary Daily

- Shipping Invoice
- Complementary Invoice
- Customer Interface Error
- Customer Account Detail
- Collection Remittance Batch
- Occurrences Remittance Batch
- Factoring Remittance Batch
- Bank Return Import
- Post Bank Return
- Bank Collection GL Interface

Database Objects

The following database objects were added, changed, or made obsolete between Release 10.5 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Oracle Applications Regional Technical Reference Manual for more information.

New Tables

- JL_BR_AP_COLLECTION_DOCS_ALL
- JL_BR_AP_CONSOLID_INVOICES_ALL
- JL_BR_AP_EXP_REP_HEAD_EXT_ALL
- JL_BR_AP_INT_COLLECTION_TMP
- JL_BR_AP_INT_COLLECT_ALL
- JL_BR_AP_INT_COLLECT_EXT_ALL
- JL_BR_AP_OPERATIONS
- JL_BR_AP_TAX_CALENDAR_HEADERS
- JL_BR_AP_TAX_CALENDAR_LINES
- JL_BR_AR_BANK_INSTRUCTIONS
- JL_BR_AR_BANK_OCCURRENCES
- JL_BR_AR_BANK_RETURNS_ALL
- JL_BR_AR_BORDEROS_ALL

- JL_BR_AR_COLLECTION_DOCS_ALL
- JL_BR_AR_OCCURRENCE_DOCS_ALL
- JL_BR_AR_PAY_SCHED_AUX
- JL_BR_AR_POSTING_TMP
- JL_BR_AR_REC_MET_ACCTS_EXT_ALL
- JL_BR_AR_REMIT_BORDEROS_ALL
- JL_BR_AR_RET_INTERFACE_ALL
- JL_BR_AR_RET_INTERFACE_EXT_ALL
- JL_BR_AR_RET_INTERFACE_TMP
- JL_BR_AR_SELECT_ACCOUNTS_ALL
- JL_BR_AR_SELECT_CONTROLS_ALL
- JL_BR_AR_TX_CATEG_ALL
- JL_BR_AR_TX_GROUP_ALL
- JL_BR_AR_FISC_CLASS_ALL
- JL_BR_AR_TX_LOCAT_ALL
- JL_BR_AR_TX_EXC_FSC_ALL
- JL_BR_AR_TX_EXC_ITM_ALL
- JL_BR_AR_TX_RULES_ALL
- JL_BR_AR_COMP_INV_ALL
- JL_BR_AR_CUST_INT_ERR
- JL_BR_PO_FISC_CLASSIF_ALL
- JL_BR_PO_FUNCTIONAL_MATRIX
- JL_BR_PO_TAX_EXCEPTIONS_ALL
- JL_BR_PO_TAX_EXC_ITEMS_ALL
- JL_BR_PO_TAX_LOCATIONS_ALL
- JL_BR_LOOKUP_CODES
- JL_BR_LOOKUP_TYPES
- JL_BR_LOCAL_HOLIDAY_DATES
- JL_BR_LOCAL_HOLIDAY_SETS
- JL_BR_BALANCES_ALL

- JL_BR_BALANCES_HIST_ALL
- JL_BR_JOURNALS_ALL
- JL_BR_JOURNALS_HIST_ALL
- JL_BR_TAX_LMSG

Changed Tables

The following section lists tables modified from 10.7 to Release 11 to include new columns or remove obsolete columns.

Changed to support the subledger reports.

Modified Table	Obsolete Column(s)	New Column(s)
JL_BR_GL_LEGAL_REP	N/A	APPLICATION_ID

The columns in these database tables were resized for Release 11:

Table Name	Column Name	New Size
JL_BR_GL_LEGAL_REP	ADDRESS_LINE_1	VARCHAR2(40)
JL_BR_GL_LEGAL_REP	ADDRESS_LINE_2	VARCHAR2(40)
JL_BR_GL_LEGAL_REP	ADDRESS_LINE_3	VARCHAR2(40)
JL_BR_COMPANY_INFOS	ADDRESS_LINE_1	VARCHAR2(40)
JL_BR_COMPANY_INFOS	ADDRESS_LINE_2	VARCHAR2(40)
JL_BR_COMPANY_INFOS	ADDRESS_LINE_3	VARCHAR2(40)
JL_BR_COMPANY_INFOS	MUNICIPAL_INSCRIPTION	VARCHAR2(15)

New Views

- JL_BR_AP_INT_COLLECT
- JL_BR_AP_COLLECTION_DOCS
- JL_BR_AP_COLLECTION_DOCS_V
- JL_BR_AP_CONSOLID_INVOICES_V
- JL_BR_AP_INT_COLLECT_EXT
- JL_BR_AP_INVOICES_SHIP_V
- JL_BR_AP_CONSOLID_INVOICES
- JL_BR_AP_INT_COLLECT_EXT_V
- JL_BR_AR_BANK_RETURNS
- JL_BR_AR_RET_INTERFACE
- JL_BR_AR_OCCURRENCE_DOCS
- JL_BR_AR_REMIT_BORDEROS

- JL_BR_AR_SELECT_ACCOUNTS
- JL_BR_AR_SELECT_CONTROLS
- JL_BR_AR_BORDEROS
- JL_BR_AR_COLLECTION_DOCS
- JL_BR_AR_REC_MET_ACCTS_EXT
- JL_BR_AR_RET_INTERFACE_EXT
- JL_BR_AR_SELECT_ACCOUNTS_V
- JL_BR_AR_PAYMENT_SCH_IOB_V
- JL_BR_AR_COMP_INV
- JL_BR_AR_TX_CATEG
- JL_BR_AR_TX_EXC_FSC
- JL_BR_AR_TX_EXC_ITM
- JL_BR_AR_TX_FSC_CLS
- JL_BR_AR_TX_GROUP
- JL_BR_AR_TX_LOCN
- JL_BR_AR_TX_RULES
- JL_BR_AR_TX_RULES_V
- JL_BR_AR_TX_LMSG_CREATE_V
- JL_BR_AR_RET_INTER_V
- JL_BR_AR_RCT_MTHD_1_V
- JL_BR_AR_RCT_MTHD_2_V
- JL_BR_AR_OCCURRENCE_DOCS_V
- JL_BR_AR_BANK_RETURNS_V
- JL_BR_AR_REC_MET_ACCTS_EXT_V
- JL_BR_AR_SELECT_CONTROLS_V
- JL_BR_AR_BORDEROS_V
- JL_BR_AR_BORDEROS_SAB_V
- JL_BR_AR_COLL_DOCS_SAB_V
- JL_BR_AR_COLLECTION_DOCS_IOB_V
- JL_BR_AR_RET_INTERFACE_EXT_V

- TAX_ADJUSTMENTS_VBR
- JL_BR_AR_TX_CATEG_V
- JL_BR_AR_TX_EXC_FSC_V
- JL_BR_AR_TX_EXC_ITM_V
- JL_BR_AR_TX_FSC_CLS_V
- JL_BR_AR_TX_GROUP_V
- JL_BR_AR_TX_LOCN_V
- TAX_LINES_CREATE_VBR
- SO_TAX_LINES_CREDIT_CHECK_VBR
- SO_TAX_LINES_SUMMARY_VBR
- TAX_LINES_INVOICE_IMPORT_VBR
- TAX_LINES_DELETE_VBR
- TAX_LINES_RECURR_INVOICE_VBR
- JL_BR_PO_FISC_CLASSIF
- JL_BR_PO_TAX_EXCEPTIONS
- JL_BR_PO_TAX_EXC_ITEMS
- JL_BR_PO_TAX_LOCATIONS
- JL_BR_BALANCES
- JL_BR_BALANCES_HIST
- JL_BR_JOURNALS
- JL_BR_JOURNALS_HIST
- JL_BR_TAX_LMSG

Seed Data

The following seed data was added, changed, or made obsolete between Release 10.5 and Release 11.

New LOVs (QuickCodes)

JLBR_ADDRESS_LOC_TAX_CLASSIF	PROVINCE
	STATE

JLBR_ARREARS_CODE	0 1
JLBR_AR_BANK_INSTRUCTION_TYPE	COLLECT_INTEREST DISCHARGE_INTEREST OTHER_INSTRUCTION PROTEST_AFTER_DUE_DATE WRITE_OFF_AFTER_DUE_DATE
JLBR_AR_BANK_OCCURRENCE_TYPE	REMITTANCE_OCCURRENCE RETURN_OCCURRENCE
JLBR_AR_BANK_RETURN_ERRORS	COLL_DOC_AMOUNT_NOT_MATCH COLL_DOC_CANCELED COLL_DOC_FULLY_RECEIVED COLL_DOC_NOT_EXIST COLL_DOC_NOT_REJECTED COLL_DOC_NOT_WRITTEN_OFF COLL_DOC_PARTIAL_RECEIVED COLL_DOC_REFUSED COLL_DOC_WRITTEN_OFF INCORRECT_AMOUNT INVALID_BANK_NUMBER INVALID_BANK_OCCURRENCE_CODE INVALID_COMPANY_CODE_FOR_BANK INVALID_COMPANY_INSCRIPT_NUM INVALID_CUSTOMER_NAME JLBRRIVB TRADE_NOTE_NOT_EXIST MATCH
JLBR_AR_BASE_INTEREST_CALC	PARTIAL TOTAL
JLBR_AR_BEARER_OF_TRADE_NOTE	BANK LEGAL_DEPARTMENT MANUAL_RECEIPT REGISTRY

JLBR_AR_BORDERO_STATUS	CANCELED CONFIRMED FORMATTED PARTIALLY_RECEIVED REFUSED SELECTED TOTALLY_RECEIVED WRITE_OFF
JLBR_AR_BORDERO_TYPE	COLLECTION FACTORING OCCURRENCE
JLBR_AR_COLLECTION_DOCS_STATUS	CANCELED CONFIRMED FORMATTED PARTIALLY_RECEIVED PROTESTED REFUSED SELECTED TOTALLY_RECEIVED WRITTEN_OFF
JLBR_AR_COLLECTION_METHOD	COLLECTION FACTORING MANUAL_RECEIPT
JLBR_AR_CUST_INTERF_ERRORS	CUST_CONTRIBUTOR_TYPE_ERROR CUST_INSCRIPTION_DIGIT_ERROR CUST_INSCRIPTION_SUBS_ERROR CUST_INSCRIPTION_TYPE_ERROR ERROR
JLBR_AR_DOCUMENT_TYPE	01 02 03 04 05 06 07 08 13 99
JLBR_AR_GL_DATE_BANK_RETURN	DEPOSIT_DATE RECEIPT_DATE
JLBR_AR_INTEREST_DIFF_ACTION	GENERATE_IDM WRITEOFF

JLBR_AR_INVOICE_PRINT_SUBMIT	AUTOINVOICE BATCH_INVOICE RE_PRINT_INVOICE SPECIFIC_INVOICE
JLBR_AR_OCCURRENCE_STATUS	CANCELED CONFIRMED CREATED SELECTED
JLBR_AR_OPERATION_TYPE	ENTRY EXIT
JLBR_AR_ORIGIN_TYPE	MAINTENANCE SELECTION
JLBR_AR_REMITTANCE_MEDIA	FILE REPORT
JLBR_AR_REMIT_BANK_OCCURRENCE	ABATEMENT_CONCESSION CALL_OFF_PROTEST DISCHARGE_INTEREST_COLLECTION DUE_DATE_CHANGING NOT_PROTEST OTHER_DATA_CHANGING OTHER_OCCURRENCES PROTEST REMITTANCE WRITE_OFF_REQUISITION COLLECTION
JLBR_AR_RETURN_BANK_OCCURRENCE	AUTOMATIC_WRITE_OFF BANK_CHARGES CONFIRMED_ENTRY FULL_SETTLEMENT OTHER_OCCURRENCES PARTIAL_SETTLEMENT PAYMENT_AFTER_WRITE_OFF REJECTED_ENTRY REMITTANCE_CONFIRMATION REMITTANCE_REJECTION
JLBR_AR_SELECTION_STATUS	CANCELED CONFIRMED FORMATTED SELECTED

JLBR_AR_SELECTION_TYPE	AUTOMATIC MANUAL
JLBR_CAL_BASE_DATE	GL DATE INVOICE DATE TERMS DATE
JLBR_COLLECT_ASSOC_METHOD	METHOD1 METHOD2 METHOD3 METHOD4 METHOD5 METHOD6 METHOD7 METHOD8 METHOD9 METHOD10 METHOD12 METHOD12 METHOD13
JLBR_COLLECT_IMPORT_ERROR	01 02 03 04 05 06 07 08 09 10 11 12 13 A1 A2 A3 A4
JLBR_COLLECT_STATUS	ACTIVE CANCELLED
JLBR_ESTABLISHMENT_TYPE	COM EQU MAN
JLBR_INSCRIPTION_NUM_ERRORS	CGC_INSCRIPTION_NUMBER_ERR CPF_INSCRIPTION_BRANCH_ERR CPF_INSCRIPTION_NUMBER_ERR INSCRIPTION_TYPE_ERR

JLBR_INSCRIPTION_TYPE	1 2 3
JLBR_INTEREST_FORMULA	C S
JLBR_INTEREST_PENALTY_TYPE	A R
JLBR_PAYMENT_ACTION	1 2 3
JLBR_PAYMENT_LOCATION	1 2 3
JLBR_SRS_COLL_DOC_SORT_BY	COLLECTION DOCUMENT INVOICE
JLBR_SRS_COLL_DOC_SORT_OPTION	DOCUMENT NUMBER SUPPLIER NAME AND DUE DATE
JLBR_TAX_RULE	GET_BILL_TO_TX_CODE GET_CUSTOMER_TX_CODE GET_EXC_FISC_CLAS_TX_CODE GET_FISC_CLAS_TX_CODE GET_ITEM_TX_CODE GET_LATIN_TX_GRP_TX_CODE GET_LOCATION_TX_CODE GET_MEMO_LINE_TX_CODE GET_ORGANIZATION_TX_CODE GET_SHIP_TO_TX_CODE GET_SYS_OPTIONS_TX_CODE GET_TAX_CATEGORY_TX_CODE
JLBR_TAX_RULE_LEVEL	BASE RATE
JLBR_TAX_TYPE	ICMS-ST INSS IRRF ISS
JLBR_WHT_PERIOD	M W

Obsolete LOVs (Lookup Types)

- ACAA ASSOCIACAO
- ACAA_JUROS
- ACOES_PAGAMENTO
- ACRESCIMO_VALOR_PAGAMENTO
- AR_ERROS
- BLOQUETO STATUS
- CALENDAR_DETAILS
- CALENDAR_QT
- CFO
- CODIGO MORA
- CONTABILIZACAO
- DATA BASE
- DESTINO_OCORRENCIA_BANCARIA
- DOCUMENT_TYPE
- ENVIO_OCORRENCIA_BANCARIA
- ERRO_IMPORTACAO_BLOQUETOS
- ERROS_RETORNO_BANCARIO
- ESTADO
- FISCAL TIPO ITEM
- FORMATO_ENVIO
- FORMULA_JUROS
- INSCRIPTION_TYPE
- IPI BASE ICMS
- LOCAL_PAGAMENTO
- MANUTENCAO_BORDEROS
- METODO DE ASSOCIACAO
- METODO_COBRANCA
- OBJETIVO ITEM
- OCORRENCIA_BANCARIA_REMESSA

- OCORRENCIA_BANCARIA_RETORNO
- ORIGEM_ITEM
- PERIODO_RETENCAO
- PROGRAMA_COBRANCA
- RECUPERACAO_IMPOSTO
- SIM_NAO
- SIT_FISC_ESTADUAL
- SIT_FISC_FEDERAL
- STATUS_BORDEROS
- STATUS_CONTROLE_SEL_CONTAS
- STATUS_CONTROLE_SELECOES
- STATUS_DOCUMENTOS_COBRANCA
- TIPO_CONTRIBUINTE
- TIPO_ESTABELECIMENTO
- TIPO_BORDERO
- TIPO_GL_DATE
- TIPO_IMPOSTO
- TIPO_INSTRUCAO_COBRANCA
- TIPO_OCORRENCIA_BANCARIA
- VALOR_CALCULO_JUROS

Profile Options

The following profile options were added, changed, or made obsolete between Release 10.5 and Release 11 of Oracle Financials for Brazil.

New Profile Options

- JLBR_CHANGE_DATE_AUTOMATICALLY
- JLBR_CALENDAR
- JLBR_PAYMENT_ACTION
- JLBR_PAYMENT_LOCATION

Obsolete Profile Options

- JLBR_ACOES_PGTO
- JLBR_CALENDARIO
- JLBR_FER_LOCAIS
- JLBR_FER_NACIONAIS
- JLBR_MANDATORIO
- JLBR_LOCAL_PGTO
- JLBR_METODO_PAGAMENTO_NDJ
- JLBR_TIPO_TRANSACAO_NDJ
- JLBR_BATCH_SOURCE_ID_NDJ

Argentine Release 11 Features and Changes

This section lists new features added to Oracle Financials for Argentina between Release 10.5 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

Refer to the following table to see which part(s) of the new features or changes apply to your upgrade:

If you are upgrading from	Refer to these sections
10.5 Character-mode	Release 11

New Features

This section lists the enhancements that have been made to Oracle Financials for Argentina between Release 10.5 and Release 11.

Oracle General Ledger

General Ledger Features

You can adjust your monetary account balancing to reflect inflation variation during a given period. Oracle General Ledger generates an inflation adjustment journal entry that reflects the gain or loss due to inflation for each corrected account. Argentine General Ledger keeps both historical and adjusted balances for reporting purposes and provides legal reports required by the Argentine government.

Modules

New Windows

- Inflation Adjustment Accounting Model
- Inflation Adjustment

New Reports and Processes

- General Daily Book
- General Ledger Book
- General Ledger Inflation Adjustment

Database Objects

The following database objects were added, changed, or made obsolete between Release 10.5 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Oracle Applications Regional Technical Reference Manual for more information.

New Tables

- JL_AR_FA_APPRAISAL
- JL_AR_FA_HISTORICAL_VALUES
- JL_AR_FA_RETIREMENT_ADJUSTMENT
- JL_AR_FA_RETIREMENTS_JE_TEMP
- JL_AR_FA_ISR_IMPAC
- JL_AR_FA_EXHIBIT_GROUPS
- JL_AR_FA_EXHIBIT_COLUMNS
- JL_AR_FA_APPRAISAL_EXCEPTION
- JL_AR_GL_AXI
- JL_AR_GL_AXI_ACCOUNTS
- JL_AR_GL_AXI_MODELS
- JL_AR_GL_AXI_MODEL_RANGES
- JL_AR_GL_AXI_TMP

New Views

- JL_AR_FA_BOOKS_PERIODS_V

Oracle GL and Public Sector GL

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle General Ledger and Public Sector General Ledger and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your Oracle General Ledger and Public Sector General Ledger upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle General Ledger and Public Sector General Ledger between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made to between 10SC Production 16.1 and Release 11.

Global Consolidation System (GCS)

Improves General Ledger's consolidation functionality by offering greater clarity and control. GCS provides "one-stop shopping" for consolidations by providing a basis for the standard consolidation business flow, including account mapping, data preparation, data transfer, elimination, summarization, and reporting.

You can use GCS to consolidate multiple companies whose accounting information is maintained in multiple sets of books.

Consolidation Workbench

Provides a central point of control for consolidating an unlimited number of subsidiaries to your parent, while keeping you informed about each subsidiary's consolidation status. You can perform most consolidation steps from the Consolidation Workbench window.

The Consolidation Workbench gives you feedback on the state of the consolidation process, so you always know your current position in the consolidation flow. You can also create mapping sets which you can use to consolidate multiple subsidiaries in a single step. Finally, you can create consolidation hierarchies and display them with a graphical Consolidation Hierarchy Viewer.

Note: If the Consolidation Hierarchy Viewer is not available when you install General Ledger, contact Worldwide Support about the availability of the patch that includes the Consolidation Hierarchy Viewer.

Consolidating Summary Balances

Consolidate summary balances as well as detail balances. Consolidating summary balances can greatly improve consolidation performance since General Ledger must transfer much less data to your parent.

Consolidation Drilldown

Review consolidated balances on-line and drill down to the subsidiary balances that make up the consolidated totals. If you consolidate multiple levels of subsidiaries, you can drill down from one level to the next. At the lowest level of your consolidation hierarchy, you can drill down from the subsidiary balances to the subledger detail.

Centralized Transaction Approval (CENTRA)

Enter, review, and approve (or reject) manual intercompany transactions across your multi-company organization. CENTRA can be used to record transactions across sets of books, even if your sets of books use different charts of accounts, currencies, and calendars. When you enter a transaction that crosses sets of books, CENTRA will automatically create the appropriate journal entries in each set of books.

Both subsidiaries involved in an intercompany transaction must approve the transaction before it can be posted in each set of books. For example, one subsidiary enters and submits the transaction, while the second subsidiary reviews and approves (or rejects) the transaction. This centralized process automatically creates an audit trail of your organization's intercompany activity that can greatly simplify your process for reconciling intercompany accounts.

Journal Approval

Require that journal entries be approved before posting. You create an approval hierarchy and define authorization limits for each user. General Ledger will automatically route journals to the appropriate user, based on your approval hierarchy. This provides an additional level of control before balances are updated.

The approval process is based on the Oracle Applications Workflow engine. General Ledger provides a default approval workflow template for Journal Approval. You can tailor some Journal Approval workflow components to meet your organization's unique business structure.

Mass Maintenance

Move balances from one account to another, or merge balances from multiple accounts into a single account, while maintaining financial integrity between General Ledger and its subledgers. You can also automatically create new accounts based on existing accounts. For

example, if you add a new cost center, you can automatically create all needed accounts by copying the accounts for an existing cost center.

Once you've moved or merged balances, you can drill down to your subledger details from an account inquiry on the move/merge target account.

Drilldown to Originating Journal Entry

Drill down from an account balance to the associated journal lines to the complete journal entry. This enables you to view both sides of the journal entries that affect your account balances.

Enhanced Multiple Organization Drilldown

Drill down to your subledgers independent from their multiple organization setup. The Account Inquiry window ignores the setting of the MO: Operating Unit profile option. As a result, when you drill down to subledger details, General Ledger will show you all of the transactions that comprise an account balance, regardless of which organization originated the transaction.

AutoPost Enhancements

Define multiple AutoPost criteria sets which you can schedule independently. For each criteria set, you can now choose to select journals by journal category and journal effective date, as well as by journal source, balance type, and period.

AutoCopy MassAllocations/Mass Budgets

Quickly create new MassAllocations and MassBudgets by copying existing definitions, then making any necessary changes.

Secured Reversing and Posting

General Ledger now offers function security to control which users can post and reverse journals from the Enter Journals window. Previously, a profile option allowed you to control who could post, but not reverse,

from the window.

FSG Report Title Enhancement

Enter your FSG report titles at the report level, rather than the row set level. This feature allows you to use the same row set to define multiple reports that have different report titles.

Prior Period Journal Notification

Choose to have General Ledger automatically notify you when you try to enter a journal for a prior period. General Ledger will ask you to confirm that you really want to enter a prior period journal.

Performance Improvements

We have improved General Ledger performance by:

- Improving performance of the Summary Account Creation process
- Allowing MassAllocations requests to run in parallel rather than sequentially

Cross-Currency Rates

Enter daily conversion rates between any two currencies, regardless of your functional currency. These rates are also available when entering cross-currency transactions in Payables and Receivables. In addition, you can enter inverse rates independently rather than have General Ledger calculate them from the entered rate.

Daily conversion rates are now shared across all of the sets of books within an Applications instance. You no longer need to maintain the same rates in multiple sets of books. Also, General Ledger provides a new open interface that you can use to load daily conversion rates from an automated process.

Oracle Financial Analyzer Integration Enhancements

This release of General Ledger, combined with Release 6.1 of Oracle Financial Analyzer (OFA), provides the following new features:

Summary Balance Transfer

Transfer summary balances as well as detail balances from General Ledger to OFA. Therefore, you can aggregate balances in General Ledger before transferring them to OFA. This allows you to analyze your financial information at any desired level of detail. After the transfer, you can further aggregate summary data using hierarchies and models.

Average and Encumbrance Balance Transfer

Transfer average and encumbrance balances from General Ledger to OFA for analysis and reporting.

Functional and Statistical Balance Transfer

Load both functional and statistical balances into a single OFA data cube.

Data Cube Enhancements

Create OFA data cubes with nearly 10 quintillion cells, increased from 2 billion in prior releases. In addition, you can now create data cubes using up to 10 dimensions, increased from 6 in prior releases.

Improved Sparsity Handling

OFA now handles sparse data, or data that is not evenly distributed, by combining sparse dimensions into composites. Composites enable OFA to clear sparsely-populated sections of data cubes, freeing disk space and system resources.

Budget Writeback

Download budget data from General Ledger to OFA, modify the data in OFA, then upload all of your changes back to General Ledger. This feature handles functional, statistical, and summary type budget data. OFA can upload and post the budget data to General Ledger automatically, without you having to manually run a budget upload process in General Ledger.

Autoload

Automatically load data and structures into OFA after the General Ledger extraction process has completed.

Public Sector Support

The Financial Analyzer Integration now supports budgetary debit and credit accounts.

Multiple Reporting Currencies (MRC)

With MRC, you can maintain your transactions and account balances in multiple currencies. Amounts for each reporting currency are maintained in a separate reporting set of books. From any of your reporting sets of books, you can:

- Perform online inquiries and produce any of the standard reports, in your reporting currency.
- Use the Financial Statement Generator (FSG) to create custom reports in your reporting currencies.
- Consolidate a reporting set of books directly to a parent set of books, bypassing the need to separately translate the balances in your subsidiary's primary set of books.

If you currently use Dual Currency and Weighted Average Rates, we recommend that you switch to MRC as soon as practicable. While General Ledger still supports those organizations that currently use Dual Currency and Weighted Average Rates, MRC will completely replace Dual Currency in a future release. If you are a new customer, do not use the old Dual Currency feature. Use MRC instead.

For more information, see *Multiple Reporting Currencies in Oracle Applications*

Support for the Euro

Oracle Applications and General Ledger include specific features to support the new pan-European currency, the Euro. General Ledger comes with a predefined currency for the Euro, with a currency code of EUR. For more information, see *Oracle Applications and the Euro*.

Other Changes

Several other miscellaneous changes have been made to General Ledger:

Journal Reversal

General Ledger's Reverse Journals window now includes an alternative region for displaying journal or batch descriptive information.

New FSG Output Option:

FSG includes a new output option, Tab Delimited, for producing tab-delimited output that does not include embedded commands that are specific to GL Desktop Integrator (GLDI). The previous Spreadsheet output option is now used only for GLDI report output. The previous Standard output option has been renamed to Text.

Owners' Equity Accounts Translation

General Ledger includes a new profile option, GL: Owners Equity Translation Rule, that controls whether owners' equity accounts are translated using the Period-to-Date or Year-to-Date rule.

Entering Budget Rules

When you enter budget rules, you can now specify whether the rule should be applied to non-adjusting periods only or to all periods.

Modules

The following section lists new, changed, or obsolete windows in Release 11. The list is limited to major General Ledger windows only. There have also been numerous changes to most of General Ledger's subwindows. For information on new or changed subwindows, see the *General Ledger User's Guide* for Release 11.

New Windows

Added for the Global Consolidation System:

- Consolidation Drilldown
- Consolidation Drilldown: Journal
- Consolidation Mapping Sets
- Consolidation Workbench
- Elimination Sets
- Generate Eliminations
- Transfer Consolidation Data Set

Added for CENTRA:

- Define Recurring Intercompany Transaction Batches
- Enter Intercompany Transaction
- Find Transactions
- Generate Recurring Transactions

Intercompany Clearing Accounts
Intercompany Transaction Types
Subsidiaries

Added for Journal Approval:

Journal Authorization Limits

Added for Mass Maintenance:

Mass Maintenance Workbench
Move/Merge Drilldown: Journal

Added for Multiple Reporting Currencies:

Assign Reporting Sets of Books

Changed Windows

New Window Name	Old Window Name
Consolidation Mappings	Define Consolidation
Transfer Consolidation Data	Consolidate Sets of Books
AutoPost Criteria Sets	AutoPost Criteria
Filters	Segment Range Sets

Changed to support the new Global Consolidation System feature:

Account Inquiry

Changed to support the new Journal Approval feature:

Set of Books
Enter Journals
Journal Sources
Post Journals

Changed to support the new Mass Maintenance feature:

Account Inquiry

Changed to support the new feature that allows drilling down to an originating entry:

Account Inquiry

Changed to support the AutoPost enhancements:

- AutoPost Criteria Sets

Changed to support automatic copying of MassAllocations and MassBudgets:

- Define MassAllocations

- Define MassBudgets

Changed to support the FSG report title enhancement:

- Row Set

- Define Financial Report

- Run Financial Report

Changed to support the new cross-currency rates functionality:

- Daily Rates

Changed to support the new Oracle Financial Analyzer integration features:

- Dimension

- Financial Data Item

- Transfer Requests

Changed to support the new Multiple Reporting Currencies feature:

- Set of Books

Changed to support Oracle Applications' support for the Euro:

- Currencies

- Revalue Balances

Changed to support the display of journal and batch descriptive information:

- Reverse Journals

Changed to support the new FSG output option:

- Define Financial Report

- Run Financial Report

Changed to support the new Period-to-Date and Year-to-Date rules for translating owners' equity accounts:

Historical Rates

Changed to support the new budget rule option to ignore adjusting periods:

Enter Budget Amounts

New Reports and Processes

The following reports were added to support the new CENTRA feature:

Intercompany – Transactions Detail

Intercompany – Transactions Trial Balance

Intercompany – Unapproved Transactions

Intercompany Transfer Program Execution Report

Recurring Intercompany Transactions Execution Report

Added to provide additional journal reporting capabilities:

Journals – Voucher

Journals – Day Book

The following report was added to support Mass Maintenance:

Mass Maintenance Execution Report

The following programs were added for CENTRA:

Program – Delete Intercompany Transactions

Program – Intercompany Transfer

The following program was added for Financial Analyzer Integration:

Analyzer – Load Extracts

The following program was added for Oracle Applications' support for the Euro:

Program – Maintain Euro Period Rates

Changed Reports and Processes

New Name	Old Name
Journals – Tax	Tax Journals Report
Program – Mass Funds Check/Reservation	Program – Mass Approvals

The following programs were changed to support the new AutoPost enhancements:

Program – Automatic Posting

Program – Mass Funds Check/Reservation

The following program was changed for Financial Analyzer Intergration:

Analyzer – Extract Balances

Consolidation Hierarchy Viewer

The Consolidation Hierarchy Viewer is a new module you can use to create and display consolidation hierarchies.

Note: If the Consolidation Hierarchy Viewer is not available when you install General Ledger, contact Worldwide Support about the availability of the patch that includes the Consolidation Hierarchy Viewer.

Account Hierarchy Editor

Account Hierarchy Editor must now be run from the GL Desktop Integrator toolbar. It cannot be run directly from General Ledger.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Release 11 Technical Reference Manual for more information.

New Tables

Created to support the new Global Consolidation System feature.

GL_CONSOLIDATION_SETS

GL_CONS_SET_ASSIGNMENTS

GL_TRANSLATION_STATUSES

Created to support the new CENTRA feature.

GL_IEA_CLEARING_ACCOUNTS

GL_IEA_RECUR_BATCHES

GL_IEA_RECUR_HISTORY
GL_IEA_RECUR_LINES
GL_IEA_RECUR_TRANSACTIONS
GL_IEA_SUBSIDIARIES
GL_IEA_TRANSACTIONS
GL_IEA_TRANSACTION_LINES
GL_IEA_TRANSACTION_TYPES

Created to support the new Journal Approval feature.

GL_AUTHORIZATION_LIMITS

Created to support the new Mass Maintenance feature.

GL_MOVEMERGE_ACCOUNTS
GL_MOVEMERGE_REQUESTS

Created to support the new AutoPost enhancements.

GL_AUTOMATIC_POSTING_SETS

Created to support the new cross-currency rates feature.

GL_DAILY_RATES
GL_DAILY_RATES_INTERFACE

Created to support the Financial Analyzer Integration enhancements.

RG_DSS_VAR_TEMPLATES

Created to support the new Multiple Reporting Currencies feature.

GL_MC_CONVERSION_RULES
GL_MC_REPORTING_OPTIONS

Changed Tables

Modified in Release 11 to include new columns or remove obsolete columns. Note that Obsolete columns have no correlation to New columns.

Changed to support the Global Consolidation System.

Modified Table	New Column(s)	Obsolete Column(s)
GL_CONSOLIDATION	RUN_JOURNAL_IMPORT_FLAG SUMMARIZE_LINES_FLAG AUDIT_MODE_FLAG	
GL_CONSOLIDATION_HISTORY	CREATION_DATE CREATED_BY LAST_UPDATE_LOGIN JE_BATCH_ID CONSOLIDATION_SET_ID STATUS REQUEST_ID GROUP_ID	

Changed to support Journal Approval.

Modified Table	New Column(s)	Obsolete Column(s)
GL_ARCHIVE_BALANCES	APPROVAL_STATUS_CODE	
GL_JE_BATCHES	APPROVAL_STATUS_CODE	
GL_JE_SOURCES	JOURNAL_APPROVAL_FLAG	
GL_SETS_OF_BOOKS	ENABLE_JE_APPROVAL_FLAG	

Changed to support Mass Maintenance.

Modified Table	New Column(s)	Obsolete Column(s)
GL_ARCHIVE_DAILY_BALANCES	OPENING_PERIOD_AGGREGATE	
GL_DAILY_BALANCES	OPENING_PERIOD_AGGREGATE	

Changed to support enhancements to AutoPost.

Modified Table	New Column(s)	Obsolete Column(s)
GL_AUTOMATIC_POSTING_OPTIONS	JE_CATEGORY_NAME AUTOPOST_SET_ID	SET_OF_BOOKS_ID

Modified Table	New Column(s)	Obsolete Column(s)
	ATTRIBUTE6 ATTRIBUTE7 ATTRIBUTE8 ATTRIBUTE9 ATTRIBUTE10 ATTRIBUTE11 ATTRIBUTE12 ATTRIBUTE13 ATTRIBUTE14 ATTRIBUTE15	

Changed to support FSG report title enhancements.

Modified Table	New Column(s)	Obsolete Column(s)
RG_REPORTS	REPORT_TITLE	
RG_REPORT_AXIS_SETS		ROW_SET_TITLE

Changed to support Financial Analyzer Integration.

Modified Table	New Column(s)	Obsolete Column(s)
RG_DSS_DIMENSIONS	LEVEL_CODE	
RG_DSS_REQUESTS	DAY_OF_PERIOD ENCUMBRANCE_ TYPE_ID LEVEL_CODE TEMPLATE_ID	
RG_DSS_VARIABLES	ENCUMBRANCE_ TYPE_ID LEVEL_CODE STATUS_CODE SEGMENT1_TYPE through SEGMENT30_TYPE	

Changed to support Multiple Reporting Currencies.

Modified Table	New Column(s)	Obsolete Column(s)
GL_SETS_OF_BOOKS	MRC_SOB_TYPE_CODE	
GL_JE_BATCHES	PARENT_JE_BATCH_ID	

Modified Table	New Column(s)	Obsolete Column(s)
GL_JE_HEADERS	PARENT_JE_HEADER_ID REVERSED_JE_HEADER_ID	

Changed to support various other features and changes.

Modified Table	New Column(s)	Obsolete Column(s)
GL_ARCHIVE_DAILY_BALANCES		END_OF_DAY36

The following section lists database tables with columns that have been resized for Release 11.

Table Name	Column Name	New Size
RG_DSS_DIMENSIONS	CONTEXT	VARCHAR(150)
RG_DSS_REQUESTS	BALANCE_TYPE	VARCHAR(4)
RG_DSS_VARIABLES	CONTEXT	VARCHAR(150)
	BALANCE_TYPE	VARCHAR(4)

Obsolete Tables

GL_DAILY_CONVERSION_RATES

New Views

Created to support the Global Consolidation System in this release:

GL_CONSOLIDATION_HISTORY_V
 GL_CONS_MAP_SET_V
 GL_CONS_SEGMENT_ACTIONS_V
 GL_CONS_SET_ASSIGNMENTS_V
 GL_CONS_SET_ASSIGN_V
 GL_CONS_SET_NAMES_V
 GL_JE_CONS_BALANCES_V
 GL_TRANSLATION_STATUSES_V
 GL_FUNCTIONAL_BALANCES_V

Created to support the CENTRA feature:

GL_IEA_CLEARING_ACCOUNTS_DFV
GL_IEA_RECUR_BATCHES_V
GL_IEA_RECUR_TRANSACTIONS_DFV
GL_IEA_RECUR_TRANSACTIONS_V
GL_IEA_SUBSIDIARIES_DFV
GL_IEA_SUBSIDIARIES_V
GL_IEA_SUBS_ACTIVE_V
GL_IEA_TRANSACTIONS_DFV
GL_IEA_TRANSACTIONS_V
GL_IEA_TRANSACTION_TYPES_DFV
GL_IEA_TRANSACTION_TYPES_V
GL_IEA_TYPES_ACTIVE_V
GL_SRS_IEA_SUBS_V

Created to support the Journal Approval feature:

GL_AUTHORIZATION_LIMITS_V
GL_HR_EMPLOYEES_CURRENT_V

Created to support the AutoPost enhancements:

GL_AUTOMATIC_POSTING_SETS_V
GL_ALL_JE_CATEGORY_NAME_VIEW

Created to support the Financial Analyzer Integration enhancements:

RG_SRS_DSS_BUD_ENC_V
RG_SRS_DSS_DOP_V
RG_SRS_DSS_HIERARCHIES_V
RG_SRS_DSS_TEMPLATE_V

Created to support the Multiple Reporting Currencies feature:

GL_MRC_REPORTING_SOB_PROFILE_V

Created to support the new cross-currency rates feature:

GL_DAILY_RATES_V

Changed Views

There have also been numerous changes to most of General Ledger's views. For complete information on these changes, see the *Oracle General Ledger Applications Technical Reference Manual* for Release 11.

New Indexes

The index `GL_CONSOLIDATION_HISTORY_N1` on table `GL_CONSOLIDATION_HISTORY` references the following columns:

- **CONSOLIDATION_RUN_ID**

The index `GL_CONSOLIDATION_HISTORY_N2` on table `GL_CONSOLIDATION_HISTORY` references the following columns:

- **GROUP_ID**

The index `GL_CONSOLIDATION_HISTORY_N3` on table `GL_CONSOLIDATION_HISTORY` references the following columns:

- **JE_BATCH_ID**

The index `GL_JE_HEADERS_N4` on table `GL_JE_HEADERS` references the following columns:

- **PARENT_JE_HEADER_ID**

Changed Indexes

The index `GL_CONSOLIDATION_HISTORY_U1` on table `GL_CONSOLIDATION_HISTORY` has changed the order of the columns it references.

- old: `CONSOLIDATION_RUN_ID`
- new: `TO_PERIOD_NAME`, `CONSOLIDATION_RUN_ID`

The index `GL_AUTOMATIC_POSTING_OP_U1` on table `GL_AUTOMATIC_POSTING_OPTIONS` has changed the order of the columns it references.

- old: `SET_OF_BOOKS_ID`, `JE_SOURCE_NAME`, `PERIOD_NAME`, `ACTUAL_FLAG`
- new: `AUTOPOST_SET_ID`, `JE_SOURCE_NAME`, `JE_CATEGORY_NAME`, `PERIOD_NAME`, `ACTUAL_FLAG`

New Sequences

GL_AUTOMATIC_POSTING_SETS_S
GL_CONSOLIDATION_SETS_S
GL_IEA_RECUR_BATCHES_S
GL_IEA_RECUR_HISTORY_S
GL_IEA_RECUR_TRANSACTIONS_S
GL_IEA_SUBSIDIARIES_S
GL_IEA_TRANSACTIONS_S
GL_IEA_TRANSACTION_NUMBERS_S
GL_IEA_TRANSACTION_TYPES_S
GL_JE_APPROVAL_S
GL_MC_REPORTING_OPTIONS_S
GL_MOVEMERGE_REQUESTS_S

New Database Triggers

Trigger Name	Table Name
GL_DAILY_RATES_AI	GL_DAILY_RATES
GL_DAILY_RATES_INTERFACE_AI	GL_DAILY_RATES_INTERFACE
GL_MRC_PERIOD_STATUSES_AU	GL_PERIOD_STATUSES
GL_MRC_PERIOD_STATUSES_BRU	GL_PERIOD_STATUSES

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

Lookup Type	Lookup Code	Lookup Code Description
BATCH_STATUS	C	Showing unopened reporting period
	C*	Was showing unopened reporting period
	F	Showing unopened reporting encumbrance year
	F*	Was showing unopened reporting encumbrance year

Lookup Type	Lookup Code	Lookup Code Description
	O	Unable to convert amounts into reporting currency
	O*	Was unable to convert amounts into reporting currency
	V	Journal batch is unapproved
	V*	Journal batch was unapproved
CONSOLIDATION_STATUS	DD	Journal Deleted
	ID	Imported
	IF	Import Failed
	IG	Importing
	ND	No Data Transferred
	NI	No Data Imported
	NT	Not Transferred
	PD	Posted
	PF	Posting Failed
	PG	Posting
	PS	Selected for Posting
	TD	Transferred
	TF	Transfer Failed
	TG	Transferring
	TS	Selected for Transfer
FIND_APPROVER_METHOD	CHAIN	Go up the management chain
	DIRECT	Go directly to the person with authorization limit
	ONE_STOP_DIRECT	Go to the immediate manager then directly to the person with authorization limit
GL_DSS_BALANCE_TYPE	A	Actual
	B	Budget
	C	Actual and Budget
	E	Encumbrance
	EOD	End of Day
	PATD	Period Average to Date
	QATD	Quarter Average to Date
	YATD	Year Average to Date
GL_DSS_ENCUMBRANCE_TYPE	ALL	All individual encumbrances
	TOTAL	Total of all encumbrances
GL_DSS_LEVEL_CODE	D	Detail level balance

Lookup Type	Lookup Code	Lookup Code Description
	S	Summary level balance
GL_DSS_MATCH_STRUC_SEG	ANY	Any Segment Value
	D	Detail Segment Value
	DR	Detail or Rollup Segment Value
	R	Rollup Segment Value
GL_DSS_PROGRAM_TYPE	B	Balances Extraction Program
	C	Currency Transfer Request
	H	Hierarchy Transfer Request
	L	Extract Load Request
	P	Calendar Transfer Request
	R	Period Rates Transfer Request
	S	Segment Value Extraction Program
GL_DSS_STATUS_CODE	I	Not Validated
	V	Validated
JE_BATCH_APPROVAL_STATUS	A	Your journal batch was approved.
	I	Your journal batch was forwarded to an approver.
	J	Your journal batch was rejected.
	R	Your journal batch requires approval.
	V	Your journal batch failed validation. Check your notification for details.
	Z	Your journal batch does not require approval.
JE_REVERSAL_STATUS	U	Unreversable
LITERAL	LAST	Last Day of Period
	STANDARD	Standard
MJE_BATCH_STATUS	C	Error19 – Unopened reporting period
	F	Error20 – Unopened reporting encumbrance year
	O	Error21 – Unable to convert amounts into reporting currency
	V	Error18 – Showing unapproved journal batch
MOVEMERGE_ACCT_STATUS	D	Existing – Disabled
	E	Existing – Enabled
	F	New – Failed to create

Lookup Type	Lookup Code	Lookup Code Description
	I	Net income
	N	New – Created
	P	Posting not allowed
MOVEMERGE_ REQUEST_STATUS	CC	Mass Creation Completed
	CF	Mass Creation Failed
	CI	Mass Creation In Process
	MC	Move/Merge Completed
	MF	Move/Merge Failed
	MI	Move/Merge In Process
	NR	New
	PC	Purge Completed
	PF	Purge Failed
	PI	Purge In Process
	RC	Reversal Completed
	RF	Reversal Failed
	RI	Reversal In Process
	VC	Prevalidation Completed
	VF	Prevalidation Failed
	VI	Prevalidation In Process
MRC_NO_RATE_ACTION	MATCH	Fail
	USE EARLIEST	Use Earliest
MRC_PROCESSOR_ ERROR_CODE	CALL SUPPORT	Call Support
	NO CONVERSION	No Conversion
	NO CROSS RATE	No Cross Rate
	NO ORIGINAL	No Original
	NO RATE FOUND	No Rate Found
	PERIOD CLOSE	Period Close
	REVERSED	Reversed
OUTPUT_OPTION	S	Tab Delimited
SEGMENT_MAP_TYPE	U	Parent Rollup Ranges
	V	Parent Value
SOURCE/TARGET	S	Source
	T	Target
SUBLDGR_DRILLDOWN_ TRANS_TYPE	ERV	Exchange Rate Variance
	IPV	Invoice Price Variance
TRANSLATION_STATUS	C	Current

Lookup Type	Lookup Code	Lookup Code Description
	N	Never Translated
	U	Not Current

Changed LOVs (QuickCodes)

There have been numerous changes to many of General Ledger's lookups. For complete information, see the *Oracle General Ledger User's Guide* for Release 11.

New Workflows

Added to support the new Journal Approval feature:

Journal Approval Workflow

New Responsibilities

Added to support the new CENTRA feature:

General Ledger CENTRA User

General Ledger CENTRA Subsidiary Super User

Added to support the EURO currency:

General Ledger EURO User

General Ledger EURO Super User

New Daily Conversion Type

EMU Fixed Rate

New Journal Sources

Inflation

Intercompany

Move/Merge

Move/Merge Reversal

Changed Journal Sources

The following journal source name has been changed:

Old Name	New Name
Project Accounting	Projects

New Journal Categories

Bank Charges
Bank Receipts
Burden Cost
Cancellation
Confirmation
Cross Currency
Intercompany Transfer
Inventory
Miscellaneous Transaction
Move/Merge
Move/Merge Reversal
Rejection
Remittance
Write-off

New Storage Parameters

GL_MC_CONV_INT
GL_MC_CONV_INT_U1
GL_MC_OPTIONS_INT
GL_MC_OPTIONS_INT_U1
GL_MC_OPTIONS_INT_U2
GL_MOVEMERGE_BAL
GL_MOVEMERGE_BAL_N1
GL_MOVEMERGE_BAL_N2
GL_MOVEMERGE_DAILY_BAL
GL_MOVEMERGE_DAILY_BAL_N1
GL_MOVEMERGE_DAILY_BAL_N2

GL_MOVEMERGE_INTERIM
GL_MOVEMERGE_INTERIM_N1
GL_MOVEMERGE_INTERIM_N2
GL_MOVEMERGE_INTERIM_N3

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Added to support CENTRA:

Intercompany: Subsidiary

Intercompany: Use Automatic Transaction Numbering

Added to support Journal Approval:

Journals: Allow Preparer Approval

Journals: Find Approver Method

Added to support prior period notification during journal entry:

Journals: Enable Prior Period Notification

Added to support cross-currency rates:

Daily Rates Window: Enforce Inverse Relationship During Entry

Added to support Multiple Reporting Currencies (MRC):

MRC: Maximum Days to Roll Forward Conversion Rate

MRC: Reporting Set of Books

Added to support the new Period-to-Date and Year-to-Date rules for translating owners' equity accounts:

GL: Owners Equity Translation Rule

Obsolete Profile Options

The following profile option is ignored by General Ledger in Release 11. Security over posting from the Journal Entry window is now set using

Oracle Applications' standard function security feature. For new Release 11 installations, the profile option will not be installed.

Journals: Allow Posting During Journal Entry

Production Release 10SC Features and Changes

This section lists new features added to Oracle General Ledger and Public Sector General Ledger between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features for Oracle General Ledger and Public Sector General Ledger are divided by release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16.1

Oracle General Ledger and Public Sector General Ledger had no new features for Production Release 16.1.

10SC Production Release 16

This section lists the enhancements that have been made to Oracle General Ledger and Public Sector General Ledger between 10SC Production 15 and Production 16.

Attachments

Attachments now has production status.

Automatic Tax on Manual Journal Entries

General Ledger can now calculate tax for manual journal entry lines, including reducing the net amount of a tax-inclusive entry. If you use Payables or Receivables, General Ledger shares input and output tax definitions, such as tax rates and tax accounts.

Average Balance Processing

You can automatically maintain average balances on an account-by-account basis for all balance sheet accounts. Average balance processing can be enabled for each set of books, and the average and standard balances can be stored in the same set of books.

General Ledger stores Period Average-to-Date, Quarter Average-to-Date, Year Average-to-Date, and End of Day balances for every day. General Ledger automatically updates average balances each time journal entries are posted.

You can create a transaction calendar to determine which days are valid business days. You will generally enter transactions only on business days, but you can allow certain users to enter transactions on non-business days as well.

General Ledger automatically maintains average balances and summary average balances in both entered and local currencies. You can translate average balances to any reporting currency and consolidate average balances between accounting entities. Review average balances online or in standard reports, or use the General Ledger Financial Statement Generator (FSG) to easily create custom financial reports that comply with Federal Reserve statutory reporting requirements.

You can also reference average balances in formula journals, such as recurring journals and MassAllocations, and archive and purge average balances for any range of accounting periods.

Change Sign Journal Reversals

When you reverse a journal, you can either change the sign of the originating journal line amounts or switch the debits and credits. For example, for accruals, you may choose to switch the debits and credits. However, for an error journal, you may want to change the signs of the original amounts.

Enhanced Auditability Between General Ledger and Feeder Systems

General Ledger provides the ability to freeze journals that were imported from subledgers. If you choose to freeze journal entries that were transferred from a specific feeder system, then those journal entries will be unchangeable in General Ledger. This makes it easier to maintain an audit trail between the journal entries in General Ledger

and the transactions in the feeder system.

FSG Report Security

You have the option of extending segment value security to financial reports. In this case, when you run a financial report, the report includes only financial data for the segment values that you can access. Segment value security was previously incorporated into data entry and data inquiry.

FSG Transfer

Any Financial Statement Generator report object, report, or report set can be copied between databases. This eliminates the need to rekey report definitions in multiple databases. For example, you can define Financial Statement Generator reports in a test system while implementing General Ledger, then automatically transfer those reports to your production system.

Full Cost Pool Allocations

When running MassAllocations, the cost pool may not divide evenly into the target accounts. In this case, you can either allocate the entire cost pool, with the rounding difference automatically added to the target account with the largest allocation amount, or you can leave the rounding difference in the cost pool to be allocated in the future.

GL Desktop Integrator Report Wizard

The Report Wizard now has production status.

Parent Rollup Mapping Rule

You can reference parent segment values in consolidation definitions using a new parent rollup segment mapping rule. By referring directly to parent values, the consolidation definition automatically incorporates any organizational changes that roll up into the referenced parent values. This reduces consolidation mapping maintenance.

This section lists the enhancements that have been made to Oracle General Ledger and Public Sector General Ledger since it was included as a Release 10SC Production product in Production 1.

Account Hierarchy Editor (Production 1)

With the Account Hierarchy Editor, you can graphically create, maintain, and review account structure hierarchies. You can define new parent and child segment values, as well as change parent/child dependencies. You can also create new rollup groups from Account Hierarchy Editor and have your changes reflected automatically in both the Key Segment Values and Rollup Groups windows.

The Account Hierarchy Editor has a "no save" option, so you can allow certain users to view account hierarchies but not save any changes.

Attachments (Production 8)

You can attach text, images, or OLE objects such as spreadsheets and word processing documents, to your General Ledger data. For example, you might attach an invoice that you entered in a word processing program to a journal entry.

Note: As of Production 15, Attachments had a Beta status.

Export to a Tab Delimited File (Production 13)

You can export the information from any multi-row block, such as journal lines, to a tab-delimited file that you can view using a spreadsheet, such as Microsoft Excel or Lotus 1–2–3.

Financial Analyzer Integration (Production 10)

You can automatically transfer your accounting data from General Ledger to Oracle Financial Analyzer for financial analysis and complex modeling in a distributed environment.

You can transfer your foreign-entered and foreign-translated balances, as well as functional and statistical balances, from General Ledger to Oracle Financial Analyzer.

General Ledger is integrated with Release 4.6.2, or later, of Oracle Financial Analyzer.

GL Desktop Integrator (Production 7)

GL Desktop Integrator (GLDI) is a spreadsheet-based extension of General Ledger that offers full cycle accounting within a spreadsheet. With GLDI, you can create budgets, record transactions, and run financial statements during every phase of the accounting cycle without leaving your spreadsheet.

GLDI includes the Budget Wizard, Journal Wizard, Report Wizard, and Watch Utility.

- **Budget Wizard**

Provides a spreadsheet-based budget entry screen that facilitates simple data entry and modeling in a disconnected environment. Use the Budget Wizard to build a budget spreadsheet automatically, based on the budgets and budget organizations you set up within General Ledger. You can download existing budget balances from General Ledger or create a new budget. Enter your new budget balances manually, use budget rules, or use formulas and models. You can then automatically graph your budgets, and even compare budget and actual balances using a variety of graph styles. Afterward, you can save a budget spreadsheet on your PC and work on it at any time. When you are satisfied with your budget, you can automatically upload the new budget balances to General Ledger.

- **Journal Wizard**

Lets you design and automatically generate spreadsheet-based journal entry worksheets that use popular spreadsheet data entry techniques. You enter journal entries directly in a spreadsheet, so you can take advantage of spreadsheet data entry shortcuts such as copying and pasting or dragging and dropping ranges of cells, or even using formulas to calculate journal line amounts. GL Desktop Integrator validates your data against the accounts, security rules, and reference information you defined in General Ledger. You can save and distribute your journal worksheets for approval then automatically upload them to the General Ledger.

- **Report Wizard**

Provides a spreadsheet-based interface to General Ledger's financial reporting engine, the Financial Statement Generator

(FSG). The Report Wizard supports report definitions for all user levels. Novice users can define simple reports entirely within a spreadsheet, intermediate users can use a combination of spreadsheets and assistance windows, and advanced users can use configurable property sheets that allow faster data entry. Most importantly, the spreadsheet interface allows users to manage the reporting process within the comfort and familiarity of a spreadsheet, while still taking advantage of the FSG reusable and interchangeable report objects, server-based processing for high performance, and report scheduling for efficient use of system resources.

After defining your reports, you can submit them and view the results within a spreadsheet. Reports are submitted from your spreadsheet, but they are run on the server for maximum processing efficiency. When your report is complete, the Report Wizard automatically copies the output back to the spreadsheet while applying custom formatting, such as colors, fonts, or corporate logos. You can even choose to automatically inherit the formatting from format templates. For example, you could choose to inherit the formatting for your income statement from an income statement template, or you could inherit the formatting from a balance sheet template when you run a balance sheet.

Note: As of Production 15, the Report Wizard had a Beta status.

- **Watch Utility**

Monitors your concurrent requests, such as financial report, journal, or budget uploads, and notifies you when they are complete by flashing a message on your screen. The Watch Utility not only monitors concurrent programs submitted by GLDI, but extends this capability to simultaneously monitor any concurrent program submitted by any Oracle Application against any database. Once they are complete, you can view your concurrent request log or output report by using any word processor or editor. You can also categorize your concurrent requests by adding specific requests to a Hot List for future access.

Post Journals from the Enter Journals Window (Production 1)

You can post journal entries and batches directly from the Enter Journals window. This is a secured feature, so you can control which users are allowed to post journals directly from the Enter Journals window.

Reverse an Entire Journal Batch (Production 1)

You can reverse all journal entries in a journal batch at the same time.

Transparent Journal Batching (Production 1)

You can create journal entries directly (from the Enter Journals window), without first having to create a journal batch. The journal batch is still required, but General Ledger creates it for you automatically, and gives it the same name as your journal entry.

Modules

New Windows

Added to support automatic tax on journals, copying report objects from one database to another, and average balance processing:

- Tax Codes and Rates
- Tax Names
- Tax Options
- Define Database Links

New Reports and Processes

The following program was added to support copying report objects from one database to another:

- Program – FSG Transfer

Database Object Changes

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16

The following database objects have been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Tables

Created to support the new JE Tax feature:

GL_TAX_OPTIONS
GL_TAX_OPTION_ACCOUNTS
GL_TAX_CODES_V

Created to support the new parent rollup consolidation mapping rule:

GL_CONS_ROLLUP_RANGES_V

Changed Tables

The following section lists tables modified in 10SC Production 16 to include new columns:

Table	New Column(s)
GL_JE_BATCHES	ORG_ID
GL_JE_HEADERS	TAX_STATUS_CODE
GL_JE_LINES	TAXABLE_LINE_FLAG TAX_TYPE_CODE TAX_CODE_ID TAX_ROUNDING_RULE_CODE AMOUNT_INCLUDES_TAX_FLAG TAX_DOCUMENT_IDENTIFIER TAX_DOCUMENT_DATE TAX_CUSTOMER_NAME TAX_CUSTOMER_REFERENCE TAX_REGISTRATION_NUMBER TAX_LINE_FLAG TAX_GROUP_ID
GL_SETS_OF_BOOKS	ENABLE_AUTOMATIC_TAX_FLAG

Changed Views

Modified to support new features in Release 10SC Production 16:

GL_ALLOC_FORMULAS_V
GL_CONS_SEGMENT_MAP_V
GL_JE_BATCHES_HEADERS_V
GL_JE_BATCHES_V
GL_JE_HEADERS_V
GL_JE_LINES_V
GL_SEGMENT_MAP_CONS_V

GL_SETS_OF_BOOKS_V
GL_VARIANCE_BALANCES_V
GL_VARIANCE_SEC_BALANCES_V

New Sequences

Added to support new features in Release 10SC Production 16:

GL_JE_LINES_S

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

10SC Production Release 16

New LOVs (QuickCodes)

Added for the BATCH_STATUS QuickCode type:

Q	Showing untaxed journal entry
Q*	Was showing untaxed journal entry

Added or the MJE_BATCH_STATUS QuickCode type:

Q	Error 17 — Showing untaxed journal entry
----------	--

Added for the TAX_STATUS QuickCode type:

N	Not required
Y	Required
T	Taxed

Added for the TAX_TYPE QuickCode type:

I	Input
O	Output

Added for the TAX_ROUNDING_RULE QuickCode type:

U	Up
----------	----

D	Down
N	Nearest

New QuickCode Types

TAX_STATUS	Indicates whether a journal is taxable, or if it has already been taxed.
TAX_TYPE	Indicates whether the journal amount uses an Input or Output tax type. Input tax types are generally associated with expenses and Oracle Payables. Output tax types are generally associated with revenues and Oracle Receivables.
TAX_ROUNDING_RULE	Indicates how a journal's calculated tax amount is rounded.

Profile Option Changes

The following profile options were added, changed, or made obsolete between Release 10.7 and 10SC Production Release 16.1.

10SC Production Release 16

New Profile Options

Added to support segment value security for Financial Statement Generator reports:

FSG: Enforce Segment Value Security

Added to support average balance processing:

Journals: Allow Non-Business Day Transactions



Oracle Global Accounting Engine

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Applications Global Accounting Engine and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes, and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 Production 16.1 Production 16
10.7 GUI Production 16	Release 11 Production 16
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Applications Global Accounting Engine between Release 10SC Production 16.1 and Release 11. It describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made to Oracle Applications Global Accounting Engine between 10SC Production 16.1 and Release 11.

Subledger Architecture

All transactions are accounted in subledgers. Transfer to General Ledger can be done in summary (advisable) or in detail.

A subledger accounting entry is created each time a document such as an Invoice, Payment, etc. changes state. A change in state or accounting event is associated with an event type that creates an accounting entry that consists of one accounting entry header and two or more accounting entry lines. Each subledger accounting entry is created according to the business rules linked to the specific event type.

Miscellaneous transactions related to control accounts are now entered through subledgers. Subledger balances are maintained for all customers/suppliers via control accounts. Entries or updates to control accounts cannot be made through General Ledger; these transactions are incorporated in customer/supplier balances if they are entered at that level and are printed on all subledger reports and daily journal books.

Enhanced Subledger Accounting Process

Enhancements such as negative debits and credits are made possible in subledger accounting. One accounting event can be accounted across multiple sets of books, different chart of accounts, different calendars, and multiple currencies each using a different set of rules.

Accounting entry enables the following features:

- Granularity of accounting entry lines as defined by rules
- Inter-balancing accounting per event
- Gain and loss accounted per accounting entry

Enhanced Sequential Numbering

Subledger accounting entries are sequentially numbered according to event types and their assignment to a journal book. You can set up journal books across subledgers, such as a Cash Journal Book. New event types supported by subledger accounting include adjustments in Oracle Payables and remittances in Oracle Receivables.

Statutory Reports

The reporting capability includes page break subtotals, carry forward amounts, and account inventory type reports. Subledger balances and trial balances are printed by liability/receivable account and by supplier/customer name.

Subledger daily journal books (Journaux, Libro, Diario) include:

- Sales Journal Book
- Purchase Journal Book
- Miscellaneous Journal Book
- Cash Journal Book

Third Party Audit and Fiscal Control Reconciliation

The transfer from Subledger to General Ledger consists of transferring subledger accounting entry lines through a common journal per application (Journal de Centralisation). You can complete this transfer in either in a summarized or detailed format. Drill down from the General Ledger accounting entry line to the subledger accounting entry line(s) and further throughout each corresponding document or transaction. You can secure control accounts to provide a certified audit trail. Country-definable accounting entry line descriptions such as supplier/customer fiscal number, voucher number, agreement number, and reason code are printed consistently across all standard reports.

Multi Reporting Currency (EURO)

Supports both EURO and Multi Reporting Currency. Posting is synchronized across all of your set of books, and all subledger reports are available in each currency.

AX Setup Subledgers

You can now use the Setup Subledgers window to assign rules to your set of books and to define defaults for the Posting Manager..

Project Manufacturing Support

Now available for Project Manufacturing users.

Cash Management Support

Now available for Cash Management users.

Non Permanent Inventory

Supports enhanced accounting method for Periodic Inventory Accounting

Modules

New Windows

AX Setup Subledgers

New Executables

AXXPSSCM	Supplier/Customer Merge
AXXGRACC	Account Ledger by Account/Accounting Flexfield
AXXGRBAL	Third Party Balance
AXXGRDJB	Daily Journal Book
AXXGRSLR	Third Party Subledger
AXXSUCCI	Synchronize code combinations

New Programs

AXXPSSCMS	Supplier Merge Accounting
AXXPSSCMC	Customer Merge Accounting
AXXGRDJBL	Daily Journal Book – Line Descriptions
AXXGRDJBH	Daily Journal Book – Header Descriptions
AXXGRDJBF	Final Daily Journal Book – Header Descriptions
AXXGRACCA	Account Ledger By Account
AXXGRACCF	Account Ledger By Accounting Flexfield
AXXGRBALSA	Supplier Balance by Account

AXXGRBALSF	Supplier Balance by Accounting Flexfield
AXXGRBALCA	Customer Balance by Account
AXXGRBALCF	Customer Balance by Accounting Flexfield
AXXGRSLRSA	Supplier Subledger by Account
AXXGRSLRSF	Supplier Subledger by Accounting Flexfield
AXXGRSLRCA	Customer Subledger by Account
AXXGRSLRCF	Customer Subledger by Accounting Flexfield
AXAPPPST	AX Controller AP Posting
AXXSUCCI	Synchronize code combinations

Obsolete Programs

AXXTRREP
 AXXRUAPF
 AXXRUARF
 AXXRUICF
 AXXPSTGL
 AXXLRGRL
 AXXLRBAL

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

See the Oracle Applications Global Accounting Engine Technical Reference Manual for more information.

New Tables

AX_MC_TABLES
 AX_SETUP_GLOBAL
 AX_SETUP_SUBLEDGERS
 AX_SETUP_POSTING_BOOKS
 AX_SETUP_INV_ORG_PROCS

Changed Tables

The following section lists tables modified in Release 11 to include new columns or remove obsolete columns.

Modified Table	New Column(s)
AX_SLE_LINES AX_BALANCES	BALANCE_FLAG UPDATE_FLAG HISTORIC_BALANCE BALANCE_SEGMENT ACCOUNT_SEGMENT
Modified Table	Changed Column(s)
AX_REPORT_PARAMETERS	LAST_UPDATE_LOGIN

Obsolete Tables

AX_SYSTEM_PARAMETERS
AX_INV_ORG_PROCESSING

New Views

AX_EVENT_TYPES_V
AX_IT_AP_GAINLOSS_V
AX_IT_AR_CTRX_V
AX_IT_FND_DOCSEQ_V
AX_RCV_TRANSACTIONS_V2
AX_SETUP_SUBLEDGERS_V
AX_SETUP_POSTING_BOOKS_V
AX_SETUP_INV_ORG_PROCS_V

Changed Views

AX_THIRD_PARTY_V
AX_SUBS_V

New Value Sets

AX_INV_ACCOUNTING_CATEGORY

AX_SRS_GL_ACCOUNT_DYNAMIC

AX_NPI_ACCOUNTS1

AX_NPI_ACCOUNTS2

AX_NPI_ACCOUNTS3

AX_NPI_ACCOUNTS4

AX_NPI_ACCOUNTS6

AX_NPI_ACCOUNTS7

AX_NPI_ACCOUNTS8

New Lookups

AX_3RD_PARTY_	CUSTOMER	Unidentified customer
UNIDENTIFIED	CUSTOMER_SITE	Unidentified customer site
AX_FIXED_	ALL_OPERATING_	All
OPERATING_UNITS	UNITS	

Production Release 10SC Features and Changes

This section lists new features added between Release 10.7 and 10SC Production Release 16.1. It describes the changes made to database objects, seed data, and profile options for the same interval.

Modules

10SC Production Release 16.1

New Windows

Journal Entries

Journal Entry Lines

Define/Compile Translator Program

Submit Posting Manager

New Reports and Processes

Daily Journal Book – Line Descriptions

Daily Journal Book – Header Description

Account Ledger by Account

Account Ledger by Accounting Flexfield

Supplier/Customer Subledger by Account

Supplier/Customer Subledger by Accounting Flexfield

Supplier/Customer Balance by Account

Supplier/Customer Balance by Accounting Flexfield

Obsolete Reports and Processes

AX Journal (replaced by Daily Journal Book – Line Descriptions)

AX Third Party Subledger (replaced by Supplier/Customer Subledger by Account)

AX Third Party Balance (replaced by Supplier/Customer Balance by Account)

Database Object Changes

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16.1

This section lists the changes that have been made between 10SC Production 16 and 10SC Production 16.1.

New Tables

AX_REPORT_PARAMETERS

AX_NPI_ACCOUNTS

AX_ID_HASH_RESULTS

Changed Tables

Modified Table	New Column(s)
AX_INV_ORG_PROCESSING	COST_UPDATE_BRIDGING INVENTORY_ADJUSTMENT_BRIDGING

MISCELLANEOUS_ISSUE_BRIDGING
MISCELLANEOUS_RECEIPT_BRIDGING

Modified Table

Changed Column(s)

AX_ARITHMETIC_EXPR

OPERAND_TYPE

AX_CLAUSES

COMPARISON_OPERATOR

AX_CONDITIONS

COMPARISON_OPERATOR

AX_RULES

APPLICATION_ID

RULE_NAME

AX_RULE_LINES

RULE_ID

RECORD_ID

TABLE_NAME

COLUMN_NAME

AX_RULE_CATEGORY

CATEGORY_NAME

New Views

AX_COLUMNS_V

AX_TABLES_V

AX_CONTEXT_TABLES_V

AX_SUBS_V

AX_THIRD_PARTIES_V

AX_SCHEME_CONTEXTS_V

AX_JOURNAL_ENTRY_LINES_V

AX_NPI_ACCOUNTS_V1

AX_RCV_TRANSACTIONS_V1

AX_MTL_INTERORG_PARAMETERS_V1

AX_TRANS_SCHEMES_V

Changed Views

AX_EVENTS_V1

New Indexes

AX_NPI_ACCOUNTS_U1
AX_ID_HASH_RESULTS_U1

Changed Indexes

AX_VARIANCES_U1

Seed Data

The following seed data was added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

10SC Production Release 16.1

New Value Sets

AX_ACC_ACCOUNTING_FLEXFIELD
AX_ACC_DESCRIPTION_LENGTH
AX_ACC_POSTING_STATUS
AX_ACC_REPORT_MODE
AX_SRS_ACCOUNT
AX_SRS_APPLICATIONS
AX_SRS_BALANCING
AX_SRS_BEGIN_DATE
AX_SRS_COA
AX_SRS_DATE_ORDER
AX_SRS_END_PERIODS
AX_SRS_END_PERIOD_NUM
AX_SRS_NO_VALIDATION_CHAR
AX_SRS_PERIODS
AX_SRS_PERIOD_NAMES
AX_SRS_PERIOD_NUM
AX_SRS_USER_ID
AX_SRS_YES_NO

AX_SUB_ID

AX_THIRD_PARTY_ID

New Lookups

AX_ACC_DESCRIPTION_ LENGTH	L	Long
	S	Short
AX_ACC_POSTING_ STATUS	A	All
	P	Posted
	U	Unposted
AX_ACC_REPORT_MODE	D	Detail
	S	Summary
AX_APPLICATIONS	AP	Oracle Payables
	AR	Oracle Receivables
	All	All
	GL	Oracle General Ledger
AX_CARRY_ FORWARD_TITLE	F	Carry Forward
	H	Carried Forward
	R	Running Total
AX_DJB_DATE_ORDER	C	By Creation Date
	D	By GL Date
AX_EVENT_COLUMNS	APPLICATION_ID	APPLICATION_ID
	EVENT_ID	EVENT_ID
	EVENT_TYPE	EVENT_TYPE
	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
	TRANSLATED_ DATE	TRANSLATED_ DATE
	TRANSLATION_ STATUS	TRANSLATION_ STATUS
AX_FIXED_CONTEXT	(Base_Event_Table)	(Base_Event_Table)
	(Event_Table)	(Event_Table)
AX_FIXED_SCHEMES	NOOP_SCHEME	No Operation



Oracle Human Resources

This chapter lists new features offered when you upgrade from Release 10.7 to Release 11 of Oracle HRMS (Oracle Human Resources and Oracle Payroll), Oracle Training Administration, Application Data Export, Oracle Time Management and SSP/SMP and the changes made to modules, database objects, seed data and profile options.

This chapter is divided into several sections: one for the Release 11 features and changes for individual Human Resources products and one for Release 10 SmartClient features and changes for the products to which they apply.

Refer to the following table to see which part(s) of the new features or changes topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes – Oracle HRMS

This section lists new features added to HRMS between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

HRMS New Features – Core Product

This section lists the enhancements made to the core product (Oracle Human Resources and Payroll) between 10SC Production 16.1 and Release 11.

Career Management

This new functionality is built upon the emerging disciplines of performance management and the competence approach. This gives a single, unified model and language for traditionally different activities (such as appraisals, assessment, recording accomplishments, and such). By using this one approach, you can:

- operate more effectively at work
- perform key human resource management processes consistently across the enterprise
- achieve clearly defined business goals within a common framework

A common framework for describing and assessing competencies speeds the deployment process within your enterprise. This is both cost-effective and desirable. Imagine how quickly your managers can respond to new challenges when they can identify and select employees and applicants on a common basis—they can also match employees and applicants with opportunities that arise across the whole enterprise. This ability to perform global deployment effectively, through a 'virtual job market', provides your enterprise with the competitive edge with deployment. Consider being able to create opportunities in the US and recruit globally using common terminology to build up teams with complementary skills.

Oracle Human Resources provides you with web and workflow-based access for many line manager and employee end-user activities through an intuitive, easy-to-use interface. Alternatively, you can perform many activities using standard Oracle HRMS windows.

Note: The Career Management information is likely to change during the Release 11 cycle.

Advance Pay

Used to set up payment for individual employees in advance for holidays or other events.

RetroPay by Run

An additional RetroPay process available in Release 11. However, it will only be available if you make a specific request to have it enabled. If you enable RetroPay by Run in addition to the existing RetroPay process, the existing process is renamed to RetroPay by Aggregate.

RetroPay by Run and RetroPay by Aggregate differ in these ways:

- RetroPay by Run enables you to see how back dated changes are distributed across individual processes.

For example, if an employee receives a March salary increase of £300 back dated to January, then RetroPay by Run enables you to see modified salary statements for January February and March.

- RetroPay by Aggregate combines all back dated adjustments into a single entry for each balance.

For example, if an employee receives a March salary increase of £300 back dated to January, then RetroPay by Aggregate will only calculate the total back pay of £300. You cannot see how the £300 total has been distributed across each of the three months from January to March.

Seeded Task Flows

In this release we supply a window (PERWSHRG) that includes both the People and Assignment windows. This enables the Assignment window to open more quickly from the People window. The seeded task flows use this new window, and we recommend that you use this window in place of the People window (PERWSEPI) and Assignment window (PERWSEMA) in any task flows that require both windows.

Improved Performance

If you have a large HRMS database with many organizations, jobs, positions, grades, locations and cities, you will see a performance improvement on the list of values on these fields throughout the system. They have now been defined as "long lists". This means you are presented with a dialog box in which to enter selection criteria when you ask for the list of values on these fields.

New HR:Security Profile User Profile Option

We have changed the way a security profile is associated with a responsibility. You associate a security profile with a responsibility by setting a new user profile option called HR: Security Profile.

When you set the HR:Security Profile profile option for a responsibility, the HR:Business Group profile option is defaulted to the Business Group of the security profile chosen earlier.

In the Release 11 upgrade, the HR:Security Profile profile option is set for all responsibilities for which the HR:Business Group profile option has been set. Responsibilities that connected to a secure Oracle user in Release 10 are given the restricted security profile that corresponds to the data group held against that responsibility in Release 10.

HR:Business Group Profile Option

HR Business Group Profile Option is now a read-only profile option, defaulted from the new HR:Security Profile profile option. It now exists at only Site and Responsibility level. In Release 10 it was possible to set it at Application Level.

In the Release 11 upgrade, application level settings for the HR:Business Group profile option are replaced by responsibility level settings.

MIX

Mix now enables you to do the following:

- Rollback

You can rollback the MIX transfer process for newly inserted element entries, but not for entries that have been updated.

Note: This is only available through the standard Submit Requests window.

- New batch process and window

In the Batch Header window, you can now create batch lines for whole assignment sets using the Create Batch Lines window. This speeds up the process of making batch element entries for MIX processing. This functionality is available to HR-only customers.

Define Function

You can register new FastFormula functions directly using this window. User defined functions, such as calculating the proration for mid-month

salary increases, enable implementers to meet specific business requirements for each enterprise.

New Menu Feature – FastPath

You can now call directly from the menu certain windows that are normally available only in task flows. A Find window displays, enabling you to select the Person or Assignment you want to see.

APIs

We publish the current list of production status:

- APIs
- APIs supporting API user hooks.

Refer to the *What's New* online help to see the APIs in Release 11.0.

Business Process APIs

When you run the Business Process APIs against the APPS Oracle user, they access data through an unrestricted security profile.

Payroll and FastFormula Multibyte Support

Oracle HRMS can now handle multibyte characters for languages such as Japanese.

Latest Balance Retention

When a payroll run completes, Oracle Payroll saves latest balances for each balance type that have been defined as a latest balance, leading to high performance in subsequent runs and post run reporting. Before Release 11.0, however, rolling back a payroll run deleted all these balances, leading to slower processing time for the next payroll run.

In Release 11.0, the latest balances from the previous run are retained. They are not deleted if you roll back the current run, and so they remain available for the next payroll run.

Note: You will now only lose your latest balances if you roll back both the current run and the previous run, perform a reversal or perform a balance adjustment.

Process Restartability

In previous releases, if the system crashed during a payroll run it would resubmit the payroll from the beginning again when it restarted, thereby processing some assignments twice. Release 11.0 prevents this from happening. To restart a payroll run after a crash, contact Oracle Worldwide Customer Support for assistance.

FastFormula now callable from PL/SQL

HR users as well as Payroll users can now call FastFormula from PL/SQL, making it possible to use formulas in a wider context, for example, in business rule validation.

Restricted Security Profile

Oracle HRMS users with a restricted security profile now connect to the same Oracle user as those with an unrestricted, or View All, security profile: the APPS Oracle user.

Reporting users are unaffected by this enhancement. As in previous releases of Oracle HRMS, you can optionally create a read-only reporting Oracle user for each restricted security profile. This enhancement simplifies the administration of security profiles. It is no longer necessary to maintain secure Oracle users for every restricted security profile. The Generate Secure User process is now run only if you are creating reporting users.

Line Manager Direct Access users have access to the security profiles defined through Oracle HR.

Mass Update of Applicants

This window now clears the information from the fields once you accept or cancel the update, saving you from having to remove the information before performing another update. You can also look at ten rows of information instead of five.

Renamed Secure Views

Secure Views which had a _SECV suffix in Release 10, have been renamed and restructured to use a PL/SQL function. If you connect to the APPS Oracle user through SQL*Plus, the secure views return an unrestricted set of data.

If you connect to a reporting Oracle user, the data returned by the secure views is restricted according to the definition of the security profile associated with the reporting Oracle user.

Telephone Numbers on the Person Window

The Work Telephone field is no longer stored on the Person table, or maintained through the Person window. It is now maintained in the new Phones table, and through the task flowed Phones window.

In the Phones window, you can store multiple telephone numbers of different types. These may include work numbers, home numbers, mobiles, fax numbers, and such. You can add your own phone types.

Telephone numbers may still be held directly on addresses as well. They are independent of the personal phone numbers, to cater to customers who want to associate the telephone number directly with an address.

List of Values (QuickCodes)

The customization level for the QuickCode FREQUENCY has been changed from Extensible to System.

Custom Library

We publish the current list of windows and event points from which calls can be made to Custom Library. All windows contain some calls to Custom Library. For a list of event points for these calls, see *Events Passed to the Custom Library*.

In certain windows we have created *additional* event points that are passed to the Custom Library. These event points are as follows:

WHEN-CREATE-RECORD
POST-QUERY
KEY-DELREC
PRE-UPDATE
PRE-INSERT
PRE-DELETE
POST-INSERT
POST-UPDATE
POST-DELETE

POST-FORMS-COMMIT
WHEN-BUTTON-PRESSED
NAVIGATE

The NAVIGATE event is passed to the CUSTOM library whenever a user selects a task flow navigation option and before opening the new window. The following field values are set for the duration of this event:

- CTL_GLOBALS.DESTINATION_FORM
- CTL_GLOBALS.DESTINATION_BLOCK

You can use this event to supplement the validation that takes place when a task flow navigation option is selected.

Windows with additional support added for CUSTOM library calls are:

Combined Person and Assignment (PERWSHRG)
Define Position (PERWSDPO)
Person (PERWSEPI)
Enter Assignment (PERWSEMA)
Terminate Employee (PERWSTEM)
Salary Administration (PERWSEPY)
Special Information (PERWSPDC)
Define Location (PERWSLOC)
Define Organization (PERWSDOR)
Define Job (PERWSDJT)
Absence Information (PERWSEAD)
Element Entry (PAYWSMEE)
Enrollment Agreement (OTATAEDB)
Customers for Restricted Event (OTARSEEA)
Scheduled Event (OTARSEES)
Programs (OTARSEEP)
Event Search (OTATASAV)
Resource (OTARSDSR)
Book Resources (OTARSERB)
Finance Headers (OTATAEFI)

Create Task Flows Using Oracle Workflow

You can now model your task flows using Oracle Workflow (version 2.0.3.8.1 or later). This method of creating task flows has the advantage of using a diagrammer to help you design the sequence of windows.

HRMS Modules – Core Product

New Windows

Define Function (FFXWSDF)

Added to register new FastFormula functions directly. User defined functions, such as calculating the proration for mid-month salary increases, enable implementers to meet specific business requirements for each enterprise.

Combined People and Assignments (PERWSHRG)

Added to enable the Assignment window to open more quickly from the People window.

Appraisal Template (PERWSAPT)

Added to enable you to create or modify your enterprise's appraisals for use on the web by:

- providing instructions to appraisers about completing the appraisal, for example, what the reviewers should do
- identifying which questionnaire (and questions) belong to which appraisal
- identifying which performance rating scale to use

Assessment Template (PERWSAST)

Added to enable you to create assessments for all the different assessments your enterprise performs. Examples include:

- 360 Degree (where a manager, direct or indirect reports, peers and customers provide feedback on aspects of a person's performance)
- self-assessment (by employee or applicant)
- peer or team assessment

- job skills assessments (for example, Engineer Grade 1, Junior Typist, and so on)

Competence Requirements (PERWSCEL)

Added to enable you to define competence requirements for your enterprise.

Competencies (PERWSCP)

This window has been added to enable you to:

- create your enterprise's competencies
- group related competencies
- create a competence profile

Work Choices (PERWSDPF)

Added to enable you to enter work choices that affect an employee's, applicant's, contractor's, or ex-employee's capacity to be deployed within your enterprise (or a customer's). You can enter work choices for a job or position, or for a person.

Qualification Types (PERWSEQT)

Added to enable you to create the qualifications that your enterprise holds.

School/College Attendance (PERWSESA)

Added to enable you to identify where the qualification was obtained.

School/College (PERWSEST)

Added to enable you to manually create the establishments your enterprise recognises as bestowing qualifications.

Qualifications (PERWSQUA)

Added to enable you to create the qualifications your enterprise recognises.

Rating Scales (PERWSRSC)

Added to enable you to describe your enterprise's competencies in a general way. With a general method, you do not hold the proficiency level at the competence level. Instead, you use a rating scale and text to describe the competence in a general way.

Advance Pay (PAYWSAHP)

Added to enable you to pay employees in advance for holidays or other events.

Batch Header (PAYWSQEE)

You can now create batch lines for whole assignment sets using the Create Batch Lines window. This speeds up the process of making batch element entries for MIX processing.

Changed Windows

Phones

The Work Telephone field is no longer stored on the Person table, or maintained through the Person window. It is now maintained in the new Phones table, and through the task flowed Phones window.

Organization, Job, Position, Grade, Location and City

LOVs on Organization, Job, Position, Grade, Location and City now use long lists to give better performance for users with large databases.

FastPath Windows

The following windows now have FastPath access from the main menu:

- Address (PERWSADR)
- Picture (PERWSIMG)
- Special Information (PERWSPDC)
- Contact Information (PERWSDPC)
- Event for Person (PERWSBEP)
- Phone Numbers (PERWSPHN)
- Absence Information (PERWSEAD)
- Application (PERWSAPA)
- End Application (PERWSTAP)
- Assignment (PERWSEMA)
- Assignment Costing (PERWSEAC)
- Assignment Budget Values (PERWSABV)
- Grade Step Placement (PERWSSPP)
- Secondary Status (PERWSSAS)
- Pay Method (PAYWSEPM)
- End Employment (PERWSTEM)
- Employee Review (PERWSERW)

- Salary Review (PERWSEPY)
- Salary History (PERWSSLH)
- Element Entry (PAYWSMEE)
- Accruals (PAYACVEA)
- Adjust Balances (PAYWSABL)
- QuickPay (PAYWSRQP)
- Reverse Payroll Run (PAYWSRPR)
- External/Manual Payments (PAYWSMEP)

Changed Windows

Mass Update of Applicants

This window now clears the information from the fields once you accept or cancel the update, saving you from having to remove the information before performing another update. You can also look at ten rows of information instead of five.

New Reports

Advance Pay Listing (PAYRPAPL)

Lists the employees processed by the new Advanced Pay functionality.

New Processes

Mix Rollback (UNDO_MIX)

Rolls back newly inserted element entries. It cannot be used to rollback element entries that have been updated.

RetroPay by Run (PYRETA)

This additional RetroPay process is available only if you make a specific request to have it enabled. If you enable RetroPay by Run in addition to the existing RetroPay process, the existing RetroPay process is renamed to RetroPay by Aggregate.

Advance Pay (PYADVPAV)

Pays employees in advance for holidays or other events.

Advance Pay Batch Setup (PYUADV)

Pays many employees in advance for holidays or other events.

Create Batch Lines (PYCBTC)

Pays individual employees in advance for holidays or other events.

HRMS New Features – U.K. Legislation

This section lists the enhancements that have been made to the U.K. legislative version of Oracle HR and Payroll between 10SC Production 16.1 and Release 11.

End of Year Reporting

The Gross to Net Summary report has been rewritten, and there are now several new reports to assist with your reconciliation and balancing. Although the reports are primarily to support year-end processing, you'll also find them useful each pay period, each month and each quarter. You can, of course, run them at other times, as needed.

The Gross to Net Summary report has been rewritten to create two new reports: Gross to Net Summary and Payments Summary.

The Gross to Net report now has new balances and balance initialization:

- Pay values for elements of the type Direct Payment are totalled and held in Total Direct Payments
- Pay values for elements of the type Employer Charges are totalled and held in Total Employer Charges

The new reports include:

- Employee Run Results report
This displays the payroll run results for a named person. Run it to help you reconcile conversion, quarter-end, year-end or pay period out-of-balance issues.
- Element Run Results Summary report
This displays all assignments for a given payroll. Provides a summary version of the Element Run Results report.
- Advance Pay Listing report

Information Elements

You can define an information element that feeds:

- the Taxable Pay balance without feeding gross pay, net pay or total pay. An example use is for fixed profit car schemes.

- the NI Pay balance without feeding gross pay, net pay or total pay.

PAYE Formula

Modified to implement WEEK1/MONTH1 to calculate advance for Arrears Payroll

HRMS Modules – U.K. Legislation

Changed Windows

FastPath

You can now call directly from the menu certain windows that are normally available only in task flows.

The following U.K.-only windows are available from the main menu:

- UK Statement of Earnings (PAYGBSOE)
- UK Tax Statement (PAYGBTAX)
- UK P45 (PAYWSR45)

For a full list of windows, see: Changed Windows, FastPath Access: page 14 – 11.

New Reports

Payments Summary (PAYGBPAY)

Lists all the payment methods for a given payroll, the number of assignments paid on each method, together with the total amount paid. These figures are totalled to give the full amount paid for the payroll.

Employee Run Results (PAYGBERR)

Displays the payroll run results for a named person. Run it to help reconcile conversion, quarter-end, year-end or pay period out-of-balance issues.

Element Run Results Summary (PYGBERRS)

Displays all assignments for a given payroll. This provides a summary version of the Element Run Results report.

Changed Reports

Gross to Net

This report has been rewritten to create two new reports: the Gross to Net Summary report and the Payments Summary report.

The Gross to Net report has new balances and balance initialization:

- Pay values for elements of the type Direct Payment are totalled and held in Total Direct Payments
- Pay values for elements of the type Employer Charges are totalled and held in Total Employer Charges

Changed Processes

PAYE Formula

Modified to implement WEEK1/MONTH1 when calculating advance for an Arrears Payroll

HRMS New Features – U.S. Legislation

This section lists the enhancements that have been made to the U.S. legislative version of Oracle HR and Payroll between 10SC Production 16.1 and Release 11.

Workers Compensation Enhanced

Workers Compensation has been enhanced to provide new rates and multiple calculation methods for a single carrier in a single state.

New Rates – There are five new rates, elements and balances instead of two. All five rates are processed using the previous method.

The three new rates are:

- One employee rate
- Two employer rates

Oracle Payroll now supports separate rates, balances and elements for states where the employer and employee have multiple Workers Compensation deductions and liabilities. No surcharges, premium discounts or experience modifications are made to the new balances.

The calculation for each of the new components still uses the same calculation method.

Multiple Calculation Methods – This enables you to perform different calculation methods for each component. For example, if you set calculation method 1 to Percent of Earnings and set calculation method 2 to Hourly Rate, then Oracle Payroll calculates Employer amount 1 and

Employer amount 1 using the Percent of Earnings method and calculates Employer amount 2 and Employer amount 2 based on Hourly Rate.

The calculation methods default as follows:

- Component 1: Use calculation method 1. If none is specified, default to percent of subject earnings
- Component 2: Use calculation method 2. If none is specified, default to percent of subject earnings
- Component 3: Use calculation method 3. If none is specified, default to percent of subject earnings

Employee portion 1 must use the same method as employee portion 1, and employee portion 2 must use the same method as employee portion 2.

You can also selectively include overtime hours on a state by state basis if one of the calculation methods is hourly rate.

Tax Groups

Enterprises with multiple GREs can place certain GREs together in *Tax Groups*. Using tax groups enables employers to give employees moving within GREs credit towards their Social Security, and Federal Unemployment Tax Act (FUTA) taxes.

Tax and Assignment Information

Tax and assignment information is now datetracked.

State Quarterly Wage Listing (SQWL)

The State Quarterly Wage Listing process now produces an additional report, called the SQWL Detail Report. This provides you with a paper copy of all employees that have been written to the magnetic tape.

The report is sorted by State SUI Account Number, and provides employer totals for:

- Number of employees, by month
- Wages in excess of limit for Quarter
- Taxable Wages for Quarter
- Tax Due
- State Income Tax Wages for Quarter

- State Income Tax Withheld for Quarter

This report is produced automatically when you submit the State Quarterly Wage Listing process, in the Submit a New Request window.

Wage Attachment Windows

There is a new Wage Attachment Earning Rules window to enable you to date effectively create and maintain custom rules concerning the calculation of income in any state for the purposes of wage attachments.

There are also two new view-only wage attachment windows:

- Exemption Rules Administration

This window enables you to view legislative data for informational purposes only. This window displays all legislative rules supported by Oracle Payroll concerning wage attachment disposable income exemption calculations.

- Limit Rules Administration

This window enables you to view the currently identified limit rules: minimum and maximum withholding amounts per period and maximum withholding duration. These rules can be affected by different state and wage attachment categories.

COBRA Upgrade

COBRA functionality has been upgraded to be more compliant with US legislation. COBRA functionality now provides more supported qualifying events, and greater coverage for existing qualifying events.

Changes to COBRA include:

- Multiple dependents are now covered. Dependents can be a child born, adopted, or fostered during an employee's COBRA coverage. This enables an employee to declare a new born child or fostered child as a dependent and thus be part of the coverage plan. This includes dependent children of a legal spouse.
- The minimum number of grace days has increased to 30 from the time of the qualifying event.
- Military service is now a qualifying event for COBRA coverage.
- Employer bankruptcy is now a qualifying event for COBRA coverage
- Disabled employees are allowed and additional 11 months of COBRA coverage.

Multiple Worksite Reporting

Employers with multiple worksites must file quarterly employment and wage reports. This information is used by the Bureau of Labor Statistics (BLS) to provide analyses of U.S. employment. This Multiple Worksite Report (MWS) is submitted on magnetic media.

VERTEX Geocode Upgrade

The VERTEX Geocodes used to calculate taxes have been expanded to include new states, counties, cities and zip codes.

New Cities and Ranges of Zip Codes

You are now able to enter new ranges of zip codes for new cities and existing cities, as well as entering new cities using the Cities window. You can now:

- Enter a range of zip codes

Whereas previously, the window only allowed a single zip code to be entered, it is now possible to enter a range of zip codes.

- Add new zip codes to existing or user-defined cities
- Enter new cities

The validation carried out for new cities has been relaxed. For example, if you think a city exists in county B, you can enter that city in county B even if the city is already stored as county A on the database.

- Delete user-entered zip codes for user-entered cities

End of Year Reporting

Several new reports assist with your reconciliation and balancing. Although the reports are primarily to support year-end processing, you'll also find them useful each pay period, each month and each quarter. You can, of course, run them at other times, as needed.

The new reports are:

- Taxable Balance Verification
- Invalid Address Information
- GRE Totals
- Negative Balances

The State W-2 Magnetic and State Quarterly Wage Listing Magnetic reports have enhanced to provide additional storage formats and media.

Tax Reporting Capabilities (1099R Reporting)

Tax reporting capabilities have been enhanced by providing you with further tools for 1099R reporting:

- 940 Worksheet

To enable you to determine your FUTA taxable wages for the calendar year and the FUTA tax liability on those wages after accounting for applicable state unemployment tax credits and FUTA tax deposits made during the year.

If you are covered by FUTA, you must report your liability annually on Form 940 – Employer’s Annual Federation Unemployment (FUTA) Tax Return.

- 941 Worksheet

To enable you to correctly complete your quarterly Report of Income and Employment (FICA) taxes each quarter. You must complete this report if you withhold federal income tax from employee compensation and are subject to withholding and payment of Social Security and/or Medicare taxes.

- Multiple Worksite magnetic

To provide a magnetic report of employee counts by month and wages by quarter

- 1099R

To provide a magnetic report for pensions payments (only from qualified pension trusts) in a federal or state format

- 1099R

To provide a paper record to give to the pensioner

1099R reporting is available for both magnetic reporting and paper reporting from the Submit a New Request Window.

Vertex Authorization

The Vertex form has been improved.

New Windows

Wage Attachment Earnings Rules (PAYUSDIA)

Added to enable you to date effectively create and maintain custom rules concerning the calculation of income in any state for the purposes of wage attachments. You can define which supplemental earnings should be included as part of disposable income for support or other wage attachments.

Wage Attachment Exemption Rules (PAYUSGER)

Added to enable you to view legislative data for informational purposes only. This window displays all legislative rules supported by Oracle Payroll concerning wage attachment disposable income exemption calculations.

Wage Attachment Limit Rules (PAYUSGLR)

Added to enable you to view the currently identified limit rules: minimum and maximum withholding amounts per period and maximum withholding duration. These rules can be affected by different state and wage attachment categories.

Changed Windows

WC Codes and Rates (PAYWCDCR)

Workers Compensation has been enhanced to support five new rates, elements and balances instead of two. This window now enables you to enter three new rates:

- One employee rate
- Two employer rates

Workers Compensation (PYWCDJC2)

You are now able to perform different calculation methods for each component. You can also selectively include overtime hours on a state by state basis if one of the calculation methods is hourly rate.

FastPath

You can now call directly from the menu certain windows that are normally available only in task flows.

The following US-only windows are available from the main menu:

- US Address (PERUSADR)

- Taxes (PAYVWTAX)
- Employee Balance (PAYVWELE)
- US Tax (PAYEETAX)
- US Statement of Earnings (PAYUSSOE)
- Benefits (PERWSVBI)

For a full list of windows, see: Changed Windows, FastPath Access: page 14 – 11.

Cities (PAYUSCTY)

You are now able enter new ranges of zip codes for new cities and existing cities, as well as entering new cities.

COBRA Covered Dependents

The information about children born, adopted or fostered during an employee's COBRA coverage is now available through a List of Values, instead of being entered in a Flexfield.

Obsolete Windows

Employers Quarterly Federal Tax Information (PAYUS941)

This window has been replaced by the 941 Worksheet (PAYRP941)

New Reports

End of Year Reports

There are now several new reports to assist with your reconciliation and balancing. Although the reports are primarily to support year-end processing, you'll also find them useful each pay period, each month and each quarter. You can, of course, run them at other times, as needed.

The new reports are:

- Taxable Balance Verification
This report identifies incorrect withheld amounts for Social Security, Medicare, FUTA, SUI and SDI taxes.
- Invalid Address Information
This report lists people with invalid primary addresses.
- GRE Totals
This report helps you to balance W-2s. It displays totals for selected, or all, GREs.

- Negative Balances

This report lists negative year-to-date and/or quarter-to-date balances.

SQWL Detail

The State Quarterly Wage Listing report provides you with a paper copy of all employees that have been written to the magnetic tape during State Quarterly Wage Listing.

This report is produced automatically when you submit the State Quarterly Wage Listing process, in the Submit a New Request window.

Tax Reporting Capabilities (1099R Reporting)

Tax reporting capabilities have been enhanced by providing you with further tools for 1099R reporting:

- 940 Worksheet

This worksheet enables you to complete your annual Form 940 Unemployment Insurance report

- 941 Worksheet

This worksheet enables you to complete your quarterly Report of Income and Employment (FICA) taxes each quarter

- Multiple Worksite magnetic

This report provides a magnetic report of employee counts by month and wages by quarter

- 1099R (Magnetic)

This magnetic report provides pensions payments information (only from qualified pension trusts) in a federal or state format

- 1099R (Paper)

This report provides a paper record for the pensioner

1099R reporting is available for both magnetic reporting and paper reporting from the Submit a New Request Window.

Changed Reports

End of Year Reports

The State W-2 Magnetic and State Quarterly Wage Listing Magnetic reports have enhanced to provide additional storage formats and media.

New Processes

PYUS_WC_USAGES_PKG

Added for Workers Compensation to default all job codes to a single WC job code for a State with a single WC rate.

HRMS New Features – Japanese Legislation

This section lists the enhancements that have been made to the Japanese legislative version of Oracle HR and Payroll between 10SC Production 16.1 and Release 11.

HRMS Modules – Japanese Legislation

New Processes

Payroll Run

The Payroll run process enables you to process:

- employees Standard Monthly Compensation (JP_SANTEI)
- employees regular salary (JP_SALARY)
- payment for terminated employees (JP_TERM)
- employees special bonus payments (JP_SP_BONUS)
- employees year end adjustments (JP_YE_ADJ)
- employees Standard Monthly Compensation (JP_GEPPEN)
- creates the local tax payments by magnetic tape (JP_LTAX)
- creates employees cash payments (JP_CASH)
- employees regular bonus payments (JP_BONUS)
- creates the regular payments by magnetic tape (JP_MAGTAPE_GENERIC)

HRMS Database Objects

The following database objects have been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle HRMS.

New Tables

Created to support API user hooks:

- HR_API_HOOKS
- HR_API_HOOK_CALLS
- HR_API_MODULES
- HR_API_USER_HOOK_REPORTS

A denormalized table created to support tax balance reporting:

- PAY_US_ASG_REPORTING

Created to support Government Human Resources verticalization:

- GHR_CPDF_TEMP
- GHR_DUAL_ACTIONS
- GHR_DUTY_STATIONS
- GHR_FAMILIES
- GHR_GROUPBOXES
- GHR_GROUPBOX_USERS
- GHR_INTERFACE
- GHR_LOCALITY_PAY_AREAS
- GHR_NATURE_OF_ACTIONS
- GHR_NOAC_LAS
- GHR_NOAC_REMARKS
- GHR_NOA_FAMILIES
- GHR_NOA_FAM_PROC_METHODS
- GHR_PAYROLL
- GHR_PAY_PLANS
- GHR_PAY_PLAN_WAITING_PERIODS
- GHR_PA_DATA_FIELDS

- GHR_PA_HISTORY
- GHR_PA_REMARKS GHR_PA_REQUESTS
- GHR_PA_REQUEST_EXTRA_INFO
- GHR_PA_REQUEST_INFO_TYPES
- GHR_PA_ROUTING_HISTORY
- GHR_PD_CLASSIFICATIONS
- GHR_PD_ROUTING_HISTORY
- GHR_POSITION_DESCRIPTIONS
- GHR_PREMIUM_PAY_INDICATORS
- GHR_PROCESS_LOG
- GHR_REMARKS
- GHR_RESTRICTED_PROC_METHODS
- GHR_ROUTING_GROUPS
- GHR_ROUTING_LISTS
- GHR_ROUTING_LIST_MEMBERS

Created to support security changes:

- HR_ALL_ORGANIZATION_UNITS
- PAY_ALL_PAYROLLS_F
- PER_ALL_ASSIGNMENTS_F
- PER_ALL_PEOPLE_F
- PER_ALL_POSITIONS
- PER_ALL_VACANCIES

Created to support web transaction tables:

- HR_API_TRANSACTIONS
- HR_API_TRANSACTION_STEPS
- HR_API_TRANSACTION_VALUES

Created to support multiple DDFs (that appear in the extra information):

- HR_LOCATION_EXTRA_INFO
- HR_LOCATION_INFO_TYPES
- PER_JOB_EXTRA_INFO

- PER_JOB_INFO_TYPES
- PER_PEOPLE_EXTRA_INFO
- PER_PEOPLE_INFO_TYPES
- PER_POSITION_EXTRA_INFO
- PER_POSITION_INFO_TYPES

Created to support the Career Management Person list:

- HR_WORKING_PERSON_LISTS

Created to support Tax startup data:

- HR_S_CITY_TAX_INFO
- HR_S_COUNTY_TAX_INFO
- HR_S_FEDERAL_TAX_INFO_F
- HR_S_STATE_TAX_INFO_F

Created to support Geocode startup data:

- HR_S_US_CITY_NAMES
- HR_S_US_ZIP_CODES

Created to support Geocode upgrade:

- PAY_US_MODIFIED_GEOCODES

Created to support Oracle Time Management functionality:

- HXT_TIM_SUMMARY

Created to support new Tax jurisdiction tables:

- PAY_US_CITY_TAX_INFO
- PAY_US_COUNTY_TAX_INFO
- PAY_US_FEDERAL_TAX_INFO_F
- PAY_US_STATE_TAX_INFO_F

Created to support DateTrack W4 functionality for US Tax:

- PAY_US_EMP_CITY_TAX_RULES
- PAY_US_EMP_CITY_TAX_RULES_F
- PAY_US_EMP_COUNTY_TAX_RULES
- PAY_US_EMP_COUNTY_TAX_RULES_F
- PAY_US_EMP_FED_TAX_RULES

- PAY_US_EMP_FED_TAX_RULES_F
- PAY_US_EMP_STATE_TAX_RULES
- PAY_US_EMP_STATE_TAX_RULES_F

Created to support Career Management functionality:

- PER_APPRAISALS
- PER_APPRAISAL_TEMPLATES
- PER_ASSESSMENTS
- PER_ASSESSMENT_GROUPS
- PER_ASSESSMENT_TYPES
- PER_COMPETENCES
- PER_COMPETENCE_ELEMENTS
- PER_DEPLOYMENT_FACTORS
- PER_ESTABLISHMENTS
- PER_ESTABLISHMENT_ATTENDANCES
- PER_OBJECTIVES
- PER_PARTICIPANTS
- PER_PERFORMANCE_RATINGS
- PER_QUALIFICATIONS
- PER_QUALIFICATION_TYPES
- PER_RATING_LEVELS
- PER_RATING_SCALES
- PER_SUBJECTS_TAKEN
- PER_SUCCESSION_PLANNING

Created to support Questions and Answers functionality:

- PER_ASSIGN_PROPOSAL_ANSWERS
- PER_PROPOSAL_CATEGORY_MEMBERS
- PER_PROPOSAL_CATEGORY_TYPES
- PER_PROPOSAL_OFFER_PARAGRAPHS
- PER_PROPOSAL_QUESTIONS_ADV
- PER_PROPOSAL_QUESTION_MEMBERS

- PER_PROPOSAL_QUESTION_TYPES
- PER_PROPOSAL_TEMPLATES

Created to support new Benefits functionality:

- PER_COBRA_COVERAGE_PERIODS
- PER_COBRA_DEPENDENTS_F

Created to enable people to restrict who can see extra information types:

- PER_INFO_TYPE_SECURITY

Created to support Japanese localization:

- PER_JP_ADDRESS_LOOKUPS
- PER_JP_BANK_LOOKUPS
- PER_JP_SCHOOL_LOOKUPS

Created to support Oracle Advanced Benefits (not currently supported):

- PER_PERSON_DLVRY_METHODS
- PER_PERSON_TYPE_USAGES_F

Created to support address validation functionality:

- PER_US_INVALID_ADDRESSES
- PER_US_INVALID_LOCATIONS

Changed Tables

The following columns were added to support the Define Formula window.

FF_FORMULAS_F	
New Columns	COMPILE_FLAG
	DESCRIPTION

The following columns were added to support Oracle Financials localization and EDI.

HR_LOCATIONS	
New Columns	ECE_TP_LOCATION_CODE
	GLOBAL_ATTRIBUTE1

HR_LOCATIONS	
	GLOBAL_ATTRIBUTE10
	GLOBAL_ATTRIBUTE11
	GLOBAL_ATTRIBUTE12
	GLOBAL_ATTRIBUTE13
	GLOBAL_ATTRIBUTE14
	GLOBAL_ATTRIBUTE15
	GLOBAL_ATTRIBUTE16
	GLOBAL_ATTRIBUTE17
	GLOBAL_ATTRIBUTE18
	GLOBAL_ATTRIBUTE19
	GLOBAL_ATTRIBUTE2
	GLOBAL_ATTRIBUTE20
	GLOBAL_ATTRIBUTE3
	GLOBAL_ATTRIBUTE4
	GLOBAL_ATTRIBUTE5
	GLOBAL_ATTRIBUTE6
	GLOBAL_ATTRIBUTE7
	GLOBAL_ATTRIBUTE8
	GLOBAL_ATTRIBUTE9
	GLOBAL_ATTRIBUTE_CATEGORY
	TP_HEADER_ID

The following columns were added to improve resilience of latest Payroll run balances.

PAY_ASSIGNMENT_LATEST_BALANCES	
New Columns	PREV_ASSIGNMENT_ACTION_ID
	PREV_BALANCE_VALUE

PAY_PERSON_LATEST_BALANCES	
New Columns	PREV_ASSIGNMENT_ACTION_ID
	PREV_BALANCE_VALUE

The following columns were added to the following tables to support APIs.

PAY_BALANCE_CLASSIFICATIONS	
New Column	OBJECT_VERSION_NUMBER

PAY_BALANCE_FEEDS_F	
New Column	OBJECT_VERSION_NUMBER

PAY_BALANCE_TYPES	
New Column	OBJECT_VERSION_NUMBER

PAY_DEFINED_BALANCES	
New Column	OBJECT_VERSION_NUMBER

PAY_ELEMENT_CLASSIFICATIONS	
New Column	OBJECT_VERSION_NUMBER

PAY_ELEMENT_LINKS_F	
New Column	OBJECT_VERSION_NUMBER

PAY_ELEMENT_TYPES_F	
New Column	OBJECT_VERSION_NUMBER

PAY_FORMULA_RESULTS_F	
New Column	OBJECT_VERSION_NUMBER

PAY_INPUT_VALUES_F	
New Column	OBJECT_VERSION_NUMBER
PAY_STATUS_PROCESSING_RULES_F	
New Column	OBJECT_VERSION_NUMBER

The following columns were added to support RetroPay by Action.

PAY_BACKPAY_SETS	
New Column	BACKPAY_SET_TYPE
PAY_ELEMENT_ENTRIES_F	
New Column	SOURCE_ID
	BALANCE_ADJ_COST_FLAG

The following columns were added to support statutory changes to year end reports.

PAY_GB_YEAR_END_ASSIGNMENTS	
New Columns	ADDRESS_LINE1
	ADDRESS_LINE2
	ADDRESS_LINE3
	TOWN_OR_CITY
	COUNTY
	POSTAL_CODE
	START_OF_EMP
PAY_GB_YEAR_END_PAYROLLS	
Obsolete Column	EMPLOYERS_CODE

PAY_GB_YEAR_END_VALUES	
New Column	SCON

The following columns were added to support enhanced workers compensation for U.S. Payroll.

PAY_STATE_RULES	
New Column	WC_OVERTIME_HOURS

PAY_WC_FUNDS	
New Columns	CALCULATION_METHOD2
	CALCULATION_METHOD3

PAY_WC_RATES	
New Columns	RATE2
	RATE3
	RATE_EE2

PAY_WC_FUNDS_V	
New Columns	CALCULATION_METHOD
	CALCULATION_METHOD2
	CALCULATION_METHOD3

The following columns were added to support Oracle Advanced Benefits functionality.

PER_ALL_ASSIGNMENTS_F	
New Columns	BARGAINING_UNIT_CODE
	LABOUR_UNION_MEMBER_FLAG
	HOURLY_SALARIED_CODE (not yet supported)

PER_ALL_PEOPLE_F	
New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID

PER_PERIODS_OF_SERVICE	
New Column	ADJUSTED_SVC_DATE

The following column was added to support Advance Pay functionality.

PAY_ALL_PAYROLLS_F	
New Column	ARREARS_FLAG

New Views

Created to support the Define Function form:

- FF_FUNCTIONS_V
- FF_FUNCTION_CONTEXT_USAGES_V
- FF_FUNCTION_PARAMETERS_V

Created to support the Web List of Values:

- HR_ADMIN_LOV_V
- HR_JOBS_LOV_V
- HR_LOCATIONS_LOV_V
- HR_ORGANIZATION_LOV_V
- HR_ORGANIZATION_UNITS
- HR_TERRITORIES_V
- HR_US_CITIES_LOV_V
- HR_US_CITY_BASE_V

- HR_WORKING_PERSON_LISTS_V
- PER_JOB_POS_GRADES_LOV_V
- PER_PEOPLE_F
- PER_POSITIONS
- PER_POSITIONS_LOV_V

Created to support regression tests:

- HR_CAL_PEOPLE_KEYS_V

Created to support Ceridian:

- HR_CERIDIAN_BENEFIT_V
- HR_CERIDIAN_DEDUCTION_V
- HR_CERIDIAN_EFT_V
- HR_CERIDIAN_EMPLOYEE_V
- HR_CERIDIAN_SECONDARY_STATE_V
- HR_CERIDIAN_SPOUSE_V

Created to provide reporting views:

- HRV_ABSENCE_ATTENDANCES
- HRV_ACCOMPLISHMENTS
- HRV_ACCRUAL_PLANS
- HRV_ACCRUAL_VALUES
- HRV_AC_PAYMENT_METHODS
- HRV_ADDRESSES
- HRV_ADDRESSES_GB
- HRV_APP_ASSIGNMENTS
- HRV_ASSIGNMENTS
- HRV_ASSIGNMENT_BUDGETS
- HRV_ASSIGNMENT_COSTS
- HRV_ASS_GRADE_PLACEMENT
- HRV_ASS_GRADE_SCALE
- HRV_COMP_REQUIREMENTS
- HRV_CONTACT_RELATIONSHIPS

- HRV_CREATE_JP_APPL_EDUC_ADD
- HRV_CREATE_JP_EMP_EDUC_ADD
- HRV_CURRENT_APPLICATIONS
- HRV_CURRENT_ORG_VACANCIES
- HRV_CURRENT_VACANCIES
- HRV_DEPLOYMENT_HISTORY
- HRV_EMPLOYEE_DETAILS
- HRV_EMPLOYEE_DETAILS_GB
- HRV_EMPLOYEE_MOVEMENTS
- HRV_EMPLOYEE_ORGANIZATION
- HRV_EMP_ABSENCES
- HRV_EMP_ASSIGNMENT_HISTORY
- HRV_EMP_TRAINING_HISTORY
- HRV_EXPANDED_ANALYSES
- HRV_EXPANDED_POSITIONS
- HRV_GRADES
- HRV_GRADE_HISTORY
- HRV_GRADE_STEP_HISTORY
- HRV_GRD_DEFINITIONS
- HRV_HIRES
- HRV_JOBS
- HRV_JOB_DEFINITIONS
- HRV_JOB_SI_DETAILS
- HRV_JOB_SI_HEADER
- HRV_LOCATION_ADDRESSES
- HRV_LOCATION_ADDRESSES_GB
- HRV_MANAGERS
- HRV_MOVEMENTS_SUMMARY
- HRV_ORGANIZATION_UNITS
- HRV_ORG_DESCENDENTS

- HRV_ORG_HEIRARCHY
- HRV_ORG_STRUCTURE
- HRV_OTHER_PAYMENT_METHODS
- HRV_PAYSCALE_GRADES
- HRV_PERSONAL_DETAILS
- HRV_PGR_DEFINITIONS
- HRV_PHONES
- HRV_POSITIONS
- HRV_POS_DEFINITIONS
- HRV_POS_STRUCTURE_ELEMENTS
- HRV_PROGRESSION_HISTORY
- HRV_PROGRESSION_PT_VAL
- HRV_PROPOSAL_COMPONENTS
- HRV_REQUISITION_SUMMARY
- HRV_RESTRICTED_PHONES
- HRV_SALARY_HISTORY
- HRV_SALARY_PROPOSALS
- HRV_SERVICE_HISTORY
- HRV_SI_DETAILS
- HRV_SI_HEADER
- HRV_SUBJECTS_TAKEN
- HRV_SUPERVISORS
- HRV_TERMINATIONS
- HRV_TRANSFERS_IN
- HRV_TRANSFERS_OUT
- HRV_VACANCIES
- HRV_VACANCY_APPLICANTS
- HRV_VALID_GRADES

Created to support Japanese localization:

- HRV_JP_CREATE_EDUC_ADD

- PER_JP_SPECIAL_INFORMATION
- PER_JP_BANK_LOOKUP_V

Created to support the new interface with Oracle Time Management:

- HXT_BATCH_SUM_AMOUNTS_HOURS_V
- HXT_BATCH_SUM_AMOUNTS_V
- HXT_BATCH_SUM_HOURS_V
- HXT_DAILY_HOURS_WORKED_V
- HXT_HR_ORG_INFO_DDF_V
- HXT_PAY_ELEMENT_TYPES_F_DDF_V
- HXT_PER_AEI_DDF_V
- HXT_SHIFTS_D
- HXT_WEEKLY_HOURS_WORKED_V

Created to support Advance Pay:

- PAY_INDICATOR_ENTRIES_V

Created to support security changes:

- PAY_ALL_PAYROLLS
- PAY_ALL_PAYROLLS_D
- PER_ALL_ASSIGNMENTS
- PER_ALL_ORGANIZATION_UNITS
- PER_ALL_PEOPLE
- PER_ALL_ASSIGNMENTS_D
- PER_ALL_PEOPLE_D
- PER_ASSIGNMENTS_F
- PER_VACANCIES

Created to support DateTrack W4 functionality for US Tax:

- PAY_US_EMP_CITY_TAX_RULES_V
- PAY_US_EMP_CITY_TAX_RULES_X
- PAY_US_EMP_COUNTY_TAX_RULES_V
- PAY_US_EMP_COUNTY_TAX_RULES_X
- PAY_US_EMP_FED_TAX_RULES_V

- PAY_US_EMP_FED_TAX_RULES_X
- PAY_US_EMP_STATE_TAX_RULES_V
- PAY_US_EMP_STATE_TAX_RULES_X
- PAY_US_EMP_TIME_IN_CITY_V
- PAY_US_EMP_TIME_IN_COUNTY_V
- PAY_US_EMP_TIME_IN_STATE_V
- PAY_US_EMP_TIME_IN_CITY_V

Created to support Career Management functionality:

- PER_APPRAISAL_TEMPLATES_V
- PER_ASSESSMENT_TYPES_V
- PER_COMPETENCES_V
- PER_COMPETENCE_ELEMENTS_V
- PER_COMPETENCE_ELEMENTS_V2
- PER_COMPETENCE_ELEMENTS_V3
- PER_COMPETENCE_LEVELS_V
- PER_DEPLOYMENT_FACTORS_V
- PER_ESTABLISHMENTS_BASE_V
- PER_ESTABLISHMENTS_V
- PER_ESTABLISHMENT_ATTEND_V
- PER_QUALIFICATIONS_V
- PER_QUALIFICATIONS_V2
- PER_QUALIFICATION_TYPES_V
- PER_RATING_LEVELS_V
- PER_RATING_SCALES_V
- PER_SUBJECTS_TAKEN_V
- PER_SUCCESSION_PLANNING_LOV
- PER_SUCCESSION_PLANNING_V

Created to support multiple DDF views:

- PER_INFO_TYPES_V
- PER_INFO_TYPE_SECURITY_AIT_V

- PER_INFO_TYPE_SECURITY_JIT_V
- PER_INFO_TYPE_SECURITY_LIT_V
- PER_INFO_TYPE_SECURITY_PIT_V
- PER_INFO_TYPE_SECURITY_POT_V

Created to support Question and Answer functionality:

- PER_PROPOSAL_CATEGORY_TYPES_V
- PER_PROPOSAL_OFFER_PARAGRAPH_V
- PER_PROPOSAL_QUESTIONS_ADV_V
- PER_PROPOSAL_QUESTION_MEMBER_V
- PER_PROPOSAL_QUESTION_TYPES_V
- PER_PROPOSAL_TEMPLATES_V

Created to support multiple worksite reporting (statutory U.S. report):

- HR_WORKSITE_V

Changed Views

The following columns were added to support the Define Formula window.

FF_FORMULAS	
New Column	COMPILE_FLAG

FF_FORMULAS_X	
New Column	COMPILE_FLAG

The following columns were added to support Oracle Financials localization and EDI.

HR_LOCATIONS_V	
New Columns	GLOBAL_ATTRIBUTE1
	GLOBAL_ATTRIBUTE10
	GLOBAL_ATTRIBUTE11
	GLOBAL_ATTRIBUTE12

HR_LOCATIONS_V	
	GLOBAL_ATTRIBUTE13
	GLOBAL_ATTRIBUTE14
	GLOBAL_ATTRIBUTE15
	GLOBAL_ATTRIBUTE16
	GLOBAL_ATTRIBUTE17
	GLOBAL_ATTRIBUTE18
	GLOBAL_ATTRIBUTE19
	GLOBAL_ATTRIBUTE2
	GLOBAL_ATTRIBUTE20
	GLOBAL_ATTRIBUTE3
	GLOBAL_ATTRIBUTE4
	GLOBAL_ATTRIBUTE5
	GLOBAL_ATTRIBUTE6
	GLOBAL_ATTRIBUTE7
	GLOBAL_ATTRIBUTE8
	GLOBAL_ATTRIBUTE9
	GLOBAL_ATTRIBUTE_CATEGORY

The following column was added to support RetroPay by Action.

PAY_ELEMENT_ENTRIES	
New Column	BALANCE_ADJ_COST_FLAG

The following columns were added to make information available about person relationships.

PER_CONTACT_RELATIONSHIPS_V	
New Columns	PER_INFORMATION1
	PER_INFORMATION10
	PER_INFORMATION11

PER_CONTACT_RELATIONSHIPS_V

	PER_INFORMATION12
	PER_INFORMATION13
	PER_INFORMATION14
	PER_INFORMATION15
	PER_INFORMATION16
	PER_INFORMATION17
	PER_INFORMATION18
	PER_INFORMATION19
	PER_INFORMATION20
	PER_INFORMATION21
	PER_INFORMATION22
	PER_INFORMATION23
	PER_INFORMATION23
	PER_INFORMATION24
	PER_INFORMATION25
	PER_INFORMATION26
	PER_INFORMATION27
	PER_INFORMATION28
	PER_INFORMATION29
	PER_INFORMATION3
	PER_INFORMATION30
	PER_INFORMATION4
	PER_INFORMATION5
	PER_INFORMATION6
	PER_INFORMATION7
	PER_INFORMATION8
	PER_INFORMATION9
	PER_INFORMATION_CATEGORY

The following columns were added to improve performance.

PER_FULL_SALARY_HISTORY_V	
New Columns	ELEMENT_NAME
	ELEMENT_TYPE_ID
	INPUT_CURRENCY
	PAY_BASIS_MEANING

PER_PAY_PROPOSALS_V	
New Columns	ELEMENT_NAME
	INPUT_CURRENCY

The following columns were added to support Oracle Advanced Benefits functionality.

PAY_PAYROLLS_V	
New Column	ARREARS_FLAG

PER_ALL_PEOPLE	
New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID

PER_ASSIGNMENTS	
New Columns	BARGAINING_UNIT_CODE
	LABOUR_UNION_MEMBER_FLAG
	HOURLY_SALARIED_CODE (not yet supported)

PER_ASSIGNMENTS_F

New Columns	BARGAINING_UNIT_CODE
	LABOUR_UNION_MEMBER_FLAG
	HOURLY_SALARIED_CODE (not yet supported)

PER_ASSIGNMENTS_V

New Columns	BARGAINING_UNIT_CODE
	LABOUR_UNION_MEMBER_FLAG
	HOURLY_SALARIED_CODE (not yet supported)

PER_ASSIGNMENTS_X

New Columns	BARGAINING_UNIT_CODE
	LABOUR_UNION_MEMBER_FLAG
	HOURLY_SALARIED_CODE (not yet supported)

PER_PEOPLE

New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID

PER_PEOPLE_F

New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG

PER_PEOPLE_F	
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID
PER_PEOPLE_V	
New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID
PER_PEOPLE_X	
New Columns	COORD_BEN_MED_PLN_NO
	COORD_BEN_NO_CVG_FLAG
	DPDNT_ADOPTION_DATE
	DPDNT_VLNTRY_SVCE_FLAG
	RECEIPT_OF_DEATH_CERT_DATE
	USES_TOBACCO_FLAG
	BENEFIT_GROUP_ID
PER_PERIODS_OF_SERVICE_V	
New Column	ADJUSTED_SVC_DATE
HR_OPERATING_UNITS	
Dropped Column	ORACLE_ID

The following column was dropped because it was no longer required.

The following column was added to support the security changes.

PER_SECURITY_PROFILES_V	
Dropped Column	SECURE_ORACLE_USERNAME

The following columns were added to support 1099R functionality (U.S. Payroll) for multiple worksites.

HR_TAX_UNITS_V	
New Columns	MWS_TRANSMITTER
	MWS_TITLE
	MWS_TELEPHONE_NO
	MWS_TRADE_NAME
	MWS_TAPE_MEDIUM
	MWS_TAPE_DENSITY
	MWS_HEADER_LABEL
	MWS_STATE
	MWS_STATE_UI_ACCOUNT
	US_1099R_TRANSMITTER
	US_1099R_TRANSMITTER_CODE
	US_1099R_BUREAU_FLAG
	US_1099R_COMBINED_FILING_FLAG

Obsolete Tables and Views

The following tables have been renamed and replaced by views as a result of the Security Profile changes:

R10	R11
HR_ORGANIZATION_UNITS	HR_ALL_ORGANIZATION_UNITS
PAY_PAYROLLS_F	PAY_ALL_PAYROLLS_F
PER_ASSIGNMENTS_F	PER_ALL_ASSIGNMENTS_F
PER_PEOPLE_F	PER_ALL_PEOPLE_F

R10	R11
PER_POSITIONS	PER_ALL_POSITIONS
PER_VACANCIES	PER_ALL_VACANCIES

The following views have been renamed and replaced as a result of the Security Profile changes:

R10	R11
HR_ORGANIZATION_UNITS_SECV	HR_ORGANIZATION_UNITS
PAY_PAYROLLS_F_SECV	PAY_PAYROLLS_F
PER_ASSIGNMENTS_F_SECV	PER_ASSIGNMENTS_F
PER_PEOPLE_F_SECV	PER_PEOPLE_F
PER_POSITIONS_F_SECV	PER_POSITIONS
PER_VACANCIES_SECV	PER_VACANCIES
PER_PEOPLE_D	PER_ALL_PEOPLE_D
PER_ASSIGNMENTS_D	PER_ALL_ASSIGNMENTS_D
PAY_PAYROLLS_D	PAY_ALL_PAYROLLS_D

For upwards compatibility with Release 10, the following synonyms are available:

Synonym	View
HR_ORGANIZATION_UNITS_SECV	HR_ORGANIZATION_UNITS_SECV
PAY_PAYROLLS_F_SECV	PAY_PAYROLLS_F_SECV
PER_ASSIGNMENTS_F_SECV	PER_ASSIGNMENTS_F_SECV
PER_PEOPLE_F_SECV	PER_PEOPLE_F_SECV
PER_POSITIONS_F_SECV	PER_POSITIONS_SECV
PER_VACANCIES_SECV	PER_VACANCIES_SECV

If you have built custom code that references these renamed tables and views, your code will continue to work without loss of functionality following the upgrade to Release 11.

If you directly reference the `_SECV` synonyms you should plan to migrate your code to the new R11 table and view names as these synonyms will become obsolete in Release 12.

These views are obsolete as a result of the Security Profile changes:

- `PAY_PAYROLLS_F`
- `PAY_PAYROLLS_SECV`
- `PAY_PAYROLLS_X_SECV`
- `PER_ASSIGNMENTS_SECV`
- `PER_ASSIGNMENTS_X_SECV`
- `PER_ORGANIZATION_UNITS_SECV`
- `PER_ORG_UNITS_PERF_SECV`
- `PER_PEOPLE_SECV`
- `PER_PEOPLE_X_SECV`
- `PER_POSITIONS_SECV`

The following tables and views existed in Oracle Human Resources but they are no longer needed because they've been replaced by DateTrack W4 functionality.

- `PAY_EMP_FED_TAX_V1`
- `PAY_EMP_LOCAL_TAX_V1`
- `PAY_EMP_STATE_TAX_V1`
- `PAY_US_EMP_LOCAL_TAX_RULES_X`

The following tables and views existed in Oracle Human Resources but they are no longer needed because...

- `PAY_GENERIC_BAL_V`

The following tables and views existed in Oracle Human Resources but they are no longer needed because of reworked U.S. Pay.

- `PAY_US_EMP_LOCAL_TAX_RULES`
- `PAY_US_EMP_LOCAL_TAX_RULES_F`

The following tables and views existed in Oracle Human Resources but they are now redundant.

- `PAY_US_CITIES`
- `PAY_US_LOCALITIES`
- `PAYVIBAL`

- PER_TIME_PERIODS_V2

The following view has been renamed to HRU_SALARY_PROPOSALS for consistency of naming with other updatable views that can be customized.

- PER_SALARY_PROPOSALS_HRV

API Changes

API code has been renamed for Release 11. The file name format has changed from *bpi.pkh to *api.pkh. For example, the file name for the Create Employee API has changed from peempbpi.pkh to peempapi.pkh.

Refer to the *What's New* online HTML help to see the APIs current in Release 11.0.

HRMS Seed Data

The following seed data has been added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle HRMS.

New List of Values (QuickCodes)

- API_HOOK_CALL_STATUS
- API_HOOK_CALL_TYPE
- API_HOOK_TYPE
- API_MODULE_TYPE
- APPRAISAL_ASSESSMENT_STATUS
- APPRAISAL_TYPE
- ASSESSMENT_CLASSIFICATION
- ASSESSMENT_CLASSIFICATION_FORM
- ASSESSMENT_LINE_FORMULA
- ASSESSMENT_TOTAL_FORMULA
- CERTIFICATION_METHOD
- COMPETENCE_ELEMENT_TYPE
- COMPETENCE_EVAL_TYPE
- COMPETENCE_TYPE

- DATE_CONDITIONS
- HXT_ABSENCE_TYPE
- HXT_DAY_OF_WEEK
- HXT_EARNING_CATEGORY
- HXT_EARNING_RULE
- HXT_EARN_RULE_TYPE
- HXT_GROUP_TYPE
- HXT_HOUR_DEDUCTION_TYPE
- HXT_GROUP_TYPE
- HXT_INCLUDE_EXCLUDE_YN
- HXT_PREMIUM_TYPE
- HXT_PROJECT_UNITS
- HXT_SPECIAL_OT_CATEGORY
- HXT_TASK_UNITS
- HXT_TIMECARD_SOURCE
- HXT_VARIANCE_PERIOD
- JP_AGED_EE_STATUS
- JP_AGED_SPOUSE_STATUS
- JP_BANK_DEPOSIT_TYPE
- JP_DEDUCTIBLE_SPOUSE_STATUS
- JP_DISABLED_EE_STATUS
- JP_DISABLED_SPOUSE_STATUS
- JP_EARNINGS_CATEGORY
- JP_ELEMENT_SET_NAME
- JP_HEALTH_INS_UNION
- JP_INELIGIBLE_EE_YE_ADJ
- JP_MAGFILE_CHARACTERSET
- JP_SANTEI_GEPPEN_OR_OTHER
- JP_SCHOOL_TYPE
- JP_TAX_DUE_TYPE

- JP_UNEMPLOYMENT_INS_BUSINESS
- JP_UNEMPLOYMENT_INS_TYPE
- JP_WELFARE_PENSION_UNION
- JP_WIDOW_EE_STATUS
- JP_WORKING_STUDENT_EE_STATUS
- JP_WORK_ACCIDENT_INS_TYPE
- JP_YEA_PROCESS_STATUS
- PER_CATEGORIES
- PER_FTE_CAPACITY
- PER_LENGTHS_OF_SERVICE
- PER_RELOCATION_PREFERENCES
- PER_SUBJECTS
- PER_SUBJECT_STATUSES
- PER_TIME_SCALES
- PER_TUITION_METHODS
- PER_WORK_HOURS
- PER_WORK_SCHEDULE
- POSITION_STATUS
- PROFICIENCY_SOURCE
- PY_SRS_PAY_ADVICE_LAST_SORT
- RATING_SCALE_TYPE
- SEARCH_CONDITIONS
- W2 BOX 14
- W2 BOX 14 USER-DEFINED

Changed List of Values (QuickCodes)

FREQUENCY

The customization level for the QuickCode FREQUENCY has been changed from Extensible to System.

GB_COUNTY

The following QuickCode Values were added to GB_COUNTY:

Lookup Codes	Meaning
HIG	Highland
WNI	Western Isles
ORK	Orkney
CEN	Central
FIF	Fife
NBL	Northumberland
MGL	Mid Glamorgan
SGL	South Glamorgan
WGL	West Glamorgan
WTL	West Lothian
MOR	Moray
STI	Stirling
RUT	Rutland
SHI	Shetland
ETY	East Yorkshire

US_COBRA_EVENT

The following QuickCode Values were added to US_COBRA_EVENT:

Lookup Codes	Meaning
EB	Employer Bankruptcy
MS	Military Service

US_VISA_TYPES

The following lookup codes have been added to US_VISA_TYPES.

Lookup Codes	Meaning
A1	A-1 Foreign government worker
A2	A-2 Other foreign government official and family
A3	A-3 Attendant, servant or employee of A-1 or A-2 and family
ASLM	Political asylum
C1	C-1 Continuous transit alien
C2	C-2 Alien in transit to United Nations headquarters
C3	C-3 Foreign official, family, servants in transit
CPO	Chinese protective order (Oct 90)
CPR	Conditional permanent resident (spouse – two years)
D1	D-1 Crewman
EWI	Entry without inspection
F2	F-2 Student dependent
G1	Foreign government visitor
G2	G-2 Other representative of foreign member government
G3	G-3 Representative of nonrecognized government and family
G4	G-4 International organization officer or employee and family
H1B1	H1B1 Specialty occupation
H1B3	H1B3 Artist/athlete of acclaim
H1B4	H1B4 Athlete
H1B5	H1B5 Athlete
H1BS	H1BS Essential support
H2A	H-2A Temporary worker performing agricultural services

Lookup Codes	Meaning
H2B	H-2B Temporary worker
H3	H-3 Temporary trainee
H4	H-4 Worker dependent
I	I Representative of foreign media, spouse, children
J101	J-1 Code 01 Students
J102	J-1 Code 02 Short term scholars
J103	J-1 Code 03 Trainees - non medical
J104	J-1 Code 04 Teachers
J105	J-1 Code 05 Professors
J106	J-1 Code 06 Specialists
J107	J-1 Code 07 Alien physicians
J108	J-1 Code 08 Other - international visitors
J109	J-1 Code 09 Other alien employee of the USA
J110	J-1 Code 10 Other - camp counselors
J111	J-1 Code 11 Trainees - medical
J112	J-1 Code 12 Research scholars
J113	J-1 Code 13 Summer travel/work
J199	J-1 Code 99 Not applicable
K1	K-1 Fiance of US citizen
L2	L-2 Intracompany transferee dependent
M2	M-2 Non-academic student dependent
N8	N-8 Parent of SK-3 special Immigrant
N9	N-9 Child of N-8 or SK-1, SK-2 or SK-4 special immigrant
NATO	NATO
O3	O-3 Spouse, child of O-1 or O-2

Lookup Codes	Meaning
Q1	Q-1 Old Q-1 Cultural exchange visitor
R2	R-2 Religious worker dependent
RFGE	RFGE Refugee
SK1	SK-1 Special immigrant
SK2	SK-2 Special immigrant
SK3	SK-3 Special immigrant
VWB	VWB Visa waiver business
VWT	VWT Visa waiver tourist
WB1	WB1 Canadian walkover for business
WB2	WB2 Canadian walkover for pleasure

The following lookup codes for US_VISA_TYPES have new meanings.

Lookup Codes	Meaning
B1	B-1 Visitor for business
B2	B-2 Visitor for pleasure
E1	E-1 Treaty trader
E2	E-2 Treaty investor
F1	F-1 Student
H1	H-1A Professional Nurse
H1B	H-1B Worker in speciality occupation
J1	J-1 Exchange visitor
L1	L-1 Intracompany transferee
M1	M-1 Non-academic student
O1	O-1 Alien of extraordinary ability in sciences, art, education

Lookup Codes	Meaning
O2	O-2 Accompanying alien
P1	P-1 Performing entertainer or athlete
P2	P-2 Exchange program artist or entertainer
P3	P-3 Culturally unique artist or entertainer
PR	LPR US Lawful permanent resident
Q	Q-1 Cultural exchange visitor
R1	R-1 Religious worker
TC	TN Canadian or Mexican citizen professional

Obsolete List of Values (QuickCodes)

- BACKGROUND_CHECK_STATUS
- QUALIFYING_PATTERN
- SRS_USERBAL_LEVEL

New Workflows

Added to support HRDA:

- Candidate Offers
- Employee Direct Access (including HR Approvals)
- Create a List of People
- Perform Suitability Matching
- Career Management Reviews
- 360 Group Notification
- Career Management Process
- Hire Person Process (UK)
- Hire Person Process (US)

New Seed Data for Advance Pay

Added for Advance Pay balances:

Balances	Feeds
Advance Outstanding	Advance Clearup – Pay Value
	Advance Payment – Pay Value
	Advance Recovery – Pay Value
Deferred Payments	Deferred Payments – Pay Value

Added for Advance Pay elements:

Elements	Priority	Classifications
Advance Clearup	9996	Direct Payment
Advance Indicator	9999	Information
Advance Payment	9998	Direct Payment
Advance Period	8000	Information
Advance Recovery	9997	Direct Payment

Added for formula names and types:

FORMULA_NAME	FORMULA_TYPE
ADVANCE_CLEARUP	Oracle Payroll
ADVANCE_CLEARUP_SKID	Element Skip
ADVANCE_DEDUCTION	Oracle Payroll
DEFER_PAYMENT	Oracle Payroll

Added for processing elements, result names and input:

PROCESSING_ELEMENT	RESULT_NAME	R	INPUT
Advance Clearup	CLEARUP_ADVANCE	D	Advance Clearup – Pay Value
	DEFERRE_PAY_CLEAR	I	Deferred Payments – Pay Value

PROCESSING_ELEMENT	RESULT_NAME	R	INPUT
Advance Indicator	L_PAY_DEFERRED	I	Deferred Payments – Pay Value
Advance Recovery	ADVANCE_RECOVERY	D	Deferred Payments – Pay Value

HRMS Profile Options

New Profile Options

- FF_DEBUG
- PER_SECURITY_PROFILE_ID
- HXT_BATCH_SIZE
- OTA_CLASS_SIGNUP_WEB_REQ_STATUS
- OTA_CLASS_SIGNUP_WEB_WAIT_STATUS

Obsolete Profile Options

- DATETRACK:DELETE_MODE
- DATETRACK:OVERRIDE_MODE
- DATETRACK:UPDATE_MODE
- HR_HIDE_WORK_PHONE_ON_PERSON

Release 11 Features and Changes – OTA

This section lists new features added to Oracle Training Administration between Release 10SC Production 16.1 and Release 11 and describes the

changes made to database objects, seed data, and profile options for the same interval.

OTA New Features

The Competence Approach

If you have Oracle Human Resources and Oracle Training Administration installed in your enterprise, and you are developing the competence approach, you can:

- hold qualifications, attributes and knowledge that students can expect to attain by attending training activities as competencies.
- update a person's Personal Competence Profile to show that they have gained the competence delivered by a training activity.

Custom Library

We publish the current list of windows and event points from which calls can be made to Custom Library. All windows contain some calls to Custom Library. For a list of event points for these calls, see *Events Passed to the Custom Library*

In certain windows we have created *additional* event points that are passed to the Custom Library:

WHEN-CREATE-RECORD	POST-INSERT
POST-QUERY	POST-UPDATE
KEY-DELREC	POST-DELETE
PRE-UPDATE	POST-FORMS-COMMIT
PRE-INSERT	WHEN-BUTTON-PRESSED
PRE-DELETE	NAVIGATE

The NAVIGATE event is passed to the CUSTOM library whenever a user selects a task flow navigation option and before opening the new window. The following field values are set for the duration of this event:

- CTL_GLOBALS.DESTINATION_FORM
- CTL_GLOBALS.DESTINATION_BLOCK

You can use this event to supplement the validation that takes place when a task flow navigation option is selected. The windows that have this additional support for CUSTOM library calls are:

Special Information (PERWSPDC)
Define Location (PERWSLOC)
Define Organization (PERWSDOR)
Enrollment Agreement (OTATAEDB)
Customers for Restricted Event (OTARSEEA)
Scheduled Event (OTARSEES)
Programs (OTARSEEP)
Event Search (OTATASAV)
Resource (OTARSDSR)
Book Resources (OTARSERB)
Finance Headers (OTATAEFI)
Enrollment Details (OTATAEBD)

OTA Modules

Changed Windows

You can now enter skills or competencies that each training activity is expected to deliver through the Activities window, depending upon how the system administrator has set up OTA.

You can also update a person's Personal Competence Profile through the Enrollment Details window, if you have the authority, after they have successfully gained the competence delivered by a training activity.

Release 11 Features and Changes – OTM

This section lists new features added to Oracle Time Management between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

OTM New Features

Defined US Payroll Earnings Elements

You can now seeded U.S. Payroll Earnings elements for:

- Regular Salary and Regular Salary Special Inputs
- Regular Wages and Regular Wages Special Inputs
- Overtime
- Shift Pay
- GTL Imputed Income
- Company Car and Company Car Special Inputs
- VERTEX
- Workers Compensation
- Child Support and Child Support Special Inputs
- Creditor Garnishment and Creditor Garnishment Special Inputs
- Sick Pay
- Vacation Pay

Release 11 Features and Changes – ADE

Application Data Export has no new features, module changes, database object changes or profile option changes in this release.

Release 11 Features and Changes – Oracle SSP/SMP

This section lists new features added to SSP/SMP between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

SSP/SMP Modules

Changed Windows

Calendar Usages

The Value field now uses a long list to provide better performance.

Production Release 10SC Features and Changes – HRMS

This section lists new features added to Oracle HRMS between Release 10SC Production 16 and Production 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

HRMS New Features – Core Product

This section lists the enhancements that have been made to the core product (Oracle Human Resources and Payroll) between 10SC Production 16 and Production 16.1.

New Element Entry API

Provides an API interface to insert, update and delete element entries.

New APIs

Four new APIs to cover termination of employees, or of specific employee assignments for employees who remain active:

- hr_ex_employee_api.actual_termination_emp
- hr_ex_employee_api.final_process_emp
- hr_assignment_api.actual_termination_emp_asg
- hr_assignment_api.final_process_emp_asg

NLS Standard Compliance

There are cosmetic changes to the layout of several windows for Apps NLS standard compliance.

HRMS Modules

Changed Windows

Position

There is a new Status field on the Position window that controls whether employees can be assigned to the position. Leaving this field blank does not affect existing functionality.

Define Organizations and Define Positions

These windows are now based on the secured views of organizations and positions.

HRMS New Features – U.K. Legislation

Oracle Human Resources and Payroll – U.K. legislation has no new features, module changes, database object changes or profile option changes in this release.

HRMS New Features – U.S. Legislation

This section lists the enhancements that have been made to U.S legislative versions of Oracle Human Resources and Payroll between Release 10SC Production 16 and Production 16.1.

Changed Reports

The Cash report has been removed from seeded U.S. security groups and the paper W2 report now requires the Government Reporting Entity parameter.

HRMS Modules

Changed Windows

Person

The Employment Information Alternative region has been changed. The I9 field now has a list of values rather than being a checkbox.

Changed Reports

Cash Report

This report has been removed from seeded U.S. security groups.

STW2

This paper report now requires the Government Reporting Entity parameter.

HRMS Database Objects

The following database objects were added, changed, or made obsolete between Production 16 and Production 16.1 of Oracle HRMS.

Changed Tables

PER_POSITIONS	
New Columns	STATUS
PAY_ELEMENT_ENTRIES_F	
New Columns	OBJECT_VERSION_NUMBER
PAY_PAYROLLS_F	
New Columns	ARREARS_FLAG

Oracle Inventory

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Inventory and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to determine which part(s) of the new features or changed topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16.1	Release 11
10.7 GUI Production 16	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Inventory between Release 10SC Production 16.1 and Release 11 and describes the changes

made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Inventory between 10SC Production 16.1 and Release 11.

Kanbans

Kanbans, sourced from either an external supplier or another organization, is now available.

Serialized Cycle Counting

You can cycle count serial-controlled items and to perform adjustments so long as serial number uniqueness is not violated.

Project Manufacturing Support

Added support for several new Project Manufacturing features:

- Enable your inventory organizations for project referencing so that you can specify projects, tasks, and expenditure types for inventory transactions.
- Enable cost collection. You can collect costs from inventory and transfer them to Oracle Projects so that progress billings can include material and work in process project-related charges.
- Transfer material between project inventories as well as between common inventory and project inventory, with appropriate transfer of inventory values.
- Specify different project control levels for your inventory organizations and control projects at a project or task level.

Available to Promise

ATP windows support supply chain planning and resource availability.

Modules

New Windows

- Pull Sequences – Used to define replenishment chains for kanban.

- Kanban Cards – Used to define kanban cards manually.
- Cycle Count Serial Number Details – Used to facilitate entry of serial numbers during cycle counting.
- ATP Sources and Group Availability – Used to support supply chain ATP.

Changed Windows

- Master Item – Product Family was added to the User Item Type and BOM Item Type attributes to support the definition of product families in Oracle Bills of Material.
- Organization Item – Product Family was added to the User Item Type and BOM Item Type attributes to support the definition of product families in Oracle Bills of Material.
- Organization Parameters – To support Project Manufacturing, we added a Project Information alternative region with the following fields: Project Reference Enabled, Project Cost Collection Enabled, and Project Control Level.
- Cycle Counts – To support serialized cycle counting, we restructured this window and added a new Serial Control, Schedule alternative region with the following fields: Count, Detail, Adjustment, and Discrepancy.
- Manual Schedule Requests – We added a serial number field.
- Cycle Count Entries – We added a serial number field.
- Count Adjustment Approvals – We added a serial number field.
- ATP Information – To support supply chain ATP, we added an ATP Type region with two fields: Standard and Supply Chain. We also changed the button name to ATP Criteria.
- ATP Criteria – To support supply chain ATP, we added the Customer and Customer Site fields. We also added a Continue button to allow navigation to the ATP Sources and Group Availability window.

New Reports

To support kanbans, we added the Print Kanban Cards report.

Changed Reports

To support serialized cycle counting, we modified the following reports by adding a Display Serial Numbers parameter and a Serial Numbers column.

- Cycle Count Schedule Requests
- Cycle Count Open Requests Listing
- Cycle Count Listing Report (also added a new zone to print serial number and serial count quantity for each sequence number)
- Cycle Count Pending Approvals Report (also added two new zones, the first to print positive and negative quantity adjustments and the second to print serial numbers)
- Cycle Count Entries and Adjustments Report (also added two new zones, the first to print positive and negative quantity adjustments and the second to print serial numbers)
- Cycle Count Hit/Miss Analysis Report (The only change in this report was to add a new field to the printed report displaying whether the report includes serialized items).

To support multiple reporting currencies (MRC), we added Currency and Exchange Rate to the parameters in the Material Account Distribution Detail Report.

Obsolete Reports

The Reorder Point Planning Report in Oracle Inventory is now obsolete. It has been replaced with the Reorder Point Report in Oracle Master Scheduling/MRP.

New Processes

To support kanbans, we added the Generate Kanban Cards process, which automatically generates kanban cards in batch mode from sourcing information in the pull sequences.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Tables

Created to support kanbans:

- MTL_KANBAN_CARD_ACTIVITY
- MTL_KANBAN_CARDS
- MTL_KANBAN_CARD_PRINT_TEMP
- MTL_KANBAN_PULL_SEQUENCES

Created to support serialized cycle counting:

- MTL_CC_SERIAL_NUMBERS

Changed Tables

Changed to support serialized cycle counting:

MTL_CC_SCHEDULE_REQUESTS	
---------------------------------	--

New Column	SERIAL_NUMBER
------------	---------------

MTL_CYCLE_COUNT_ENTRIES	
--------------------------------	--

New Columns	SERIAL_NUMBER
	SERIAL_DETAIL
	APPROVAL_CONDITION
	NEG_ADJUSTMENT_QUANTITY
	NEG_ADJUSTMENT_AMOUNT

MTL_CYCLE_COUNT_HEADERS	
--------------------------------	--

New Columns	SERIAL_COUNT_OPTION
	SERIAL_DETAIL_OPTION
	SERIAL_ADJUSTMENT_OPTION
	SERIAL_DISCREPANCY_OPTION

Changed to support category accounts used in the setup of product line accounting:

MTL_CATEGORY_ACCOUNTS	
------------------------------	--

New Columns	COST_GROUP_ID
	ANALYTICAL_IPV

MTL_CATEGORY_ACCOUNTS	
	ANALYTICAL_PO_MIRROR
	NON_INVOICED_SO
	NON_INVOICED_REVENUE
	ANALYTICAL_REVENUE_MIRROR
	ANALYTICAL_MOGS
	AVERAGE_COST_VAR_ACCOUNT

Changed to support supply chain ATP:

MTL_DEMAND_INTERFACE	
New Columns	VENDOR_ID
	VENDOR_SITE_ID
	INTRANSIT_LEAD_TIME
	SHIP_METHOD
	RESOURCE_ID
	DEPARTMENT_ID

Changed to support transaction related and supply chain planning:

MTL_TRANSACTIONS_INTERFACE	
New Columns	BOM_REVISION
	ROUTING_REVISION
	BOM_REVISION_DATE
	ROUTING_REVISION_DATE
	ALTERNATE_BOM_DESIGNATOR
	ALTERNATE_ROUTING_DESIGNATOR
	DEMAND_CLASS
	PARENT_ID
	SUBSTITUTION_TYPE_ID
	SUBSTITUTION_ITEM_ID

MTL_TRANSACTIONS_INTERFACE	
	SCHEDULE_GROUP
	BUILD_SEQUENCE
	SCHEDULE_NUMBER
	SCHEDULED_FLAG
	FLOW_SCHEDULE

Changed to support product families and globalization:

MTL_SYSTEM_ITEMS	
New Columns	PRODUCT_FAMILY_ITEM_ID
	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-10
	PURCHASING_TAX_CODE
Obsolete Columns	IMG_IMAGE_ID
	MINMAX_ORDER_TYPE

MTL_ITEM_TEMPLATES	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-10

ORG_FREIGHT	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-20

MTL_INTERORG_PARAMETERS	
Obsolete Column	PRIMARY_RCV_ROUTING_TYPE

MTL_INTERORG_SHIP_METHODS	
Changed Column (now nullable)	FROM_ORGANIZATION_ID
	TO_ORGANIZATION_ID

Changed to support project manufacturing:

MTL_ITEM_LOCATIONS	
New Column	PHYSICAL_LOCATION_ID

Changed to support supply chain planning:

MTL_ATP_RULES	
New Columns	INCLUDE_FLOW_SCHEDULE_DEMAND
	INCLUDE_FLOW_SCHEDULE_RECEIPTS

MTL_SUPPLY_DEMAND_TEMP	
New Columns	RESOURCE_ID
	DEPARTMENT_ID

MTL_MATERIAL_TRANSACTIONS	
New Column	FLOW_SCHEDULE

MTL_MATERIAL_TRANSACTIONS_TEMP	
New Column	FLOW_SCHEDULE

Changed to support movement statistics:

MTL_MOVEMENT_STATISTICS	
New Column	PICKING_LINE_DETAIL_ID

Changed to support costing:

MTL_CST_ACTUAL_COST_DETAILS	
New Column	TRANSACTION_ACTION_ID

New Views

Created to support kanbans:

- MTL_KANBAN_CARD_ACTIVITY_V
- MTL_KANBAN_CARDS_V
- MTL_KANBAN_PULL_SEQUENCES_V
- MTL_SUPPLIER_SITES_V
- ORG_ORGANIZATION_DEF_MRC_V

Changed Views

Changed to reflect table changes:

- MTL_CYCLE_COUNT_ENTRIES_ALL_V
- MTL_CYCLE_COUNT_HEADERS_ALL_V
- MTL_CYCLE_COUNT_HEADERS_VAL_V
- MTL_CYCLE_COUNT_HEADERS_V
- MTL_CYCLE_COUNT_ENTRIES_V
- MTL_CUSTOMER_ITEM_XREFS_V
- MTL_CUSTOMER_ITEMS_ALL_V
- MTL_CUSTOMER_ITEMS_ACTIVE_V
- MTL_GROUP_ATPS_VIEW
- MTL_ITEM_ATTRIBUTE_VALUES_V
- MTL_UOM_CONVERSIONS_VIEW
- MTL_CATEGORIES_V
- MTL_CATEGORY_SETS_V
- MTL_ITEM_TEMPLATES_ALL_V
- MTL_UOM_CONVERSIONS_VIEW
- MTL_CATEGORIES_V
- MTL_CATEGORY_SETS_V

- MTL_ITEM_TEMPLATES_ALL_V
- MTL_ITEM_TEMPL_ATTRIBUTES_V
- MTL_CATEGORY_ACCOUNTS_V
- MTL_SYSTEM_ITEMS_KFV
- ORG_ACCESS_V
- MTL_MOVEMENT_STATISTICS_V
- MTL_INTERCOMPANY_PARAMETERS_V
- MTL_ITEM_LOCATIONS_KFV
- ORG_ORGANIZATION_DEFINITIONS
- ORG_ORGANIZATION_DEFINITIONS2
- MTL_PROJECT_V
- MTL_TASK_V

New Indexes

Created to support kanbans:

- MTL_KANBAN_PULL_SEQUENCES_U1
- MTL_KANBAN_PULL_SEQUENCES_U2
- MTL_KANBAN_PULL_SEQUENCES_N1
- MTL_KANBAN_CARDS_U1
- MTL_KANBAN_CARDS_U2
- MTL_KANBAN_CARDS_N1
- MTL_KANBAN_CARD_ACTIVITY_U1
- MTL_KANBAN_CARD_ACTIVITY_N1
- MTL_KANBAN_CARD_ACTIVITY_N2
- MTL_KANBAN_CARD_ACTIVITY_N3

Created to support material transactions:

- MTL_MATERIAL_TRANSACTIONS_N15
- MTL_MATERIAL_TRANSACTIONS_U2
- MTL_TRANSACTIONS_INTERFACE_U1
- MTL_TRANSACTIONS_INTERFACE_N2
- MTL_MATERIAL_TRANS_TEMP_U1

Created to support serialized cycle counting:

- MTL_CC_SERIAL_NUMBERS_U1

Created to support supply chain planning:

- MTL_DEMAND_N10

Created to support costing:

- MTL_PER_CLOSE_DTLS_U1
- MTL_CST_ACTUAL_COST_DETAILS_U1

Created to support movement statistics:

- MTL_INTERORG_SHIP_METHODS_N2
- MTL_INTERORG_SHIP_METHODS_N3

Created to support product families:

- MTL_SYSTEM_ITEMS_N7

Changed Indexes

Changed to support transaction related issues:

MTL_CST_ACTUAL_COST_DETAILS_U1	
New Columns	TRANSACTION_ID
	COST_ELEMENT_ID
	LAYER_ID
	LEVEL_TYPE
	TRANSACTION_ACTION_ID

MTL_CATEGORY_ACCOUNTS_U1	
New Column	COST_GROUP_ID

Obsolete Indexes

- MTL_ACTUAL_COST_SUBELEMENT_U1

Synonyms

Added the following synonyms for APPDEMO and INVDEMO:

- MTL_PER_CLOSE_DTLS
- MTL_KANBAN_PULL_SEQUENCES
- MTL_KANBAN_CARDS
- MTL_KANBAN_CARD_ACTIVITY
- MTL_KANBAN_CARD_PRINT_TEMP
- MTL_CC_SERIAL_NUMBERS

Sequences

Implemented to support kanbans:

- MTL_KANBAN_PULL_SEQUENCES_S
- MTL_KANBAN_CARDS_S
- MTL_KANBAN_REPLENISH_CYCLE_S
- MTL_KANBAN_CARD_ACTIVITY_S
- MTL_KANBAN_CARD_PRINT_TEMP_S

Obsolete Triggers

- MTL_SYSTEM_ITEMS_T1_VEH

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Inventory.

New Menus

INV_NAVIGATE – Inventory Menu

Seq	Prompt	Submenu	Function	Description
55	Kanban	INV_KANBAN		Kanban Menu

INV_KANBAN - Kanban Menu

Seq	Prompt	Submenu	Function	Description
10	Pull Sequences	INV_INVKBPSQ	Pull Sequences	Pull Sequences
20	Kanban Cards	INV_INVKBCRD	Kanban Cards	Kanban Cards
30	Generate Kanban Cards		Generate Kanban Cards	Generate Kanban Cards
40	Print Kanban Cards		Print Kanban Cards	Print Kanban Cards

New Functions

Function Name	User Function Name	Type
INV_FNDRSRUN_INTERCO_REPORTS	Requests: Intercompany Reports	Form
INV_FNDRSRUN_INVKBCGN	Generate Kanban Cards	Form
INV_FNDRSRUN_INVKBCPR	Print Kanban Cards	Form
INV_INVKBCRD	Kanban Cards	Form
INV_INVKBCRD_INVKBPUR	Kanban Cards:Purge Report Temp Table	Subfunction
INV_INVKBPSQ	Pull Sequences	Form
INV_INVKBPSQ_INVKBCGN	Pull Sequences:Generate Kanban Cards	Subfunction
INV_INVKBPSQ_INVKBCRD	Pull Sequences:Kanban Cards	Subfunction
INV_INVSDOSI_SCATP	Inter-Location Shipping Network	Form
INV_MRPATPRS	Resource Supply for ATP	Form
JG_ENABLE_GLOBAL_FLEX	JG Global Flexfield enabled flag	Form
MRP_FNDRSRUN_COPY_FORECAST	Copy Forecast	Form
RCV_RCVSHESH	Manage Shipments	Form
RCV_RCVSTRDO	Receiving Options	Form
RCV_RCVTXECO	Corrections	Form

Function Name	User Function Name	Type
RCV_RCVTXERE	Returns	Form
RCV_RCVTXERT	Receiving Transactions	Form
RCV_RCVTXVTX	Receiving Transaction Status Summary	Form
VEHCOMCD	VEH Commodity Code Extras	Form
VEHCUSIT	VEH Customer Item Extras	Form

Changed Functions

Function Name	User Function Name	Type
INV_FNDPQCR	View All Concurrent Requests for Inventory	Form
GLXSTBKS	Sets of Books	Form
GLXSTCAL	Calendars	Form
PO_POXSTDPO_NON_PO	Purchasing Options Non PO	Form – (was Subfunction)

Obsolete Functions

Function Name	User Function Name	Type
INV_FNDRSRUN_ITEM_FLEX_VIEW	Item Flexfield View	Form

New Forms

Name	Description
INVKBKCRD	Kanban Cards
INVKBPSQ	Pull Sequences

New Lookup Types

Lookup Type	Cd	Description
MTL_CALCULATE_KANBAN_FLAG	1	Kanban Size
MTL_CALCULATE_KANBAN_FLAG	2	Number of Cards
MTL_CC_APPROVAL_CONDITION	1	Found Elsewhere in the System
MTL_CC_APPROVAL_CONDITION	3	Approval Required for all Adjustments
MTL_CC_SERIAL_ADJ_OPTIONS	1	Adjust if Possible
MTL_CC_SERIAL_ADJ_OPTIONS	2	Review all Adjustments
MTL_CC_SERIAL_COUNT_OPTIONS	1	Not Allowed
MTL_CC_SERIAL_COUNT_OPTIONS	2	One Per Request
MTL_CC_SERIAL_COUNT_OPTIONS	3	Multiple Per Request
MTL_CC_SERIAL_DETAIL_OPTIONS	1	Quantity and Serial Numbers
MTL_CC_SERIAL_DETAIL_OPTIONS	2	Quantity Only
MTL_CC_SERIAL_DISCREPY_OPTIONS	1	Allow
MTL_CC_SERIAL_DISCREPY_OPTIONS	2	Do Not Allow
MTL_CC_SERIAL_UNIT_STATUSES	1	Found in Inventory
MTL_CC_SERIAL_UNIT_STATUSES	2	Not Found in Inventory
MTL_DEMAND_INTERFACE_ERRORS	58	Unable to meet the request quantity for resources
MTL_DEMAND_INTERFACE_ERRORS	59	Unable to meet request quantity for materials and resources
MTL_DEMAND_INTERFACE_ERRORS	61	Nonshippable Item requiring no ATP checks, not included in ATP Inquiry
MTL_FUNCTIONAL_AREAS	8	Product Line Accounting
MTL_KANBAN_AGGREGATION_TYPE	1	None
MTL_KANBAN_AGGREGATION_TYPE	2	Minimum Order Quantity
MTL_KANBAN_CARD_PRINT_SORT	1	Kanban Card Number
MTL_KANBAN_CARD_PRINT_SORT	2	Subinventory

Lookup Type	Cd	Description
MTL_KANBAN_CARD_PRINT_SORT	3	Subinventory, Locator
MTL_KANBAN_CARD_PRINT_SORT	4	Supplier, Supplier Site
MTL_KANBAN_CARD_PRINT_SORT	5	Source Org, Source Subinventory, Source Locator
MTL_KANBAN_CARD_STATUS	1	Active
MTL_KANBAN_CARD_STATUS	2	Hold
MTL_KANBAN_CARD_STATUS	3	Canceled
MTL_KANBAN_CARD_TYPE	1	Replenishable
MTL_KANBAN_CARD_TYPE	2	Non Replenishable
MTL_KANBAN_DOCUMENT_TYPE	1	Purchase Order
MTL_KANBAN_DOCUMENT_TYPE	2	Blanket Release
MTL_KANBAN_DOCUMENT_TYPE	3	Internal Requisition
MTL_KANBAN_ERROR_CODE	1	Lost
MTL_KANBAN_ERROR_CODE	2	Damaged
MTL_KANBAN_SOURCE_TYPE	1	Inter Org
MTL_KANBAN_SOURCE_TYPE	2	Supplier
MTL_KANBAN_SOURCE_TYPE	3	Intra Org
MTL_KANBAN_SOURCE_TYPE	4	Production
MTL_KANBAN_SUPPLY_STATUS	1	New
MTL_KANBAN_SUPPLY_STATUS	2	Full
MTL_KANBAN_SUPPLY_STATUS	3	Wait
MTL_KANBAN_SUPPLY_STATUS	4	Empty
MTL_KANBAN_SUPPLY_STATUS	5	In Process
MTL_KANBAN_SUPPLY_STATUS	6	In Transit
MTL_SUPPLY_DEMAND_SOURCE_TYPE	24	WIP Work Orderless Completion

Changed Lookup Types

Lookup Type	Cd	Description
MTL_RELEASE_TIME_FENCE	6	Old value = Kanban Item (Do Not Release) New Value = Do not release (Kanban)
MTL_REPLENISH_ACTIONS	1	Old Value = Run Replenishment Processor New value = Process Count

Obsolete Lookup Types

Lookup Type	Cd	Description
MTL_FUNCTIONAL_AREAS	8	Web
MTL_DEMAND_INTERFACE_ERRORS	61	ATP check not applicable

New Lookup Codes

Added to FND_COMMON_LOOKUPS:

Lookup Type	Lookup Code	Meaning
ATP_FLAG	Y	Material Only
ATP_FLAG	C	Material and Resource
ATP_FLAG	R	Resource Only
ATP_FLAG	N	None
ITEM_TYPE	PF	Product Family

New Value Sets

Name	Description
INV_KANBAN_CARD_TYPE	Kanban card type - Replenishable or non-replenishable
INV_KANBAN_SORT_BY	Sorting criteria for Print Kanban Cards report
INV_KANBAN_SOURCE_TYPE	Kanban source type lookups
INV_KANBAN_SUPPLIER	Supplier for kanban
INV_KANBAN_SUPPLIER_SITES	External supplier sites
INV_KANBAN_SUPPLIER_STATUS	Kanban's supply status

New Attributes

Attribute Name	User Attribute Name
GLOBAL_DESC_FLEX	Global Descriptive Flexfield
PURCHASING_TAX_CODE	Purchasing Tax Code

Changed Attributes

Attribute Name	User Attribute Name
ATP_FLAG	Check ATP

New Attribute-Application Dependencies

Attribute Name	Application ID
GLOBAL_DESC_FLEX	7004
PURCHASING_TAX_CODE	201

Default Category Sets for New Functional Areas

Attribute Name	Default Category Set
Product Line Accounting	Inventory

New Item Template

We added a Product Family item template.

New Concurrent Programs

Program	Short Name	Type
Generate Kanban Cards	INVKBGCN	PL/SQL Stored Procedure
Print Kanban Cards	INVKBCPR	Report
Calculate Resource Supply for ATP	MRPATPRS	PL/SQL Stored Procedure

New APIs

- INV_KANBAN_PUB.UPDATE_CARD_SUPPLY_STATUS

Changed Request Groups

Added to the "All Reports" Request Group:

- Generate Kanban Cards
- Min-max planning report
- Print Kanban Cards

Added to the "Planning and Forecasting" Request Group:

- Calculate Resource Supply for ATP (Oracle Inventory)
- Reorder Point Report (Oracle Master Scheduling/MRP)

We made the following changes to the "All Reports" Request Group:

- Reorder point planning report (Oracle Inventory) changed to Reorder point report (Oracle Master Scheduling/MRP)

Create Item Flexfield View is now obsolete in all request groups.

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

INV:Project Miscellaneous Transaction Expenditure Type	Governs the entry of expenditure types for project miscellaneous transactions. You can either permit manual entry of expenditure types, or you can let the Cost Collector use the expenditure types linked to the cost elements of the current weighted average unit cost of the item to post to Projects.
INV:Capable to Promise	Governs the calculation of Capable to Promise and Product Family Available to Promise. You can enable Standard ATP, Product Family ATP, or Product Family ATP plus Capable to Promise calculations.
INV:Product Family Item Template Name	Selects the default Product Family Item Template.

Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Inventory between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features for Oracle Inventory are divided by the release levels from Production 1 –15 to Production 16. Release levels with no new features are not listed.

10SC Production Release 16

This section lists the enhancements made to Oracle Inventory between 10SC Production 15 and Production 16.

Customer Items

You can define and update customer items in the Customer Items window. The Customer Items Commodity Codes window was added to support the Customer Items window. We have also added the Customer Items Cross References window so that you can cross reference customer items to your Oracle Inventory items to support processing orders and shipments. Finally, we added three new reports: the Customer Items Report, the Customer Items Cross Reference Report, and the Customer Items Commodity Code Listing.

Customer Items Interface

To simplify loading of information from legacy systems, we have added a Customer Items Interface with two new processes: Import Customer Items and Import Customer Item Cross References.

Min-max Planning Report

Offers the options to generate internal or purchase requisitions for Buy items and WIP unreleased jobs for Make items for all items for which the on-hand quantity plus the on-order quantity is less than the min-max minimum amount. In turn, WIP jobs may be included as supply, and WIP job component requirements netted as demand in the min-max algorithm. Inventory reservations are now included in netting reservations against demand. You can now include non-nettable subinventories as supply when running min-max at the organization level. Requisitions generated by prior runs of min-max planning and not yet imported into purchasing and converted to a purchase order can now be included as supply. Finally, suggested requisitions can be created as either approved or unapproved, according to the new INV:Minmax Reorder Approval profile option.

Multi-org Quantity Report

Offers an option to include the unit cost and extended cost. Other new options are to include non-nettable subinventories and to include expense subinventories.

Physical Inventory Tags Printing

Print physical inventory tags from the Submit Requests window.

Movement Statistics Window

We have added a semi-modal Movement Statistics window that can be accessed from the Special Menu in the following windows:

- INVENTORY: Inter-Organization Transfers, RMA Receipts, and RMA Returns
- RECEIVING: Receipts, Returns, and Corrections

This window permits users to enter required and selected optional movement information from within the originating window.

Intercompany Relations Window

Use to define, query, and update intercompany relations between the Shipping and Selling organizations (operating units) in a multi-organization environment.

Project Manufacturing Support

To support project manufacturing in a future release, Oracle Inventory has added fields related to project manufacturing to various windows.

Window	Fields added
Subinventories	Project, Task, Project Costed checkbox
Locators	Project, Task
Miscellaneous Transactions	Source Project, Source Task, Expenditure Type, Expenditure Org ¹
Organization Parameters	New value on the Project Information poplist with fields Project Reference Enabled checkbox, Cost Collection Enabled checkbox, Project Control Level poplist with values Project and Task. For Costing Information on poplist, new field Average Rates Cost Type ²
Material Transactions	New alternative region Transaction IDs with fields Project, Task, To Project, To Task, Source Project, Source Task, Expenditure Type, Expenditure Org.
Transaction Interface	Source Project, Source Task, Expenditure Type, Expenditure Org. Also new button Cost Details to access costing information.
Pending Transactions	New alternative region Transaction IDs with fields Project, Task, To Project, To Task, Source Project, Source Task, Expenditure Type, Expenditure Org.
Transaction Types	Project checkbox

Notes:

¹These fields are present only when transaction types are tied to projects and when project references are enabled for the organization.

²This field is enabled only if the CST Average Costing Option profile is set to Average Costing in Inventory and WIP, and the costing method is average costing.

10SC Production Releases 13–15

This section lists the enhancements made to Oracle Inventory since it was included as a Release 10SC Production product in Production 13.

Master Items – Workbench

All item activities are now supported by the Master Items window, which has a Find window, a multi–row folder for display, and a single row mode for entry and update. The Special menu provides access to catalog, category, organization assignment, revision, cross references, pending status, and template/copy. All Special menu functions, as well as attribute groups, can be selectively secured with function security. For example, you can give the Purchasing Manager responsibility access to only the purchasing attributes.

Item attributes are grouped by functional area, and the window now has all item attributes, including those such as planner code and MRP exception set that are organization level only. A radio group lets you distinguish between Master item attributes and Organization Item attributes. Copy Item now copies the description as well as other attributes. Finally, item notes have been replaced by attachments, which can include text, graphics, audio, etc.

Organization Items – Workbench

This workbench parallels the Master Items workbench and has all the features described above. You can view all attributes, but you can update only those that are controlled at the Organization level.

Item Revision

Item Revision is now a part of the Master Items and Organization Items workbenches and now includes the revision description.

Item Attribute Changes

General Planning Attributes	The Make/Buy attribute was moved to the General Planning Attributes from the MPS/MRP Planning attributes group.
MPS/MRP Planning Attributes	The following attributes have been added: Release Time Fence and Release Time Fence Days. Three new values have been added to the Planning Method item attribute to support Distribution Requirements Planning: Not Planned, MRP Planning, MPS Planning, MRP/DRP Planned, MPS/DRP Planned, and DRP Planned. Finally, new values have been added to the Pegging item attribute (formerly the End Assembly Pegging item attribute) to support project manufacturing: Full Pegging, End Assembly Pegging, End Assembly/Full Pegging, Net By Project/Ignore Excess, Net By Project/ Net Excess/ and None.
Physical Attributes	The following attributes have been added: Container, Vehicle, Maximum Load Weight, Minimum Fill Percentage, Internal Volume, and Container Type.
Service Attributes	The Service Attribute group has been added and includes the following item attributes: Support Service, Warranty, Coverage, Service Duration, Billing Type, Serviceable Product, and Service Starting Delay. The Service attribute dependencies for Support Service items allow invoicing and allow warranty items to be on bills of material.

Transactions Window

Now a multi-row folder. We have improved serial number entry allowing issues to be serial triggered. For serialized items, you can specify the serial number first; and the item, subinventory, locator, and quantity will default. The new profile option INV:Transaction Date Validation allows you to restrict post dated transactions, with options for no post dating, post dating only in the current period, or post dating in the current or prior period if the period is still open. Another new

profile option, TP:Server Side Online Processing, lets you select whether online Inventory and Work-in-Process transactions are processed on the client or server.

Pending Transactions Window

Now a multi-row folder and displays additional information, including lot and serial numbers for the transaction items. Also, a new Find window provide flexible search criteria for pending transactions.

Transaction Interface Window

Now a multi-row folder and displays additional information, including lot and serial numbers and cost details for the transaction items. It also allows you to update many additional fields and then resubmit. Finally, we added a Find window to offer flexible search criteria for transactions.

On-hand Inquiry Window

Combines the Negative Inquiry and Multi-Organization forms and displays additional information. You can use function security to restrict access. It is a multi-row folder. You can use the Find window to specify an item or subinventory, or a quantity or quantity range. The displayed information now indicates whether the item is non-nettable. To see negative on-hands only, you can specify a quantity range of null to zero. The drill-down capability lets you start at the multi-org level and drill down to revision, subinventory, locator, or lot/serial information. Use the Special menu to see item reservations in the specified organization.

Manufacturer's Part Number

You can enter and query by either manufacturer or item.

View Item Information Window

Improves the View Item Information form so that you can view information for a single organization, your login organization and the master organization, or all organizations. When you view information for multiple organizations, values that vary across organizations are highlighted. You can also select whether to view attributes, revisions, and categories, and you can restrict access with function security.

Item Search Window

Now defaults to the login organization rather than to the master organization. For catalog searches, the window displays descriptive elements for the catalog. For quantity searches, you can specify flexible search criteria including multiple quantity, for example, quantities greater than 300 but less than 1000. You can view quantity on hand as well as quantity available to reserve. Special menu options let you view descriptive elements, item attributes, item cross-references, item relations, and on-hand detail.

ABC Compile

ABC Compile information is available in a new window as well as in the existing report. The Special menu offers options to view, purge, and print the compile. When you use the View option, we autoquery all information, and you can query by example items in the compile and see their rank and value.

ABC Assignment Groups Window

Enter classes to use with an ABC group, assign items to ABC groups with an associated ABC compile, and update item assignments or enter items that were not part of an ABC compile. Also, by using the Special menu, you can view compiles and ABC classes and purge ABC groups.

Assign ABC Items

The percent, value, and sequence numbers are cumulative when you enter the ABC cutoff points.

Cycle Counting – Workbench

All cycle count functions are available from the Cycle Counts Summary multi-row folder window. You can use function security to restrict access to these functions. During count entry, you can enter the count sequence number to automatically query the item, subinventory, and other information. Also, a list of values is available in the Locator field. The Count Approvals window has a button to take you to the transactions inquiry so you can view recent transaction history for items awaiting adjustment approval.

Physical Inventory — Workbench

All physical inventory functions are available from the Physical Inventories Summary folder window, either through the Special menu or by selecting buttons. You can use function security to restrict access to these functions. The Physical Inventories Summary window displays all previously defined physical inventories. From this window, you can define a physical inventory, take a snapshot of it, generate tags for it, and save it. You can access the Physical Inventory Tag Counts window and void or unvoid tags, and you can access the Approve Physical Adjustments Summary window to display additional quantity and variance information and to approve or reject all or individual records. Also, during tag entry, you can enter the count sequence number to automatically query the item, subinventory, and other information.

Safety Stocks

A new concurrent program accessible from the Special menu allows you to reload safety stock for all items.

Shipping Networks

You can specify both the From and To organizations when defining shipping networks, and you can use function security to restrict access. Also, two new windows have been added to enable the user to apply lead times to shipping methods for inter-organization shipping networks: the Ship Method QuickCodes window to define the shipping methods and the Inter-org Shipping Methods window to enter the lead times.

Accounting Close Cycle

A new Pending button lets you view the number of transactions that require resolution before the period will close and the number of transactions that may be problematic but will not prevent the period from being closed.

Material Transaction Inquiry

The Material Transaction Inquiry has been improved with additional search options in the Find window. You can now search transactions by category set, category, serial number, lot number, supplier lot number, and range of quantities. We also display additional transaction information in the Material Transactions window. The Material Transactions window is a folder, so you can tailor the display. A button

(which can be secured with function security) allows you to view account distributions for a selected transaction.

Transaction Summary Inquiry Window

Displays summarized transaction history and value of transactions for an item or subinventory. For a selected time period, the display includes the number of transactions and quantity transacted by item and stock location, transaction type, transaction action, and so on. Use the Transaction Details button to view additional information for a selected line.

Lot Number Inquiry

We have added increased search criteria in the Find window.

Serial Number Inquiry

We have added increased search criteria in the Find window.

Item Documents

This window replaces the Purchasing Notes and allows you to define documents that can be attached to items in the Master Items and Organization Items windows

Demand History Inquiry

The Demand History Inquiry lets you select multiple items so that you can view summary demand history for more than a single item at one time. A Details button takes you to the Transaction Inquiry to view details behind the summarized history.

Demand Interface Inquiry

This window is now a folder so that you can customize the information displayed. We have also increased search functionality in the Find window.

Transaction Source Types

In the Transaction Source Types window, you can use the Transaction Types button to open the Transaction Types window, where you can define transaction types for the selected source type.

Container Types QuickCodes

This new window was added to support the Physical item attributes and the Customer Items functionality.

Modules

10SC Production Release 16

New Windows

- Customer Items
- Customer Items Commodity Codes
- Customer Items Cross References
- Movement Statistics
- Intercompany Relations

New Reports

- Customer Items Report
- Customer Items Cross Reference Report
- Customer Items Commodity Code Listing
- Physical Inventory Tags

Changed Reports

- Min-max Planning Report
- Multi-org Quantity Report

New Processes

- Import Customer Items
- Import Customer Item Cross References

10SC Production Release 15

New Windows

- Ship Method QuickCodes

- Inter-org Shipping Methods (accessible from the Special menu in the Shipping Networks window)
- Container Types

Database Objects

The following database objects have been added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16

This section lists the changes that have been made to Oracle Inventory database objects between 10SC Production 15 and 10SC Production 16.

New Table

Added to support new Period Close calculations:

- MTL_PER_CLOSE_DTLS

Changed Tables

Changed to support Project Manufacturing and WIP Weighted Average Costing functionality:

MTL_MATERIAL_TRANSACTIONS	
New Columns	MATERIAL_ACCOUNT (NUMBER)
	MATERIAL_OVERHEAD_ACCOUNT (NUMBER)
	RESOURCE_ACCOUNT (NUMBER)
	OUTSIDE_PROCESSING_ACCOUNT (NUMBER)
	OVERHEAD_ACCOUNT (NUMBER)
	COST_GROUP_ID (NUMBER)
	TRANSFER_COST_GROUP_ID (NUMBER)

Changed to support WIP Weighted Average Costing functionality.

MTL_MATERIAL_TRANSACTIONS_TEMP	
New Columns	MATERIAL_ACCOUNT (NUMBER)
	MATERIAL_OVERHEAD_ACCOUNT (NUMBER)

MTL_MATERIAL_TRANSACTIONS_TEMP	
	RESOURCE_ACCOUNT (NUMBER)
	OUTSIDE_PROCESSING_ACCOUNT (NUMBER)
	OVERHEAD_ACCOUNT (NUMBER)
MTL_TRANSACTIONS_INTERFACE	
New Columns	MATERIAL_ACCOUNT (NUMBER)
	MATERIAL_OVERHEAD_ACCOUNT (NUMBER)
	RESOURCE_ACCOUNT (NUMBER)
	OUTSIDE_PROCESSING_ACCOUNT (NUMBER)
	OVERHEAD_ACCOUNT (NUMBER)

New Views

Created to support Project Manufacturing functionality:

- MTL_PROJECT_V
- MTL_TASK_V

Changed Views

- MTL_TRANSACTIONS_TEMP_ALL_V
- MTL_SUBINVENTORIES_TRK_VAL_V
- MTL_SUBINVENTORIES_VAL_V
- MTL_ITEM_SUB_TRK_VAL_V
- MTL_ITEM_SUB_VAL_V
- MTL_ITEM_SUB_AST_VAL_V
- MTL_ITEM_SUB_EXP_VAL_V
- MTL_SUBINVENTORIES_ALL_V
- MTL_SUB_TRK_ALL_V
- MTL_TRX_TYPES_VIEW
- MTL_SUB_AST_TRK_VAL_V
- MTL_SUB_EXP_VAL_V

- MTL_SUB_EXP_TRK_VAL_V
- MTL_ITEM_SUB_AST_TRK_VAL_V
- MTL_ITEM_EXP_TRK_VAL_V
- MTL_PARAMETERS_ALL_V
- MTL_PARAMETERS_VIEW
- MTL_SECONDARY_INVENTORIES_FK_V
- MTL_TRANSACTIONS_INTERFACE_V

Seed Data

Oracle Inventory includes the following seed data changes made since Release 10.7 of Oracle Applications.

10SC Production Release 16

The following seed data was added or changed between Release 10.7 of Oracle Applications and 10SC Production Release 16.

New Quick Codes

ASSEMBLY_PEGGING_CODE	Used to specify the level and scope to be used in pegging supply/demand information in MRP.
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New Lookups

MTL_RELEASE_TIME_FENCE	Used to specify the type of time fence to assign to the new item attribute RELEASE_TIME_FENCE_CODE
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INV_SRS_MMX_REPORT_FORMAT	Used to determine the format to use when displaying the enhanced Min-max report.
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Profile Options

Oracle Inventory includes the following profile option changes made since Release 10.7 of Oracle Applications.

10SC Production Release 16

The following profile option changes were made between 10SC Production Release 15 and 10SC Production Release 16.

New Profile Options

INV:Minmax Reorder Approval	<i>Approved</i> or <i>Unapproved</i> indicates the status of requisitions created by the Min-max Planning Report. Inventory predefines a value of <i>Approved</i> for this profile for all levels upon installation. If you choose <i>Unapproved</i> , you can optionally load requisitions as unapproved and use the document approval functionality in Oracle Purchasing.
INV:Updatable Customer Item	Indicates whether you can change the customer item number.

10SC Production Release 13–15

The following profile option changes were made between Release 10.7 of Oracle Applications and 10SC Production Release 15.

New Profile Options

INV:Transaction Date Validation	Governs whether you can enter past dates in transactions
TP:Server Side Online Processing	Indicates whether Inventory and Work-in-Process transactions using on-line processing are processed on the server or client side.

Oracle Master Scheduling/MRP and Supply Chain Planning

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Master Scheduling/MRP and Supply Chain Planning and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to determine which part(s) of the new features or changed topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section contains a list of the new features added to Oracle Master Scheduling/MRP and Supply Chain Planning between Release 10SC Production 16.1 and Release 11 and describes the changes made to modules, database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Master Scheduling/MRP and Supply Chain Planning between 10SC Production 16.1 and Release 11.

Production Planning

Plan at the level of the product family.

Kanban Planning

Determine optimal kanban quantities for continuous flow manufacturing.

Online Capacity

Plan capacity and material simultaneously, and view both within the Planner Workbench.

Capable to Promise

Extends Available to Promise by taking into account capacity information.

Supply Chain Available to Promise (ATP)

View the ATP date for each possible supply source for an order line, ship set, or configuration.

Modules

Reports and Processes

The following new programs have been added to support Standard Report Submission (i.e., Registered Concurrent Program):

- Kanban Planner
- CRP Routing–based Report (Supply Chain Planning)
- CRP Rate–based Report (Supply Chain Planning)
- RCCP Routing–based Report (Supply Chain Planning)
- RCCP Rate–based Report (Supply Chain Planning)

New Windows

Line Scheduling Workbench (Beta)

Added to view scheduled orders and to create, sequence, schedule, and maintain assignments of production lines.

ATP Resource Supply

Added to view each possible supply source for the Supply Chain Available to Promote feature.

Define Scheduling Rules

This window sets Line Scheduling Workbench definitions.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Tables

Added to support the Online Capacity feature:

- CRP_AVAILABLE_RESOURCES
- CRP_PLANNED_RESOURCES

Added to support the Kanban Planning feature:

- MRP_KANBAN_DEMAND
- MRP_KANBAN_PLANS

Added to support line scheduling.

- MRP_SCHEDULING_RULES

Changed Tables

The following section lists changes made to support the Online Capacity feature:

MRP_BOM_COMPONENTS	
New Column	ALTERNATE_BOM_DESIGNATOR

MRP_EXCEPTION_DETAILS	
New Columns	LINE_ID
	DEPARTMENT_ID
	RESOURCE_ID

MRP_FORECAST_DATES	
New Column	LINE_ID

MRP_FORECAST_INTERFACE	
New Column	LINE_ID

MRP_ITEM_EXCEPTIONS	
New Columns	INVENTORY_ITEM_ID (changed to NULL)
	DEPARTMENT_ID
	RESOURCE_ID
	LINE_ID

MRP_ITEM_WIP_ENTITIES	
New Columns	SCHEDULE_GROUP_ID
	BUILD_SEQUENCE
	LINE_ID
	ALTERNATE_ROUTING_DESIGNATOR
	ALTERNATE_BOM_DESIGNATOR

The following new columns support the Kanban Planning feature:

MRP_LOW_LEVEL_CODES	
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New Columns	PLAN_ID
	ASSEMBLY_ITEM_ID
	TO_SUBINVENTORY
	TO_LOCATOR_ID
	COMPONENT_ITEM_ID
	FROM_INVENTORY_ID
	FROM_LOCATOR_ID
	COMPONENT_USAGE
	COMPONENT_YIELD
	OPERATION_YIELD
	SUPPLY_SOURCE_TYPE
	REPLENISHMENT_LEAD_TIME
	SELECTED_FLAG
	NET_PLANNING_PERCENT
	ALTERNATE_DESIGNATOR
	KANBAN_ITEM_FLAG
	COMPILE_DESIGNATOR
INVENTORY_ITEM_ID	

MRP_PLANS	
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New Columns	SIMULATION_SET
	BILL_OF_RESOURCES
	PLAN_CAPACITY_FLAG

MRP_PLAN_ORGANIZATIONS	
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New Columns	SIMULATION_SET
	BILL_OF_RESOURCES

MRP_PLANNED_RESOURCE_REQS	
New Columns	SOURCE_ITEM_ID
	ALTERNATE_ROUTING_DESIGNATOR
	SETBACK_DAYS
	LINE_ID
MRP_PLANNING_EXCEPTION_SETS	
New Columns	OVER_UTILIZED_PERCENT
	UNDER_UTILIZED_PERCENT
	RESOURCE_SHORTAGE_TYPE
	RESOURCE_EXCESS_TYPE
MRP_RECOMMENDATIONS	
New Columns	BUILD_SEQUENCE
	SCHEDULE_GROUP_ID
	IMPLEMENT_ALTERNATE_BOM
	IMPLEMENT_ALTERNATE_ROUTING
	IMPLEMENT_LINE_ID
	SOURCE_ITEM_ID
	ALTERNATE_ROUTING
	ALTERNATE_BOM
MRP_RESOURCE_PLAN	
New Column	SOURCE_ITEM_ID

The following section lists database tables with columns that have been resized for this release.

Table Name	Column Name	New Size
MRP_AUDIT_SQL_STATEMENTS	DETAIL_WARNING	400
	SUMMARY_WARNING	300
	DESCRIPTION	150
MRP_SELECTION_CRITERIA	FROM_FIELD	250
	TO_FIELD	250
	HIDDEN_FROM_FIELD	250
MRP_AMONG_VALUES	OR_VALUES	250
	HIDDEN_VALUES	250
MRP_SUG_REP_SCHEDULES		
New Column	SOURCE_ITEM_ID	
MRP_WIP_RESOURCES		
New Columns	WIP_JOB_TYPE	
	INVENTORY_ITEM_ID	
MRP_WORKBENCH_DISPLAY_OPTIONS		
New Columns	CRP_AVAILABLE_RATE	
	CRP_CAPACITY_UTILIZATION	
	CRP_CUM_AVAILABLE_RATE	
	CRP_CUM_CAPACITY_UTILIZATION	
	CRP_CUM_HOUR_AVAILABLE	
	CRP_CUM_RATE_CAPACITY_UTIL	
	CRP_CUM_ROUTING_CAPACITY_UTIL	
	CRP_CUM_SUM_OF_CHANGES	
	CRP_DAILY_AVAILABLE_RATE	
	CRP_DAILY_REQUIRED_RATE	

MRP_WORKBENCH_DISPLAY_OPTIONS	
	CRP_DECIMAL_PLACES
	CRP_DISCRETE_JOBS
	CRP_DISPLAY_FACTOR
	CRP_FIELD_WIDTH
	CRP_HOUR_AVAILABLE
	CRP_HOURS_AVAIL_PER_DAY
	CRP_HOURS_REQUIRED_PER_DAY
	CRP_LINE_COST
	CRP_NET_AVAILABLE_RATE
	CRP_NET_HOUR_AVAILABLE
	CRP_NON-STD_JOB_ORDERS
	CRP_PLANNED_ORDERS
	CRP_RATE_CAPACITY_UTIL
	CRP_REPETITIVE_SCHEDULES
	CRP_REQUIRE_HOURS
	CRP_REQUIRED_RATE
	CRP_RESOURCE_COST
	CRP_ROUTING_CAPACITY_UTIL
	CRP_SUM_CAPACITY_CHANGES
MRP_SCHEDULE_DATES	
New Column	LINE_ID
MRP_SCHEDULE_INTERFACE	
New Column	LINE_ID
MTL_SYSTEM_ITEMS	
New Column	PRODUCT_FAMILY_ITEM_ID

New Views

Added to support the Capable to Promise feature:

- MRP_ATP_V
- MRP_ITEM_ATP_V
- MRP_ITEMS_ALL_V
- MRP_PF_ATP_ITEMS_ALL_V
- MRP_PF_ATP_V
- MRP_ATP_ITEMS_RESOURCE_V

Added to support the Online Capacity feature:

- CRP_AVAILABLE_RESOURCES_V
- CRP_RESOURCE_REQUIREMENTS_V
- CRP_PLANNED_RESOURCES_V

Added to support the Kanban Planning feature:

- MRP_KANBAN_COMPARISON_V
- MRP_KANBAN_DEMAND_V
- MRP_KANBAN_DETAILS_V
- MRP_KANBAN_PLANS_V

The MRP_PF_DEMAND_V has been added to support the Production Planning feature.

Added to support the Supply Chain ATP feature:

- MRP_SCATP_ITEM_SR_LEVELS_V
- MRP_SCATP_SOURCES_V
- MRP_SCATP_SUPPLY_SOURCES_V

The MRP_SCHEDULING_RULES_V has been added to support the Line Scheduling project.

Added to support the project:

- MRP_CUSTOMER_SITES_V
- MRP_PROJECT_V

Added to support Web Inquiries:

- MRP_WEB_ENTERPRISE_V

- MRP_WEB_HORIZONTAL_PLAN_V
- MRP_WEB_PLANNED_SUPPLY_V
- MRP_WEB_PLAN_ITEMS_V

Changed Views

Changed to support the Online Capacity feature:

- MRP_ORDER_SC_V
- MRP_PLAN_PARAMETERS_V
- MRP_PLAN_ORGS_V
- MRP_PLAN_ORGANIZATIONS_V
- MRP_PLANS_SC_V
- MRP_WIP_JOBS_VIEW

Changed to support the Kanban Planning feature:

- MRP_FORECAST_DATES_V
- MRP_SCHEDULE_DATES_V
- MRP_SCHEDULE_ITEM_DATES_V

Changed to support the Capable to Promise feature:

- MTL_GROUP_ATPS_VIEW
- MTL_GROUP_ITEM_ATPS_VIEW

Changed to support the Supply Chain ATP feature:

- MRP_ITEM_SOURCING_LEVELS_V
- MRP_SOURCES_V

Changed in this release:

- MRP_BOD_TASK_SR__LEVELS_V
- MRP_COMPONENTS_SC_V
- MRP_EXCEPTION_DETAILS_V
- MRP_EXCEPTION_SUMMARY_V
- MRP_FORECAST_DATES_V
- MRP_ITEM_EXCEPTION_V
- MRP_ITEM_SOURCING_LEVELS_V
- MRP_ONHAND_QUANTITIES_SC_V

- MRP_ORDERS_SC_V
- MRP_PLANNING_EXCEPTION_SETS_V
- MRP_PLAN_ORGS_V
- MRP_PLANS_SC_V
- MRP_PLAN_PARAMETERS_V
- MRP_PLAN_ORGANIZATIONS_V
- MRP_PO_SUPPLY_VIEW
- MRP_SCHEDULE_DATES_V
- MRP_SCHEDULE_ITEM_DATES_V
- MRP_SO_UPDATES_SUMMARY_V
- MRP_SOURCES_V
- MRP_USING_ASSEMBLIES_SC_V
- MRP_WIP_JOBS_V

New Indexes

- CRP_AVAILABLE_RESOURCES_N1
- CRP_AVAILABLE_RESOURCES_N2
- MRP_EXCEL_U1
- MRP_EXCEL_COMPONENTS_N1
- MRP_KANBAN_PLANS_U1
- MRP_KANBAN_PLANS_U1
- MRP_KANBAN_DEMAND_N1
- MRP_KANBAN_DEMAND_U1
- MRP_LOW_LEVEL_CODES_N1
- MRP_LOW_LEVEL_CODES_N2
- CRP_PLANNED_RESOURCES_N1
- CRP_PLANNED_RESOURCES_N2
- MRP_SCHEDULING_RULES_U1
- MRP_SCHEDULING_RULES_U2
- MRP_SR_ASSIGNMENTS_1
- MRP_SR_ASSIGNMENTS_N2

Changed Indexes

Changed to support the Online Capacity feature:

- MRP_BOM_COMPONENTS_U1
- MRP_LOW_LEVEL_CODES_N1
- MRP_PLANNED_RESOURCE_REQS_U1
- MRP_RECOMMENDATIONS_N2

New Sequences

- MRP_KANBAN_PLANS_S
- MRP_SCHEDULING_RULES_S

Seed Data

The following seed data were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

List of Values (QuickCodes)

The following lookup types have been created:

- MRP_EXCEPTION_TYPE
- MRP_SNAPSHOT_DELETE_TASK

New Menus

- Define Scheduling Rules
- Kanban Planning

New Responsibilities

- Distribution Planner

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

MRP:ATP Assignment Set

Indicate the name of the assignment set to use for Supply Chain ATP. You can update this profile at the site level.

Obsolete Profile Options

- MRP:Enhanced Exception
- MRP:Combine Suggested Repetitive Schedules
- MRP:New Planner Backward Compatibility
- MRP:Planner Batch Size
- MRP:Planner Workers
- MRP:OLP
- MRP:DEFAULT CRITERIA SET

Production Release 10SC Features and Changes

This section contains an overview of the enhancements made to Oracle Master Scheduling/MRP and Supply Chain Planning. It describes the features and changes between Production 1 and Production 15, as well as those that are new in Production Release 16, Production Release 16.1, and Release 11.

New Features

The new features for Oracle Master Scheduling/MRP and Supply Chain Planning are divided by release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16.1

This section lists the enhancements made to Oracle Master Scheduling/MRP and Supply Chain Planning between 10SC Production 16 and Production 16.1.

Copy Plan (Beta)

Using a generated MPS, MRP, or DRP plan, you can make an identical copy and then view, implement, and replan either copy, discarding the altered plan at any time and preserving the original data.

Enhanced Exceptions Messages (Beta)

There are 10 new exception messages, which allow you to identify more planning problems and make effective planning decisions. You can also save and compare the messages generated by each planning run.

Online Planner (Beta)

Replan manual changes to supply and demand, without increasing database traffic. After starting the online planner, you can use the Planner Workbench to make changes to supply/demand data, then replan the changes to see their effect on the rest of the plan. You can then implement and release your changes from within the session.

Project and Seiban MRP (Beta)

You can plan in a project or contract environment by segmenting all sources of supply and demand by project. This allows the planning process to identify components as shared or project-specific, track existing inventories by project, and provide visibility to all supply and demand associated with a project.

Project MRP is completely integrated with Oracle Projects, to offer a comprehensive project manufacturing solution, but it can also work in isolation to support Seiban manufacturing methods.

Supplier Planned Inventories (Beta, Supply Chain Planning only)

You can integrate supplier and customer inventory information with that of manufacturing and distribution organizations. This gives you an overall picture of the supply chain, including advanced warning of stock outs, abnormal swings in demand, and capacity problems.

10SC Production Release 16

This section lists the enhancements made to Oracle Master Scheduling/MRP and Supply Chain Planning between 10SC Production 15 and Production 16.

Add Firm Planned Orders for MPS Items

You can now modify or add an order for an MPS Planned item in the Planner Workbench for MPS plans generated with the Memory-based Planning Engine.

Phantom Bills of Material

With the Memory-based Planning Engine, the planning process can determine if an item is a phantom bill (phantom assembly), then blow through the phantom to create planned orders or suggested repetitive schedules for component items.

10SC Production Releases 1–15

This section lists the enhancements made to Oracle Master Scheduling/MRP and Supply Chain Planning since it was included as a Release 10SC Production product in Production 3.

Memory-based Planning Engine

Manages all the processes that constitute a complete planning run. It utilizes a high-degree of concurrency among the snapshot tasks, eliminates nonvalue-added operations, and combines related tasks into a single task. The new architecture moves long-running tasks, such as deleting previous planning data and loading snapshot data, into the MRP snapshot tables out of the critical path. It also utilizes greater interprocess communication to manage all the planning tasks.

The Memory-based Planning Engine plays a significant role in several functions of Oracle Master Scheduling/MRP and Supply Chain Planning. In some cases, the performance of functions and procedures is enhanced by the engine. In other cases, you can perform functions and procedures only for current plans that were generated with the engine. These functions and features are as follows:

Auto-release Planned Orders

Instead of implementing and releasing planned orders manually, you can enable the planning process to *automatically* release planned orders. During the planning run, all qualifying planned orders that fall within the release time fence will be released. Unlike a manual release, you cannot modify order dates and quantities or the default implementation details.

Auto-release for WIP jobs is not applicable for repetitively planned items. No material availability check is performed before WIP jobs are released.

Byproduct Planning

Define negative usages for component items on a bill of material in Oracle Bills of Material. You can add negative requirements (byproducts) to discrete jobs using Oracle Work in Process.

- Standard Planning Engine

Ignores negative requirements on standard discrete jobs and components with a negative usage on a bill of material when you net supply and demand.

- Memory-based Planning Engine

Includes negative requirements on standard and non-standard discrete jobs and components with a negative usage on a bill of material when you net supply and demand. The Memory-based Planner considers this type of component requirement as supply available on the job completion date.

Comparing Current and Snapshot Data

View supply and demand data in one of two ways:

- Snapshot data, which presents a picture of the *original* data as of the last planning run.
- Current data, which is the original data plus any changes that have been made.

From the Horizontal Plan window, you can view not only the snapshot supply/demand information, but also the current status of supply/demand while implementing planned orders at any time.

Supply Chain Planning users can also compare snapshot and current data from the Enterprise View window.

Full Pegging

Use the full pegging feature to analyze the impact of changing a supply or demand order at any level of your bill of material. Full pegging traces supply information for an item to its corresponding end demand details. Full pegging can also link a demand order to all corresponding supply.

Supply information includes work orders, purchase orders, planned orders, and safety stock. *Demand information* includes sales orders, forecasts, and manual master demand schedules.

In full pegging, supply information is pegged to all higher level demands, up to and including the top level assembly. In single-level pegging, supply information is pegged only to the demand at its immediate next highest level.

Graphical Display of Planning Data

Generate an Excel workbook for the current or snapshot supply/demand information of one or more items. The workbook contains all horizontal plan data for the selected item. Three charts are automatically generated:

- Total supply and demand detail, rendered in parallel columns
- Total supply detail, rendered in stacked columns
- Total demand detail, rendered in stacked columns

Net Change Replan

You can use Planner Workbench to replan manual changes to specific items, the addition of new items, items whose supply or demand schedules change, and all items affected by those changes. Net Change Replan replans modified items in the current plan and does not rerun the entire planning process. This allows you to replan your changes in a fraction of the time it would take to run a fresh plan.

Replanning is based on the snapshot data gathered during the original planning run, including item, bill of material, and sourcing information (if you are a Supply Chain Planning user). Because the replan does not update this information with new transactions, you can maintain sets of alternative scenarios, examine the effects of different changes, and implement the changes that best meet your business requirements.

Phantom Assembly Planning

When you implement planned orders for the parent of a phantom, Oracle Work in Process blows through the phantom and creates requirements for its components, ignoring any on-hand quantities of the phantom. Typically you set the lead time of the phantom to zero to avoid any additional lead time offset for the components.

Under the Standard Planning Engine, Oracle Master Scheduling/MRP and Supply Chain Planning treats phantoms like normal bills, planning the assembly and its components. Phantoms are determined by the item attribute WIP Supply Type.

Under the Memory-based Planning Engine, Oracle Master Scheduling/MRP and Supply Chain Planning uses the bill of material attribute to determine a phantom. Instead of passing the parent's planned orders to the phantom, netting the phantom and passing requirements to the phantom's components, the engine blows through the phantom to create component planned orders.

Supply Chain Planning

This powerful tool integrates manufacturing and distribution into a single planning process. With Oracle Supply Chain Planning, you can generate plans that include the entire supply chain, from suppliers to customers. In a single step you can schedule and plan material and distribution requirements for multiple organizations, or centrally plan the entire enterprise.

Oracle Supply Chain Planning lets you plan finished products, as well as intermediate assemblies and purchased items, for all facilities in your supply chain. Material plans for feeder plants and distribution centers automatically consider requirements originating from any number of other facilities. You can load planned order demand from multiple using-organizations into the master demand schedule of supplying organizations. You specify the using organizations when you load a master schedule.

In addition to planning the material requirements of your supply chain, you can plan the requirements for your distribution network. This includes all warehouses, distribution centers, and any locations that ship products. You can use these distribution requirements plans (DRPs) as input for your material plans.

You can combine centralized distribution and material planning, for items with significant interorganization supply or demand, with decentralized planning where you prefer autonomous, local planning. Output from the central plan can go into plant-level material plans and vice versa.

Oracle Supply Chain Planning gives you a transparent view of the virtual enterprise, where all inventory locations participate in your bill of materials.

With Oracle Supply Chain Planning, you can:

- Configure your supply chain
- Determine a sourcing strategy for all your items and organizations
- Consolidate demand statements across many organizations
- Use supply statements from many organizations in your overall supply chain
- Simultaneously plan for the material requirements of all or multiple organizations in your supply chain
- View exception messages for a consolidated supply chain material plan

- Use a graphical pegging display to directly identify the end customer orders impacted by shortages of items at any level in the supply chain
- Replan changes to customer order dates or supply schedules and replan material requirements
- Review updated exception messages to verify that your simulated changes resolve supply or demand problems
- Use a graphical display to visualize your supply chain
- Analyze supply and demand records across multiple organizations in the Supply Chain Planner Workbench
- Support to create internal requisitions

Modules

10SC Production Release 16

New Windows

Online Planner Status

Supports Online Planner in a future release

Planning Group QuickCodes

Supports project manufacturing in a future release.

Changed Windows

Planner Workbench

A new region (Net Change Replan) replaces the Net Change Replan button,

Project Manufacturing Support

To support project manufacturing in a future release, Oracle Master Scheduling/MRP and Supply Chain Planning has added fields related to project manufacturing in the following windows:

Window	Fields added
Assign Project Parameters	Project Number, Planning Group, Costing Group, WIP Acct Class, Seiban Number Flag, Project Name. Also new button: New.
Define Seiban Numbers	Seiban Number, Seiban Name, Operating Unit. Also new buttons: New and Parameters.
Item Forecast Entries	Project Number, Task Number.
Item Master Demand Schedule Entries	Project Number, Task Number.
Item Master Production Schedule Entries	Project Number, Task Number.
Plan Options	New region and check box Pegging with two fields: Reservation Level and Hard Pegging Level.
Plan Status	New region and check box Pegging with two fields: Reservation Level and Hard Pegging Level.
Supply/Demand	Project Number, Task Number.
Implement Property Sheet	Project Number, Task Number.
Horizontal Plan	New pop list that displays the material plan in horizontal buckets for a single task, project, planning group, or common supply.
Enterprise View	New pop list that displays the multi-plant material plan in horizontal buckets for a single task, project, planning group, or common supply
Project On Hand	Item, Org, Quantity, Subinventory, Project Number, Task Number.
Full Pegging (Object Navigator)	Project Number, Task Number.
Special Menu	Onhand.

Notes

- All project and task related functionality requires plans generated with the Memory-based Planning Engine.
- In the Supply/Demand windows, all project and task references are disabled if the plan was generated with the Standard Planning Engine.
- You cannot update project and task numbers when implementing planned orders as purchase requisitions or repetitive schedules.

New Reports and Processes

Added to support the online planner feature:

- Online Planner (MRPCOLP)
- Online Planner Delete Worker (MRPCODW)

Added to support the copy plan feature:

- Copy DRP Plan (MRCCPP4)
- Copy MRP Plan (MRCCPP)
- Copy MPS Plan (MRCCPP2)
- Copy Supply Chain MRP Plan (MRCCPP1)
- Copy Supply Chain MPS Plan (MRCCPP3)

The Copy Plan (MRCCPP) executable was added to support the copy plan feature.

The following programs, added in Release 10.7, were implemented to support Oracle Supply Chain Planning

- Auto-release planned orders
- Launch DRP/Supply Chain Planning processes
- Launch MPS/Supply Chain Planning processes
- Launch MRP/Supply Chain Planning processes

Database Object Changes

The following database objects have been added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1

10SC Production Release 16.1

This section lists the changes made between 10SC Production 16 and 10SC Production 16.1.

New Tables

Added in Release 10.7, these tables support Oracle Supply Chain Planning features:

- MRP_ASSIGNMENT_SETS
- MRP_DESIGNATORS

- MRP_ITEM_SOURCING
- MRP_MATERIAL_PLANS
- MRP_PLAN_ORGANIZATIONS
- MRP_PLAN_SCHEDULES
- MRP_PLANS
- MRP_SOURCING_RULES
- MRP_SCHEDULE_DESIGNATORS
- MRP_SR_ASSIGNMENTS
- MRP_SR_RECEIPT_ORG
- MRP_SR_SOURCE_ORG
- MRP_SYSTEM_ITEMS
- MRP_WIP_RESOURCES

Added to support the addition of a new operator in the Find Items, Find Supply/Demand, and Find Exceptions windows:

- MRP_AMONG_VALUES

Changed in Release 10.7, these tables support the project MRP feature:

- MRP_AGGREGATE_RATES
- MRP_FORECAST_DATES
- MRP_FORECAST_INTERFACE
- MRP_FULL_PEGGING
- MRP_RELIEF_INTERFACE
- MRP_REPETITIVE_SCHEDULES
- MRP_RESERVATIONS
- MRP_SCHEDULE_DATE
- MRP_SCHEDULE_INTERFACE
- MRP_SUGG_REP_SCHEDULES

Changed in Release 10.7, these tables support the project MRP feature and Oracle Supply Chain Planning:

- MRP_GROSS_REQUIREMENTS
- MRP_RECOMMENDATIONS

Added in 10SC Production 16, these tables support the project MRP feature:

- MRP_ONHAND_QUANTITIES
- MRP_PROJECT_PARAMETERS
- MRP_SEIBAN_NUMBERS

Changed in 10SC Production 16, these tables support the project MRP feature:

- MRP_ITEM_EXCEPTIONS
- MRP_ITEM_PURCHASE_ORDERS
- MRP_ITEM_WIP_ENTITIES
- MRP_PLANS
- MRP_RECOMMENDATIONS
- MRP_RESERVATIONS
- MRP_WIP_COMPONENTS
- MRP_RELIEF_INTERFACE
- MRP_SR_SOURCE_ORG
- MRP_WIP_COMPONENTS

Changed in 10SC Production 16, these tables support the supplier planned inventories feature.

- MRP_SR_ASSIGNMENTS

Changed in 10SC Production 16, these tables support the supplier planned inventories feature.

- MRP_EXCEPTION_DETAILS

Changed Tables

These new columns support the copy plan feature:

MRP_FILES	
New Columns	COPY_FLAG
	ROW_COUNT

These new columns support the enhanced exception messages feature.

MRP_FULL_PEGGING	
New Column	END_ORIGINATION_TYPE

These new columns support the enhanced exception messages feature:

MRP_ITEM_EXCEPTIONS	
New Columns	PLANNING_GROUP
	VERSION

These new columns support the full pegging feature.

MRP_ONHAND_QUANTITIES	
New Column	TRANSACTION_ID

This new column supports the enhanced exception messages feature.

MRP_SELECTIN_CRITERIA	
New Column	COUNT_BY

New Views

Added to support the enhanced exception messages feature:

- MRP_EXCEPTION_DETAILS_V
- MRP_EXCEPTION_SUMMARY_V

Changed Views

- MRP_FORECAST_UPDATES_V
- MRP_ITEM_EXCEPTIONS_V
- MRP_PO_SUPPLY_V
- MRP_SO_UPDATES_SUMMARY_V
- MRP_SR_SOURCE_V
- MRP_WIP_JOBS_VIEW

Changed in Release 10.7, these views support the enhanced exceptions feature:

- MRP_ITEM_EXCEPTIONS,

Added in Release 10.7, these views were implemented to support the memory-based planning engine:

- MRP_FLP_DEMAND_SUPPLY_V2
- MRP_FLP_END_DEMAND_V
- MRP_FLP_ONHAND_V
- MRP_FLP_SUPPLY_DEMAND_V
- MRP_FLP_SUPPLY_DEMAND_V2

Added in Release 10.7, these view were implemented to support Oracle Supply Chain Planning:

- MRP_BOD_TASK_SR_LEVELS_V
- MRP_COMPONENTS_SC_V
- MRP_ITEM_SOURCING_LEVELS_V
- MRP_ITEM_SOURCING_V
- MRP_ITEM_SOURCING_V
- MRP_ITEM_TASK_SR_LEVELS_V
- MRP_LAST_PLAN_ORGS_V
- MRP_ORDERS_SC_V
- MRP_ORGANIZATIONS_V
- MRP_PLANS_SC_V
- MRP_PLAN_ORGANIZATIONS_V
- MRP_PLAN_ORGS_V
- MRP_PLAN_SCHEDULES_V
- MRP_SCHEDULE_DESIGNATORS_V
- MRP_SC_BILL_BOM_V
- MRP_SC_BILL_MAKE_AT_V
- MRP_SC_BILL_SF_V
- MRP_SC_BILL_V
- MRP_SC_BILL_WU_V

- MRP_SRS_ORG_SELECT_PLAN_V
- MRP_SRS_ORG_SELECT_SCHED_V
- MRP_SR_ASSIGNMENTS_V
- MRP_SR_RECEIPT_ORG_V
- MRP_SR_SOURCE_ORG_V
- MRP_SR_VIEW_EXP_V
- MRP_SR_VIEW_MAKE_AT_V
- MRP_SR_VIEW_REC_V
- MRP_SR_VIEW_V
- MRP_SYSTEM_ITEMS_SC_V
- MRP_USING_ASSEMBLY_SC_V
- MRP_WORKBENCH_MESSAGES_SC_V
- MRP_PLAN_SCHED_V
- ORGANIZATION_SELECTION

Changed in Release 10.7, this view was added in 10SC Production 16.1.

- MRP_DESIGNATORS_V

Added in 10SC Production 16, these views have been implemented to support the project MRP feature:

- MRPPA_PROJECTS_V
- MRP_PROJECT_PARAMETERS_V
- MRP_SEIBAN_NUMBERS_V
- MRP_ONHAND_QUANTITIES_SC_V

Added in 10SC Production 16, these views have been implemented to support the supplier planned inventories feature:

- MRP_CUST_SUP_ORG_V

Added in 10SC Production 16, these views were also implemented:

- MRP_PLAN_SCHED_V
- MRP_ITEM_LOT_QUANTITIES_V
- MRP_ORG_QUANTITY_V
- MRP_TEMP_QUANTITY_V

Changed in 10SC Production 16, these views were implemented in Release 10SC Production 16.1:

- MRP_FORECAST_DATES_V
- MRP_CRP_STATUS_V
- MRP_PLAN_PARAMETERS_V
- MRP_FLP_ONHAND_V
- MRP_FLP_END_DEMAND_V
- MRP_FLP_END_DEMAND2_V
- MRP_FLP_SUPPLY_DEMAND_V
- MRP_FLP_SUPPLY_DEMAND_V2
- MRP_FLP_DEMAND_SUPPLY_V
- MRP_FLP_DEMAND_SUPPLY_V2
- MRP_SCHEDULE_DATES_V
- MRP_SCHEDULE_ITEM_DATES_V
- MRP_WIP_JOBS_VIEW
- MRP_SR_RECEIPT_ORG_V
- MRP_SR_ASSIGNMENTS_V
- MRP_SR_SOURCE_ORG_V
- MRP_PLANS_SC_V
- MRP_SYSTEM_ITEMS_SC_V
- MRP_ORDERS_SC_V
- MRP_SC_BILL_SF_V
- MRP_SC_BILL_WU_V
- MRP_SC_BILL_MAKE_AT_V
- MRP_SC_BILL_V
- MRP_SC_BILL_BOM_V
- MRP_WORKBENCH_MESSAGES_SC_V

New Indexes

The following indexes, added in Release 10.7, have been implemented to support Oracle Supply Chain Planning:

- MRP_ASSIGNMENT_SETS_U1
- MRP_ASSIGNMENT_SETS_U2
- MRP_ITEM_SOURCING_N1
- MRP_PLAN_ORGANIZATIONS_U1
- MRP_PLAN_SCHEDULES_U1
- MRP_SOURCING_RULES_U1
- MRP_SOURCING_RULES_U2
- MRP_SR_ASSIGNMENTS_N1
- MRP_SR_ASSIGNMENTS_U1
- MRP_SR_ASSIGNMENTS_U2
- MRP_SR_RECEIPT_ORGF_U2
- MRP_SR_RECEIPT_ORG_U1
- MRP_SR_SOURCE_ORG_U1
- MRP_SR_SOURCE_ORG_U2

Added in 10SC Production 16, these indexes were implemented to support the project MRP feature:

- MRP_SEIBAN_NUMBERS_U1
- MRP_PROJECT_PARAMETERS_U1

New Sequences

MRP_SR_ASSIGNMENTS_U2, added in 10SC Production 16, has been implemented to support the supplier planned inventories feature:

API Changes

The following PL/SQL packages and procedures, added in Release 10.7, were implemented to support the memory-based planning engine and Oracle Supply Chain Planning:

- MRP_EXCEPTIONS_SC_PK
- MRP_HORIZONTAL_PLAN_SC
- MRP_RELEASE_PLAN_SC
- MRP_UPDATE_PLAN_OPTIONS_PK
- MRP_WB_BUCKET_DATES_SC

New Sequences

The following sequences, added in Release 10.7, were implemented to support the memory-based planning engine and Oracle Supply Chain Planning:

- MRP_ASSIGNMENT_SETS_S
- MRP_SOURCING_RULES_S
- MRP_SRS_RECEIPT_ORG_S
- MRP_SRS_SOURCE_ORG_S
- MRP_SR_ASSIGNMENTS_S

10SC Production Release 16

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.

New Tables

Created to support graphical display of planning data:

- MRP_EXCELS
- MRP_EXCEL_COLUMNS
- MRP_EXCEL_COMPONENTS

Created to support the Project Onhand window in a future release:

- MRP_ONHAND_QUANTITIES

Created to support enhanced exception messages in a future release:

- MRP_EXCEPTION_DETAILS

Created to support project manufacturing in a future release:

- MRP_SEIBAN_NUMBERS
- MRP_PROJECT_PARAMETERS

New Views

Created to support project manufacturing in a future release:

- MRPPA_PROJECTS_V
- MRP_PROJECT_PARAMETERS_V
- MRP_SEIBAN_NUMBERS_V

Created to support the Project Onhand window a future release:

- MRP_ONHAND_QUANTITIES_SC_V

Created to support Supplier Planned Inventories in a future release:

- MRP_CUST_SUP_ORG_V

The following new views were created:

- MRP_PLAN_SCHED_V
- MRP_ITEM_LOT_QUANTITIES_V
- MRP_ORG_QUANTITY_V
- MRP_TEMP_QUANTITY_V

New Indexes

Created to support project manufacturing in a future release:

- MRP_SEIBAN_NUMBERS_U1
- MRP_PROJECT_PARAMETERS_U1

Created to improve performance:

- MRP_SCHEDULE_DATES_N5
- MRP_FORECAST_DATES_N2

Changed Tables

Contains information on display preferences in the planner workbench.

The following new columns were added:

MRP_WORKBENCH_DISPLAY_OPTIONS	
New Columns	GROUP_BY_CODE
	JOB_CLASS_CODE
	SUMMARY_EXP_LOT
	IND_DEMAND_TYPE
	SOURCE_LIST

This table contains information that controls find block functionality.

The following new columns enhance find block functionality:

MRP_CRITERIA	
New Columns	LOV_TYPE
	LONG_LIST

This table contains information on item exception messages. The following new columns support exception message enhancement for project manufacturing in a future release:

MRP_ITEM_EXCEPTIONS	
New Columns	PROJECT_ID
	TASK_ID

MRP_ITEM_PURCHASE_ORDERS	
New Column	PLANNING_GROUP

This table stores a copy of all active discrete jobs. The following new column supports project manufacturing in a future release.

MRP_ITEM_WIP_ENTITIES	
New Column	PLANNING_GROUP

The following new columns support project manufacturing in a future release. Stores the settings that determine the behavior of the planning process for a given plan name.

MRP_PLANS	
New Columns	CURR_RESERVATION_LEVEL
	RESERVATION_LEVEL
	CURR_HARD_PEGGING_LEVEL
	HARD_PEGGING_LEVEL

This table stores Oracle Master Scheduling/MRP and Supply Chain Planning suggestions for a given plan. The following new columns support project manufacturing in a future release:

MRP_RECOMMENDATIONS	
New Columns	PLANNING_GROUP
	IMPLEMENT_PROJECT_ID
	IMPLEMENT_TASK_ID

The following new columns support Oracle Automotive in a future release:

- IMPLEMENT_SCHEDULE_GROUP_ID
- IMPLEMENT_BUILD_SEQUENCE

This table stores information regarding material reservations from the inventory system. The new column PLANNING_GROUP supports project manufacturing in a future release.

MRP_RESERVATIONS	
New Column	PLANNING_GROUP

This table stores information on component requirements for discrete jobs, repetitive schedules and nonstandard jobs. The new column PLANNING_GROUP supports project manufacturing in a future release.

MRP_WIP_COMPONENTS	
New Column	PLANNING_GROUP

This table stores information used for master schedule relief. The following new columns support project manufacturing in a future release:

MRP_WIP_INTERFACE	
New Columns	PROJECT_ID
	TASK_ID
	OLD_PROJECT_ID
	OLD_TASK_ID

This table stores information used for sourcing rule assignments in Supply Chain Planning. The following new columns support Supplier Planned Inventories in a future release:

MRP_SR_ASSIGNMENTS	
New Columns	CUSTOMER_ID
	SHIP_TO_SITE_ID

This table stores information used for sourcing rules in Supply Chain Planning. The following new columns support project manufacturing in a future release:

MRP_SR_SOURCE_ORG	
New Columns	PROJECT_ID
	TASK_ID

Changed Views

- MRP_FORECAST_DATES_V
- MRP_CRP_STATUS_V
- MRP_PLAN_PARAMETERS_V
- MRP_FLP_ONHAND_V
- MRP_FLP_END_DEMAND_V
- MRP_FLP_END_DEMAND2_V
- MRP_FLP_SUPPLY_DEMAND_V
- MRP_FLP_SUPPLY_DEMAND_V2
- MRP_FLP_DEMAND_SUPPLY_V
- MRP_FLP_DEMAND_SUPPLY_V2
- MRP_SCHEDULE_DATES_V
- MRP_SCHEDULE_ITEM_DATES_V
- MRP_WIP_JOBS_VIEW
- MRP_SR_RECEIPT_ORG_V
- MRP_SR_ASSIGNMENTS_V

- MRP_SR_SOURCE_ORG_V
- MRP_PLANS_SC_V
- MRP_SYSTEM_ITEMS_SC_V
- MRP_ORDERS_SC_V
- MRP_SC_BILL_SF_V
- MRP_SC_BILL_WU_V
- MRP_SC_BILL_MAKE_AT_V
- MRP_SC_BILL_V
- MRP_SC_BILL_BOM_V
- MRP_WORKBENCH_MESSAGES_SC_V

Changed Index

MRP_SR_ASSIGNMENTS_U2 was modified.

Modules

10SC Production Release 16

New Windows

The Online Planner Status window, added in 10SC Production 16.1, has been implemented to support the online planner feature.

Added to support a future release.

- Assign Project Parameters
- Find Project Parameters
- Project Onhand
- Define Seiban Numbers
- Online Planner Status

Added to support the enhanced exception messages feature:

- Exception Detail
- Exception Summary
- Find Exceptions

Added to support the copy plan feature:

- Launch DRP Copy Plan
- Launch MPS Copy Plan
- Launch MRP Copy Plan
- Launch Supply Chain MPS Copy Plan
- Launch Supply Chain MRP Copy Plan

The Among window has been added to support the addition of the among operator in MRP find windows.

Changed Windows

- Horizontal Plan
- Planner Workbench

Changed to support a future release:

- Item Forecast Entries
- Item Master Demand Schedule Entries
- Item Master Production Schedule Entries
- Plan Status
- Planner Workbench

Changed to support the online planner and the copy plan features:

- Plan Options
- Planner Workbench

Changed to support project MRP:

- Enterprise View
- Horizontal Plan

Changed to support the addition of the among operator in MRP find windows:

- Find Items
- Find Supply/Demand

Added or modified in 10SC Production 16, these windows have been implemented to support the project MRP feature.

- Assign Project Parameters
- Define Seiban Numbers
- Demand

- Enterprise View
- Find Project Parameters
- Horizontal Plan
- Item Forecast Entries
- Item Master Demand Schedule Entries
- Item Master Production Schedule Entries
- Plan Status
- Supply
- Supply/Demand
- View Onhand Quantities

10SC Production Releases 1–15

New Windows

- Bill of Distribution Assignments
- Define Sourcing Rule
- Define Bill of Distribution
- Destinations
- DRP Launch
- DRP Names
- DRP Options
- DRP Plan Status
- Enterprise View
- Find Assignments
- Plan Organizations
- Sources
- Sourcing Assignment Hierarchy
- Sourcing Rule Assignments
- Supply Chain Components
- Supply Chain End Assemblies
- Supply Chain Exceptions

- Supply Chain Horizontal Plan
- Supply Chain Implement Property Sheet
- Supply Chain Items
- Supply Chain Planner Workbench
- Supply Chain Plan Options
- Supply Chain Supply/Demand
- Supply Chain Where Used
- View Bill of Distribution
- View Bill of Distribution Assignments
- View Sourcing Assignment Hierarchy
- View Sourcing Rule
- View Sourcing Rule Assignments
- View Supply Chain Bill

New Reports

- Supply Chain Current Projected On Hand vs. Projected Available Report
- Supply Chain Demand vs. Replenishment Graphical Report
- Supply Chain Financial Analysis Report
- Supply Chain Late Order Report
- Supply Chain Master Schedule Status Report
- Supply Chain Order Reschedule Report
- Supply Chain Planned Order Report
- Supply Chain Planning Detail Report

Changed Reports

- Current Projected On Hand vs. Projected Available Report
- Demand vs. Replenishment Graphical Report
- Planning Detail Report

Seed Data

Oracle Master Scheduling/MRP and Supply Chain Planning includes the following seed data changes made since Release 10.7 of Oracle Applications.

Production Release 16.1

The following seed data was added, changed, or made obsolete between Release 10SC Production 16 and Production 16.1.

List of Values (QuickCodes)

MRP_EXCEPTION_VERSION was added to support the enhanced exception messages feature.

Lookup Types

Changed to support the enhanced exception messages feature:

- MRP_EXCEPTION_TYPE
- MRP_SNAPSHOT_DELETE TASK
- MRP_EXCEPTION_CODE_TYPE
- MRP_FLP_SUPPLY_DEMAND_TYPE

Added in Release 10.7, these lookup types were implemented to support the memory-based planning engine and Oracle Supply Chain Planning:

- MRP_INPUT_TYPE
- MRP_ORGANIZATION_SELECTION
- MRP_REPORT_ORGANIZATION
- MRP_SOURCE_TYPE
- MRP_PLANNING_CODE
- MRP_SCP_PART_INCLUDE_TYPE
- MRP_SOURCING_RULE_TYPE
- MRP_SR_ASSIGNMENT_TYPE
- MRP_PLAN_TYPE
- MRP_DESIGNATOR_TYPE
- MRP_DESIGNATOR_TYPE_SHORT

Value Sets

Added in Release 10.7, these value sets were implemented Oracle Supply Chain Planning:

- MRP_SRS_MRP_DRP_NAME
- MRP_SRS_ORG_SELECT_SCHED
- MRP_SRS_ORG_SELECT_PLAN
- MRP_SRS_LAUNCH_PLANNER_SCP
- MRP_SRS_MPS_NAME_SCP_LAUNCH
- MRP_SRS_MRP_NAME_SCP_LAUNCH
- MRP_SRS_DRP_NAME_SCP_LAUNCH
- MRP_SRS_PLAN_NAME_SCP
- MRP_SRS_MRP_DRP_NAME_SCP
- MRP_SRS_ORG_SELECTMRP_DRP

Added to support the copy plan features:

- MRP_SRS_COPY_DESTINATION_DRP_PLAN
- MRP_SRS_COPY_DESTINATION_MPS_PLAN
- MRP_SRS_COPY_DESTINATION_MPS_PLAN_SCP
- MRP_SRS_COPY_DESTINATION_MRP_PLAN
- MRP_SRS_COPY_DESTINATION_MRP_PLAN_SCP
- MRP_SRS_COPY_SOURCE_DRP
- MRP_SRS_COPY_SOURCE_MPS_PLAN
- MRP_SRS_COPY_SOURCE_MPS_PLAN_SCP
- MRP_SRS_COPY_SOURCE_MRP_PLAN
- MRP_SRS_COPY_SOURCE_MRP_PLAN_SCP

Profile Options

Oracle Master Scheduling/MRP and Supply Chain Planning includes profile option changes made since Release 10.7 of Oracle Applications.

The following profile options were added, changed, or made obsolete between Release 10SC Production 16 and Production 16.1.

New Profile Options

MRP:Enhanced Exception

Indicates whether to include additional exception messages, with enhanced analytical capabilities.

MRP:MRP-OLP

Indicates whether to enable online planner functions.

MRP:Default DRP Plan Name

Specify the DRP plan name that defaults when navigating to the Plan Options window, Plan Status window, or the Planner Workbench.

MRP:Default Sourcing Assignment Set

Determine the sourcing assignment set that Oracle Purchasing uses to assign sources to requisitions

MRP:Sourcing Rule Category Set

Indicate the category set used when Oracle Supply Chain Planning creates sourcing assignments at category-org or category level.

MRP:Using Ship Arrived Flag

Indicate how to treat sales orders shipped to customers. You can automatically indicate “arrived” at a customer site after the intransit lead time has expired, or manually update the ARRIVED_FLAG in SO_PICKING_HEADERS. Used by the Memory-based Planning Engine when a customer is modelled as an organization.

Oracle Order Entry/Shipping

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Order Entry/Shipping and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16
10.7 GUI Production 16	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Order Entry/Shipping between Release 10SC Production 16 and Release 11 and describes changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Oracle Order Entry/Shipping between 10SC Production 16 and Release 11.

Container–Load Relationships Window

Use this window to define the relationship between container items and load items to specify which items can be contained within other items. *Container items* are items that can contain other items. *Load items* are items that can be loaded into a container.

Departure Planning Workbench

Use this window to schedule vehicle departures, assign scheduled shipment lines to a planned departure using vehicle capacity information, estimate the number of containers required for shipment, sequence deliveries within a departure, and sequence vehicle load ordering for lines within a delivery.

Drop Shipment Support

While entering, scheduling, or importing an order, you can specify whether an order line will be fulfilled from your warehouse or sourced externally. Oracle Order Entry/Shipping provides enhancements to the Sales Orders, Schedule Orders, and View Orders windows to support this, as well as a new concurrent program named Purchase Release and the new Sales Order and Purchase Order Discrepancy Report. Additionally, Copy Orders and OrderImport have been enhanced to support line–level source types of internal and external.

Group Discounting

With the Line Discounts and Discount Customers windows, you can define a discount by item category or customer class, respectively. You can combine these discounting conditions with others, such as order type and purchase order number.

Limited Customer Part Number Support

To support Oracle Release Management, the View Orders window displays customer part number information for applicable orders in the Customer Item field, if you imported the order via OrderImport and Release Management's Demand Stream Processor. At this time, you cannot update customer part numbers in any Order Entry/Shipping

window. When customer part numbers appear on an order, Order Entry/Shipping works with Oracle Inventory to determine whether an order line must be departure-planned prior to shipping.

Match and Reserve ATO Configurations

With Oracle Product Configurator you can search for and reserve existing configurations that match options chosen for an order line. The Special menu associated with the Sales Orders window has been modified to support this functionality. You can also use match and reserve functionality with OrderImport.

OrderImport Enhancement

To support Oracle Release Management, the OrderImport concurrent program allows Release Management's Demand Stream Processor to cancel imported order lines. The Demand Stream Processor can also delete imported lines after booking as long as the lines have not been interfaced to another concurrent program, such as Pick Release, Ship Confirm, or Inventory Interface.

OrderImport imports Project Manufacturing, Release Management, and Brazilian globalization data to sales order lines.

Orders Workbench

The Find Orders window in the Orders Workbench allows you query on purchase order and purchase requisition information for drop-ship orders. It also displays the On Hold check box. If this box is checked, a hold has been placed on the order header or at least one order line.

Pick Slip Grouping Rules Window

Use this window to define grouping rules to determine how released picking lines are grouped onto pick slips. Grouping rules allow you to specify the criteria by which released picking lines are grouped.

Release Sequence Rules Window

Use this window to define rules to specify the order in which eligible picking lines are released during Pick Release. The order in which picking lines are released using a Release Sequence Rule is based on five attributes: order number, outstanding invoice value, schedule date, departure date, and shipment priority.

Sales Orders

In addition to other changes made to this window, the Date Requested field in the Scheduling lines alternative region lets you enter a time component as well as a date. Also, the Entry Status field indicates whether an order has been cancelled or closed at the order level.

Salesperson Defaulting

In addition to defaulting the salesperson from the agreement type and customer name, you can also default salesperson information on an order from the bill-to and ship-to locations you define for a customer.

Ship Confirm-Departure Window

Use this window to partially or completely ship or completely backorder an existing departure during Ship Confirm. You can also create a departure, assign deliveries to the departure, and ship or backorder the departure. You can additionally calculate the weight, volume, and percentage fill of the departure.

Ship Confirm-Delivery Window

Use this window to partially or completely ship or backorder a delivery. You can define delivery line details, assign freight charges to a delivery, pack a delivery, and unpack a delivery. You can also calculate the weight, volume, and fill percentage of a delivery.

Delivery-based Ship Confirm Open Interface

Record information about items picked and shipped using external sources such as barcode systems. You may use this interface to update picked and shipped quantities, update inventory control information, update shipment attributes, and specify freight charges for the shipment.

Shipping Parameters Window

Use this window to define default parameters used throughout Shipping.

Supply Chain ATP Inquiry

You can view Available to Promise (ATP) information across multiple inventory organizations so that you can decide which supply source you want to use to meet demand.

Modules

New Windows

- Charges
- Container Details
- Container-Load Relationships
- Containers for Delivery *delivery name*
- Deliveries
- Delivery
- Delivery Lines (Ship Confirm)
- Delivery Lines (Departure Planning)
- Delivery Lines for Delivery
- Delivery Lines for Departure
- Delivery Lines to Add
- Delivery Planning Status
- Delivery Status
- Deliveries Summary
- Departure
- Departures
- Departure Planning Status
- Find Delivery Lines to Add (Ship Confirm)
- Find Delivery Lines to Add (Departure Planning)
- Find Departure Information
- Pick Slip Grouping Rules
- Release Sequence Rules
- Ship Confirm - Delivery

- Ship Confirm – Departure
- Shipping Parameters

Changed Windows

- Cancel Orders
- Discount Customers
- Discount Lines
- Find Orders
- Line Options
- Lines to Schedule
- Orders Summary
- Sales Orders
- Security Rules
- Services
- Shipment Schedules
- Release Sales Orders For Picking
- View Orders

New Reports and Processes

Added to support drop shipment functionality:

- Purchase Release concurrent program
- Sales Order and Purchase Order Discrepancy Report

Added to support Delivery-based Shipping:

- Vehicle Load Sheet Detail Report
- Vehicle Load Sheet Summary Report

Changed Reports and Processes

Changed to support drop shipment functionality:

- Cancelled Orders Report
- Comprehensive Order Detail Report
- OrderImport Process Exception Report

- OrderImport Processing Result Report

The Pick Release, Manufacturing Interface, and Inventory Interface programs process only those lines whose source type is Internal. Also, OrderImport can import lines with source types of Internal or External.

Changed to support Delivery-based Shipping:

- Bill of Lading
- Commercial Invoice
- Mailing Label
- Pack Slip
- Pick Slip

Obsolete Reports

- Consolidated Pick Slip shipping document
- Open Batch Report
- Pick Slip Summary Report

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New Tables

- SO_DROP_SHIP_SOURCES
- SO_HEADER_ATTRIBUTES
- SO_HEADER_ATTRIBUTES_INTERFACE
- SO_LINE_ATTRIBUTES
- SO_LINE_ATTRIBUTES_INTERFACE
- SO_LINE_DETAIL_ATTRIBUTES
- SO_LINE_DETAIL_ATTRIBUTES_INT
- SO_NOTE_REPLICATION
- SO_PURGE_ORDERS
- WSH_CONTAINER_LOAD
- WSH_DELIVERIES

- WSH_DEPARTURES
- WSH_FREIGHT_CHARGES_INTERFACE
- WSH_INVOICE_NUMBERS
- WSH_PACKED_CONTAINERS
- WSH_PARAMETERS
- WSH_PICKING_HEADERS_INTERFACE
- WSH_PICK_SLIP_RULES
- WSH_RELEASE_SEQ_RULES

Changed Tables

The following section lists changes made to support drop shipment functionality:

SO_LINE_DETAILS	
------------------------	--

New Columns	RECEIPT_STATUS_CODE
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SO_LINES_ALL	
---------------------	--

New Columns	SOURCE_TYPE_CODE
	SOURCE_TYPE_CODE_SVRID

SO_LINES_INTERFACE_ALL	
-------------------------------	--

New Columns	SOURCE_TYPE_CODE
-------------	------------------

The following section lists changes made to support group pricing:

SO_DISCOUNT_CUSTOMERS	
------------------------------	--

New Columns	CUSTOMER_CLASS_CODE
-------------	---------------------

The following section lists changes made to enhance holds functionality:

SO_HOLD_SOURCES_ALL	
----------------------------	--

New Columns	HOLD_RELEASE_ID
-------------	-----------------

The following section lists changes made for Delivery-based Shipping:

SO_FREIGHT_CHARGES	
---------------------------	--

New Columns	INTERCO_INVOICE_STATUS
	DELIVERY_ID
	CONTAINER_ID
	PICKING_LINE_DETAIL_ID
	AC_ATTRIBUTE_CATEGORY
	AC_ATTRIBUTE1-15

SO_LINES_DETAILS	
-------------------------	--

New Columns	CUSTOMER_ITEM_ID
	DELIVERY_ID
	DEPARTURE_ID
	DEP_PLAN_REQUIRED_FLAG
	DETAIL_CONTAINER_ITEM_ID
	DPW_ASSIGNED_FLAG
	LOAD_SEQ_NUMBER
	MASTER_CONTAINER_ITEM_ID

SO_PICKING_BATCHES_ALL	
-------------------------------	--

New Columns	DEPARTURE_ID
	DELIVERY_ID
	PICK_SLIP_RULE_ID
	RELEASE_SEQ_RULE_SET_ID
	PARTIAL_ALLOWED_FLAG
	INCLUDE_PLANNED_LINES_FLAG
	AUTOCREATE_DELIVERY_FLAG

SO_PICKING_HEADERS_ALL	
New Columns	SHIP_NOTICE_SENT_DATE
	SHIP_NOTICE_SENT_FLAG
	DELIVERY_ID
	ARRIVED_FLAG
SO_PICKING_LINE_DETAILS	
New Columns	DEP_PLAN_REQUIRED_FLAG
	DPW_ASSIGNED_FLAG
	DELIVERY_ID
	DEPARTURE_ID
	CUSTOMER_ITEM_ID
	LOAD_SEQ_NUMBER
	MASTER_CONTAINER_ITEM_ID
	DETAIL_CONTAINER_ITEM_ID
	TRANSACTION_TEMP_ID
	PICK_SLIP_NUMBER
SO_PICKING_LINES_ALL	
New Columns	SERVICE_INTERFACE_STATUS
	TRANSACTION_HEADER_ID
	BO_PICKING_LINE_ID
SO_PICKING_RULES	
New Columns	CONTEXT
	ATTRIBUTE1-15
	PICK_SLIP_RULE_ID
	RELEASE_SEQ_RULE_SET_ID
	PARTIAL_ALLOWED_FLAG

SO_PICKING_RULES	
	INCLUDE_PLANNED_LINES_FLAG
	AUTOCREATE_DELIVERY_FLAG

WSH_DELIVERIES	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-20

WSH_DELIVERIES_INTERFACE	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-20

The following section lists changes made to support Oracle Product Configurator's match and reserve functionality:

SO_HEADERS_INTERFACE_ALL	
Changed Columns	SCHEDULE_STATUS_CODE

The following section lists changes made to support Oracle Project Manufacturing:

SO_LINES_ALL	
New Columns	PROJECT_ID
	TASK_ID

SO_LINES_INTERFACE_ALL	
New Columns	PROJECT_ID
	TASK_ID

The following section lists changes made to support Oracle Release Management:

SO_LINES_ALL	
New Columns	CUSTOMER_DOCK_CODE
	CUSTOMER_ITEM_ID
	CUSTOMER_JOB
	CUSTOMER_MODEL_SERIAL_NUMBER
	CUSTOMER_PRODUCTION_LINE
	DEMAND_STREAM_ID
	INTERMEDIATE_SHIP_TO_ID
	PLANNING_PROD_SEQ_NUMBER

SO_LINES_INTERFACE_ALL	
New Columns	CUSTOMER_DOCK_CODE
	CUSTOMER_ITEM_ID
	CUSTOMER_JOB
	CUSTOMER_MODEL_SERIAL_NUMBER
	CUSTOMER_PRODUCTION_LINE
	DEMAND_STREAM_ID
	INTERMEDIATE_SHIP_TO_ID
	PLANNING_PROD_SEQ_NUMBER

The following section lists changes made to support Oracle Service:

SO_LINES_ALL	
New Columns	RETURN_FOR_REPAIR_FLAG

The following section lists changes made to support Oracle Master Scheduling/MRP and Supply Chain Planning in a future release:

SO_LINES_ALL	
New Columns	PLANNING_PRIORITY
	PLANNING_PRIORITY_SVRID

Changed to support Oracle Service in a future release:

SO_LINE_SERVICE_DETAILS	
New Columns	INSTALLED_CP_RETURN_BY_DATE
	INS_CP_RETURN_BY_DATE_SVRID
	NEW_CP_RETURN_BY_DATE
	NEW_CP_RETURN_BY_DATE_SVRID

New Views

Created to support drop shipment functionality:

- SO_DROP_SHIP_LINKS_V

Changed Views

Changed to reflect table changes:

- SO_LINE_DETAILS_V
- SO_LINES
- SO_LINES_V
- SO_LINES_ALL_V
- SO_LINES_OEXORRSO_V
- SO_LINES_VIEW_LINES_V
- SO_PICKING_BATCHES_V
- SO_PICKING_DETAILS_MMTT_V
- SO_PICKING_RULES_V
- SO_REPORT_PRINTERS_QF_V
- SO_REPORT_SET_LINES_V
- SO_REPORT_NAMES_V
- SO_SCHEDULE_DETAILS
- WSH_DELIVERIES_V
- WSH_DELIVERY_LINES_DPW_V
- WSH_PACKED_CONTAINERS_DPW_V
- WSH_CONTAINER_CONTENTS_V
- WSH_DELIVERY_LINES_SC_V

- WSH_DLS_UNASSIGNED_SC_V

New Indexes

Added to support drop shipment functionality:

- SO_DROP_SHIP_SOURCES_N1
- SO_DROP_SHIP_SOURCES_N2
- SO_DROP_SHIP_SOURCES_N3
- SO_DROP_SHIP_SOURCES_N4

New Sequences

- SO_DROP_SHIP_SOURCE_S
- WSH_DELIVERIES_INTERFACE_S

Seed Data

Oracle Order Entry/Shipping includes the following seed data changes made between Release 10SC Production 16 and Release 11.

New List of Values (QuickCodes)

The following lookup types have been added to SO_LOOKUP_TYPES to support drop shipment functionality:

- DOCUMENT TYPE
- OEXPODIS ORDER BY
- SOURCE TYPE

These lookup types and codes have been added to SO_LOOKUPS:

Lookup Types	Lookup Codes
DOCUMENT TYPE	PURCHASE REQUISITION
DOCUMENT TYPE	PURCHASE ORDER
DOCUMENT TYPE	BLANKET RELEASE
OEXPODIS ORDER BY	CUSTOMER
OEXPODIS ORDER BY	ORDER_DATE

Lookup Types	Lookup Codes
OEXPODIS ORDER BY	ORDER_NUMBER
OEXPODIS ORDER BY	ORDER_TYPE
OEXPODIS ORDER BY	PURCHASE_NUMBER
SOURCE TYPE	EXTERNAL
SOURCE TYPE	INTERNAL

New Menus

The WSH_NAVIGATE menu has been added.

Changed Menus

The functions Sales Orders:View and Returns:View have been added to the OE_SALES_ORDERS_10SC menu to support function security; to support drop shipments, Requests:Purchase Release Program Set and Purchase Order Summary were added to the same menu. The Receivables function Define Transaction Types was added to OE_SETUP_FINANCIALS_10SC.

Obsolete Menus

The OE_NAVIGATE_ADMIN_GUI and SHP_NAVIGATE menus are obsolete.

Changed Responsibilities

The Order Entry Administrator responsibility uses OE_SUPER_USER_10SC with both the menu item OE_SETUP_10SC and the function Order Purge excluded.

New Report Sets

The new report set *Purchase Release, Requisition Import* has been created to support drop shipments.

New Security Rules

A new security condition, *External Source Type*, controls whether the user can insert, update, delete, or cancel details for an externally sourced line after the line has passed a particular cycle action.

New security rules have been defined to control the creation, modification, deletion, and cancellation of details for externally sourced lines. These rules pertain to the Sales Orders schedule details block at all levels (line, option, shipment schedule).

New rules have also been defined to prevent a line's source type from being updated once the line has passed the Purchase Release or Pick Release cycle action. These rules affect the line and shipment blocks in Sales Orders and Schedule Orders.

Additionally, new rules have been defined to prevent insertion or deletion of shipment schedule lines that have passed Purchase Release. These rules also affect the line and shipment blocks in Sales Orders and Schedule Orders.

Cycle Actions and Results

The new *Purchase Release* cycle action specifies that a line is being drop shipped.

Profile Options

Oracle Order Entry/Shipping includes the following profile option changes made between Release 10SC Production 16 and Release 11. For more information about profile options, see the *Oracle Order Entry/Shipping User's Guide*.

New Profile Options

- *WSH: Invoice Numbering Method*

Obsolete Profile Options

The *OE: Cycle Action Changes Affect Existing Orders* profile option is obsolete. In Release 11, when you alter an order cycle, existing orders are affected by the change as Order Entry/Shipping processes them.

The following profiles are also obsolete:

- *OE: Autobackorder*
- *WSH: Shipping Method*

Release 10 SmartClient Features and Changes

This section lists enhancements made to Oracle Order Entry/Shipping for Release 10 SmartClient (10SC). It describes the features added or changed between Release 10.7 of Oracle Applications and Production Release 16.

New Features

Orders Workbench

Oracle Order Entry/Shipping now provides the Orders Workbench, which allows you to enter, retrieve, and process sales orders and returns. You can find orders or returns using combinations of order header and order line criteria. You can view the results of queries in the Orders Summary window, which is a folder block in which you can choose display fields, change field prompts, change width and positions, and implement user-defined queries. From the Orders Workbench, you can immediately update, book, schedule, hold, or view the selected order or return. You can also access the Copy Orders, Sales Orders, or Returns windows to create a new order or return.

Order Quantity Change

You can display the order quantity as the current order quantity. In other words, order quantity is equal to original order quantity minus the cancelled quantities.

Multimedia Reference and Communications

You can attach various text, documents, video, and voice annotations to orders, returns, and lines using the Notes feature.

Invoke Configuration Validation in Order Entry / Shipping

With Oracle Product Configurator, you can define and associate particular validation rules for a given configuration. The Special Menu associated with the Sales Orders window has been modified to invoke defined validation rules and view error messages from the configuration validation process.

Validate Booked Configuration via Cancel Orders

You can make changes to your booked configuration order from the Cancel Orders window. Oracle Configurator automatically validates the new configuration and places invalid configurations on hold to prevent further processing. The View Configuration Messages Special Menu option associated with the Cancel Orders window allows you to view configuration messages to see if the transaction(s) succeeded, failed, or violated security.

Tax Code Enhanced to Allow Tax Grouping

In Oracle Receivables, each invoice line can be taxed automatically with one or more taxes. Tax Code allows you to name a specific tax rate. You can specify multiple taxes as a tax group, which can then be assigned to an order line. Oracle Order Entry / Shipping allows you to specify a tax code on each order line and override any system default value.

Pricing Message Enhancement

Pricing messages contain appropriate reasons when an item is not found in the primary and secondary price list.

Unit of Measure, Warehouse, and Freight Carrier Change

Unit of Measure, Warehouse, and Freight Carrier information is displayed using user-defined codes rather than names.

Year 2000 Compliance

Year 2000 compliance addresses dates in the next century and dates spanning centuries. You can define and view dates from 1950 to 2049 using the RR format capability of a date field, which allows you to store the next century's dates by specifying only the last two digits of the year. For example, the date 01-JAN-01 is interpreted as 01-JAN-2001 and the date 01-JAN-99 is interpreted as 01-JAN-1999. The RR date format field is available with Oracle RDBMS version 7.1.

Modules

Changed Windows

Sales Orders

You can customize the appearance of the Sales Orders window. For example, you can create different versions for order entry administrators, sales people, or customer service personnel. You can also create a window with minimum order information and then set up a standard value rule set to default the remaining information. To enable you to meet your business needs, business rules are detached from the presentation layer so that you do not have to recustomize the window after a software upgrade.

Price Lists

You can sort price list items by Item/Effective Date, or by Effective Date/Item, or not at all. You can also enter a price and a pricing rule to support pricing before you generate pricing from rules.

Approvals

The Line Approvals, Order Approvals, and View Approvals forms have been consolidated into the Approvals window. You can now approve multiple orders using the same result and comment.

Release Holds

You can release more than one hold with the same release reason and comment.

Cancel Orders

You can cancel more than one line using the same reason and comment. Choose the History button to review reasons, comments, and dates for previous cancellations of the order or line.

Obsolete Windows

Schedule ATO Configurations

This form has been integrated into the Schedule Orders window. Choose ATO Configured Item from the Schedule Orders special menu to assign or unassign an ATO configuration item to an ATO model order line.

View Items, View Bills, View Customers

These forms no longer exist. Use function security to restrict certain responsibilities from updating Items, Bills, or Customers.

Database Objects

Oracle Order Entry/Shipping includes the following database changes made since Release 10.7 of Oracle Applications. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

New Views

SO_SERVICE_DETAILS was created to support Oracle Service. The following new views were created to support a future release:

- SO_LINES_CURRENT_DEMAND_V
- SO_REPORT_NAMES_V
- SO_SHIP_TO_LOCATIONS_ALL_ACT_V
- WSH_CHARGES_V
- WSH_CONTAINER_CONTENTS_V
- WSH_DELIVERIES_DPW_LOV_V
- WSH_DELIVERIES_V
- WSH_DELIVERY_LINES_DPW_V
- WSH_DELIVERY_LINES_SC_V
- WSH_DEPARTURES_V
- WSH_DLS_UNASSIGNED_SC_V
- WSH_PACKED_CONTAINERS_DPW_V
- WSH_PACKED_CONTAINERS_V

Modified Tables

SO_LINES_ATTRIBUTES_INTERFACE

INDUSTRY_ATTRIBUTE9 (VARCHAR2(150)) was added to support a future release.

Modified Views

The following views were modified to support a future release.

- SO_LINE_DETAILS_V
- SO_LINES_INTERFACE
- SO_LINES_VIEW_LINES_V

- SO_LINES_VIEW_RETURNS_V
- SO_LINES_V
- SO_LINES_OEXORRSO_V
- SO_PICKING_LINES_OEXORRSO_V
- SO_PICKING_LINE_DET_OEXORRSO_V
- SO_PICKING_BATCHES_V
- SO_PICKING_LINES_VIEW_V
- SO_PICKING_RULES_V
- SO_CONFIG_COMPONENTS_V
- SO_LINES_CANCEL_V
- SO_FC_ORDERS_V
- SO_FC_RETURNS_V
- SO_LINES_RMA_V
- SO_ORDER_STATUS_V

SO_TAX_CODES_V was modified to incorporate the new Tax Code Record Grouping.

New Indexes

SO_LINES_N29 was added.

Seed Data

Oracle Order Entry/Shipping includes the following seed data changes made since Release 10.7 of Oracle Applications.

Production Release 16

The following seed data has been added or modified between Release 10.7 of Oracle Applications and Production Release 16.

Modified Order Sources

SO_ORDER_SOURCES The OSM Quote order source has been added for converting orders from the Oracle Sales and Marketing Sales Quote application.

Profile Options

Oracle Order Entry/Shipping includes the following profile option changes made since Release 10.7. For more information about profile options, see the *Oracle Order Entry/Shipping User's Guide*.

New Profile Options

OE: Configurator Display Mode

Sets the configurator window to display only the selected items.

OE: Default CP Selection Attribute

Determines the default attribute for finding customer products in the Installation window in the Sales Orders window. Valid choices are Order, System, Type, and Agreement.

OE: Transaction Manager

Specifies the Order Entry Transaction Manager to which you want to connect.

OE: Transaction Manager Debug Level

Determines what type of information you want listed in the diagnostics file for the Order Entry Transaction Manager . You can choose from the following options:

Bit Value/Profile Option Value	Logging Enabled
1	All fields received from the client are printed to the log.
2	All fields sent to the client are printed to the log.
4	All buffer fields used by PL/SQL statements are printed to the log file before executing the statements.
16	The arguments to the user exits are logged.
32	All messages issued are written to the log file.
64	Logs miscellaneous actions.
4096	Time stamps are written to the log file.

If you want to include multiple types of information in the diagnostics file, enter the sum of the bit values. For example, if you want to see all fields received from a client (bit value=1) and the arguments to the user exits (bit value=16) in the diagnostics file, enter 17 for the profile option.

Changed Profile Options

There are two new values for the OE: Item View Method that control how the Item list of values in the Options window displays models.

Release 10SC only (new values)

- Concatenated Segment Values without Indentation indicates that you want to enter and view items in the Options region by the System Item Key Flexfield segment values.
- Description without Indentation indicates that you want to enter and view items in the Options region by item description.

Release 10SC and Release 10 (existing values)

- Concatenated Segment Values indicates that you want to enter and view items in the Options region by the System Item Key Flexfield segment values. In the list of values, the System Item Key Flexfield is indented (with periods) to show its level in the model.
- Description indicates that you want to enter and view items in the Options region by the item description. In the list of values, the item description is indented (with periods) to show its level in the model.

If you choose one of the 10SC options when using the Release 10 version, the Release 10 forms will behave as though the profile option is set to Description.



Oracle Payables and Public Sector Payables

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Payables, and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Payables between Release 10SC Production 16.1 and Release 11 and describes changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements that have been made to Payables between 10SC Production 16.1 and Release 11. For more information, see the *Oracle Payables User's Guide* or *Oracle Government Payables User's Guide*.

Oracle EDI Gateway Integration for Inbound Invoices

Oracle Payables fully integrates with Oracle EDI Gateway to support you and your trading partners in automating your high-volume invoice transactions through the use of standard electronic data interchange (EDI) transaction sets.

Through the EDI translator of your choice, Oracle EDI Gateway receives invoice information from your suppliers and creates an inbound invoice data file (ASC X12 810/EDIFACT INVOIC). Using the new Oracle Payables Invoice Open Interface, Oracle EDI Gateway uploads the supplier's invoice information directly into Oracle Payables.

You can also rely on Oracle Payables and Oracle EDI Gateway to help you proactively notify your suppliers of problem invoices. For example, if your supplier transmits a duplicate invoice or an invoice that does not reference a valid purchase order, Oracle Payables and Oracle EDI Gateway create an outbound application error acknowledgement (824/APERAK) that notifies your supplier that you have not accepted the invoice.

Invoice Open Interface

The new Oracle Payables Invoice Open Interface accomplishes high volume invoice import complete with all of the features of on-line invoice entry, including:

- Purchase order matching
- Invoice approval
- Invoice batching
- Proration of tax, freight, and miscellaneous charges

- Direct account entry – no need to specify code combination identifiers
- Merge of account segment information – for example, override the cost center on a blanket purchase order
- Sequential numbering

The Invoice Open Interface is an integral part of the integration of Oracle Payables with the Oracle EDI Gateway to support inbound invoices. You can also use it to import invoices from external sources.

Oracle Payables has integrated Oracle Workflow into the Payables Open Interface to help automate verification and validation of data in the Open Interface tables. For example, you can modify the standard workflow, AP Open Interface Import, to validate all accounting code combinations in the Open Interface tables. Notification of any invalid code combinations can be sent to a specified user for correction. Optionally, you can set up the workflow to override any invalid code combinations with a designated default value. Once an invoice has passed workflow it is ready to be imported into the Oracle Payables application tables.

Oracle Workflow Integration

Payables integrates with Oracle Workflow to help you automate business processes for accounts payables documents including:

- Invoices entered through the new Invoice Open Interface
- Procurement card transaction review and approval

Using Oracle Workflow, you can add workflow rules that meet the specific requirements of your business. It's easy to keep your employees and trading partners in the loop, whether by email, web, or forms-based notifications and responses.

Procurement Card Integration

With Release 11.0, you can streamline your procure-to-pay process by implementing a procurement card program. Reduce transaction costs and eliminate low-amount invoices so you can focus on managing relationships with your strategic suppliers.

Import procurement card transaction and statement files from your card issuer, automatically generate transaction accounting distributions, and then automatically create invoices to pay the card issuer.

For additional flexibility, employees can use Oracle Web Employees to verify procurement card transactions, override default transaction accounting, dispute transactions, and identify personal transactions.

Enhanced Applications for the Web Integration

With Release 10.7, your employees can use Oracle Web Employees to enter expense reports using a standard Web browser. Integration with Oracle Workflow and Payables ensures that you reimburse only those expense reports that are approved by both management and by the accounts payable department.

With Release 11.0, the Signing Limits window has been added to support the definition of your organization's spending authority hierarchy for expense reports. Additionally, the Expense Report Templates window and the Expense Reports window have been updated to support new features available with Release 11.0 of Web Employees.

Euro Settlement

Payables supports businesses operating in the European Monetary Union (EMU) during their transition from national currency to the common Euro currency. With Payables you can pay an invoice in a currency other than the invoice currency, for currencies defined with fixed exchange rates due to their participation in the EMU. For example, you can enter an invoice in an EMU currency and pay it in Euro, or vice versa. Note that the Payment on Receipt feature does not yet support cross-currency payments.

Multiple Reporting Currencies

The Multiple Reporting Currencies (MRC) feature enables you to inquire and report on your accounts payable transactions in any currency, not just the functional currency of your primary set of books. With Multiple Reporting currencies, you enter your transactions in your main set of books, then Oracle Payables automatically converts these transactions to your desired reporting currencies and stores the transactions in separate sets of books, one for each currency. You can then run standard reports or perform online inquires in any of your reporting currencies.

You will benefit from using MRC in the following situations:

- During the European Monetary Union transition to the Euro. Use MRC to report and account transactions in the Euro, the pan-European currency, in addition to your national currency.
- While operating in countries with unstable currencies. Use MRC to report and manage transactions in a stable currency for planning and control purposes.
- If your enterprise is multinational. Use MRC to report and manage transaction level information in a common currency across your enterprise.

Flexible Payments

You can improve your service to your suppliers and employees by sending a payment to one or more of a supplier's different bank accounts. Oracle Payables accommodates this flexibility by storing the remit-to bank account at the invoice scheduled payment level.

In Release 10.7, Oracle Payables introduced the multiple supplier banks feature. This allowed you to define supplier banks and bank accounts and link them to your suppliers so they receive their electronic payments in different bank accounts. With Release 11, Oracle Payables extends this feature by adding the remit-to bank account at the invoice scheduled payment level, which allows you to pay a single invoice into multiple bank accounts.

Tax Defaulting Enhancements

Oracle Payables expands its tax management by allowing you to optionally default tax information from a variety of sources. You can customize the source hierarchy that Oracle Payables uses to default the tax name onto supplier invoices.

Payables provides the following sources for tax defaulting:

- PO for Matched Invoices
- Supplier Site
- Supplier
- Account
- Financials Options
- Invoice Header
- Template

You select the sources you want to use in the hierarchy and specify the order. When you create a document, for example, enter an invoice, Payables searches the source hierarchy you have defined until a source value is found, at which point the search will stop.

The PO for Matched Invoices source allows you to default the tax code from a taxable purchase order line shipment to a matched invoice. You can override this default at the invoice distribution level. If the purchase order shipment is taxable but there is no tax code assigned, Payables will search the remaining tax source defaults to determine the correct tax for the invoice.

You can use the Account option to default the tax name based on the expense or asset account you enter. In the Tax Options window, you can assign tax names to accounts. In addition, you can use the new Enforce Tax From Account Payables option to apply a hold to an invoice if the tax name does not match an account to which it has been associated. This feature is primarily a requirement for implementations in Germany, Japan, and parts of Scandinavia where tax factors largely influence the structure of the chart of accounts.

Enhanced Purge Program

Enhanced to purge Oracle Supplier Scheduling records.

Production Features

The following features had a Beta status in previous releases and are now Production status in Release 11. For information on a feature, see: the *Production Release 10SC Features and Changes* section of this document.

Oracle EDI Gateway Integration for Outbound Payments

Multiple Supplier Banks

Alternate Field Entry and Sorting by Alternate Field Profile options

Enhanced Automatic Tax Calculation

Modules

New Windows

Added for the Payables Open Interface:

Open Interface Invoices

Added for Procurement Card Integration:

- Card Code Programs
- Credit Card Code Sets
- Credit Card GL Account Sets
- Credit Card Profiles
- Credit Card Transactions
- Credit Cards

Added for Enhanced Applications for the Web Integration:

- Signing Limits

Changed Windows

Changed for Enhanced Applications for the Web Integration:

- Expense Report Templates
- Expense Reports

Changed for Euro Settlement. Most of these windows now display the payment currency and the fixed cross-rate:

- Expense Reports
- Invoice Batches
- Invoice Overview
- Invoices
- Modify Payment Batch
- Payables Options
- Payment Batches
- Payment Overview
- Payments
- Recurring Invoices
- Scheduled Payments
- Supplier Sites
- Suppliers

Changed for Flexible Payments. They now display the Remit-To Bank Account:

Bank Accounts
Payables Options
Recurring Invoices
Scheduled Payments
Supplier Sites
Suppliers

Changed for Tax Defaulting Enhancements. You can set up the Tax Name Default hierarchy in a new region in the Payables options window. The Tax Name fields in the transaction windows were changed to default a value based on the hierarchy.

Distribution Sets
Distributions
Expense Reports
Financials Options
Invoices
Payables Options
Recurring Invoices

Renamed to remove Summary from their window names:

Invoices Summary
Distributions Summary
Payment Batches Summary
Payments Summary

In addition, the Use (Multiple Supplier Banks) check box in the Payment region of the Payables Options window was removed. In Release 11 this feature is automatically enabled.

New Reports and Processes

Added for the new Payables Invoice Open Interface:

Payables Open Interface Import (includes Tax defaulting and Euro features)
Payables Open Interface Outbound Advice
Payables Open Interface Purge
Payables Open Interface Report

The following new reports were added for Procurement Card Integration:

Credit Card Invoice Interface Summary
Credit Card Transaction Validation and Exception Report
Distribute Employee Card Transaction Verifications
Distribute Manager Card Transactions Approvals

Changed Reports and Processes

Renamed to standard GUI terminology. In addition, report parameter names and report header names were renamed to standard terminology. For example "Vendor" parameters were changed to "Supplier".

Release 16.1 (and earlier) Name	Release 11 Name
1099 Vendor Exceptions Report	1099 Supplier Exceptions Report
AutoApproval Report	Payables Approval Report
Create Mass Additions for Oracle Assets Program	Mass Additions Create Program
Invalid PO Vendor Notice	Invalid PO Supplier Notice
New Vendor/New Vendor Site Listing	New Supplier/New Supplier Site Listing
Recurring Payments Report	Recurring Invoices Report
Stop Payments Register	Stopped Payments Register
Vendor Audit Report	Supplier Audit Report
Vendor Mailing Labels	Supplier Mailing Labels
Vendor Merge Report	Supplier Merge Report
Vendors Report	Suppliers Report
Withholding Tax By Vendor Report	Withholding Tax By Supplier Report
XpenseXpress Report Listing	Expense Report Template Listing

Changed for Euro settlement. The "currency" headings on these reports were clarified to indicate payment currency or invoice currency.

Approval

1099 Payments Report

Discounts Available Report

Invoice History Report

Open Items Revaluation Report

Payment Batch Control Report

Payment Distributions Report

Supplier History Report

Supplier Merge Report

Supplier Payment History

Preliminary Payment Register

Stopped Payments Report

Tax Declaration Report

Withholding Tax by Payment Report

Withholding Tax by Tax Authority Report

Withholding Tax by Supplier Report

Changed to support the Flexible Payments feature:

Approval (Create Interest Invoices)

Select Invoices

Build Payments

Create Payment Schedules

Invoice Import

Final Payment Register

Preliminary Payment Register

Changed for tax defaulting enhancements. If a tax name is not provided, one will default during import based on the Tax Default hierarchy:

Payables Invoice Import

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11. This section does not discuss changes to PL/SQL stored procedures.

Full information about these new database objects is included in the Oracle Applications Payables Technical Reference Manual.

New Tables

Added to support the Payables Invoice Open Interface:

AP_INTERFACE_CONTROLS
AP_INTERFACE_REJECTIONS
AP_INVOICES_INTERFACE
AP_INVOICE_LINES_INTERFACE

Added to support the Procurement Card feature:

AP_CARDS_ALL
AP_CARD_CODES_ALL
AP_CARD_CODE_SETS_ALL
AP_CARD_GL_ACCTS_ALL
AP_CARD_GL_SETS_ALL
AP_CARD_PROFILES_ALL
AP_CARD_PROFILE_LIMITS_ALL
AP_CARD_PROGRAMS_ALL
AP_CARD_REQUESTS_ALL
AP_EXPENSE_FEED_DISTS_ALL
AP_EXPENSE_FEED_LINES_ALL

Added to support the Multiple Reporting Currencies feature:

AP_MC_CHECKS
AP_MC_INVOICES
AP_MC_INVOICE_DISTS
AP_MC_INVOICE_PAYMENTS
AP_MC_PAYMENT_DISTS_ALL
AP_MC_RECON_DISTS_ALL

Added to support Approval.

AP_TEMP_APPROVAL_ALL

Changed Tables

Table	New Column(s)
AP_BANK_ACCOUNTS_ALL	EFT_USER_NUMBER
AP_BANK_BRANCHES	ECE_TP_LOCATION_CODE
AP_CHECKS_ALL	STAMP_DUTY_AMT STAMP_DUTY_BASE_AMT MRC_CLEARED_BASE_AMOUNT MRC_CLEARED_EXCHANGE_RATE MRC_CLEARED_EXCHANGE_DATE MRC_CLEARED_EXCHANGE_RATE_TYPE MRC_EXCHANGE_RATE MRC_EXCHANGE_DATE MRC_EXCHANGE_RATE_TYPE MRC_BASE_AMOUNT MRC_CLEARED_ERROR_BASE_AMOUNT MRC_CLEARED_CHARGES_BASE_AMT MRC_STAMP_DUTY_BASE_AMT
AP_DISTRIBUTION_SET_LINES_ALL	AWARD_ID
AP_EXPENSE_REPORT_HEADERS_ALL	PAYMENT_CROSS_RATE_TYPE PAYMENT_CROSS_RATE_DATE PAYMENT_CROSS_RATE PAYMENT_CURRENCY_CODE CORE_WF_STATUS_FLAG
AP_EXPENSE_REPORT_LINES_ALL	POLICY_SHORTPAY_FLAG AWARD_ID
AP_EXPENSE_REPORT_PARAMS_ALL	CALCULATE_AMOUNT_FLAG REQUIRE_RECEIPT_AMOUNT
AP_INVOICE_DISTRIBUTIONS_ALL	LINE_GROUP_NUMBER RECEIPT_VERIFIED_FLAG RECEIPT_REQUIRED_FLAG RECEIPT_MISSING_FLAG JUSTIFICATION EXPENSE_GROUP START_EXPENSE_DATE END_EXPENSE_DATE RECEIPT_CURRENCY_CODE

Table	New Column(s)
	RECEIPT_CONVERSION_RATE
	RECEIPT_CURRENCY_AMOUNT
	DAILY_AMOUNT
	WEB_PARAMETER_ID
	ADJUSTMENT_REASON
	AWARD_ID
	MRC_ACCRUAL_POSTED_FLAG
	MRC_CASH_POSTED_FLAG
	MRC_DIST_CODE_COMBINATION_ID
	MRC_AMOUNT
	MRC_BASE_AMOUNT
	MRC_BASE_INV_PRICE_VARIANCE
	MRC_EXCHANGE_RATE_VARIANCE
	MRC_POSTED_FLAG
	MRC_PROGRAM_APPLICATION_ID
	MRC_PROGRAM_ID
	MRC_PROGRAM_UPDATE_DATE
	MRC_RATE_VAR_CCID
	MRC_REQUEST_ID
	MRC_EXCHANGE_DATE
	MRC_EXCHANGE_RATE
	MRC_EXCHANGE_RATE_TYPE
	MRC_AMOUNT_TO_POST
	MRC_BASE_AMOUNT_TO_POST
	MRC_CASH_JE_BATCH_ID
	MRC_JE_BATCH_ID
	MRC_POSTED_AMOUNT
	MRC_POSTED_BASE_AMOUNT
	MRC_RECEIPT_CONVERSION_RATE
AP_INVOICE_PAYMENTS_ALL	MRC_ACCRUAL_POSTED_FLAG
	MRC_CASH_POSTED_FLAG
	MRC_POSTED_FLAG
	MRC_EXCHANGE_DATE
	MRC_EXCHANGE_RATE
	MRC_EXCHANGE_RATE_TYPE

Table	New Column(s)
	MRC_GAIN_CODE_COMBINATION_ID
	MRC_INVOICE_BASE_AMOUNT
	MRC_LOSS_CODE_COMBINATION_ID
	MRC_PAYMENT_BASE_AMOUNT
	MRC_CASH_JE_BATCH_ID
	MRC_FUTURE_PAY_POSTED_FLAG
	MRC_JE_BATCH_ID
AP_INVOICES_ALL	PAYMENT_CROSS_RATE_TYPE
	PAYMENT_CROSS_RATE_DATE
	PAY_CURR_INVOICE_AMOUNT
	MRC_BASE_AMOUNT
	MRC_EXCHANGE_RATE
	MRC_EXCHANGE_RATE_TYPE
	MRC_EXCHANGE_DATE
	MRC_POSTING_STATUS
AP_PAYMENT_DISTRIBUTIONS_ALL	INV_CURR_AMOUNT
	INV_CURR_BASE_AMOUNT
AP_PAYMENT_SCHEDULES	INV_CURR_GROSS_AMOUNT
AP_PAYMENT_SCHEDULES_ALL	EXTERNAL_BANK_ACCOUNT_ID
	INV_CURR_GROSS_AMOUNT
AP_RECURRING_PAYMENTS_ALL	EXTERNAL_BANK_ACCOUNT_ID
AP_REPORTING_ENTITIES_ALL	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1-20
AP_SYSTEM_PARAMETERS_ALL	ROUNDING_ERROR_CCID
	ROUNDING_ERROR_POST_OPTION
	TAX_FROM_PO_FLAG
	TAX_FROM_VENDOR_SITE_FLAG
	TAX_FROM_VENDOR_FLAG
	TAX_FROM_ACCOUNT_FLAG
	TAX_FROM_SYSTEM_FLAG
	TAX_FROM_INV_HEADER_FLAG
	TAX_FROM_TEMPLATE_FLAG
	TAX_HIER_PO_SHIPMENT
	TAX_HIER_VENDOR
	TAX_HIER_VENDOR_SITE

Table	New Column(s)
	TAX_HIER_ACCOUNT
	TAX_HIER_SYSTEM
	TAX_HIER_INVOICE
	TAX_HIER_TEMPLATE
	ENFORCE_TAX_FROM_ACCOUNT
	MRC_BASE_CURRENCY_CODE
	MRC_SECONDARY_SET_OF_BOOKS
AP_TAX_CODES_ALL	WEB_ENABLED_FLAG
FINANCIALS_PURGES	ORGANIZATION_ID
	PO_APPROVED_SUPPLIER_LIST
	PO_ASL_ATTRIBUTES
	PO_ASL_DOCUMENTS
	CHV_AUTHORIZATIONS
	CHV_CUM_ADJUSTMENTS
	CHV_CUM_PERIODS
	CHV_CUM_PERIOD_ITEMS
	CHV_HORIZONTAL_SCHEDULES
	CHV_ITEM_ORDERS
	CHV_SCHEDULE_HEADERS
	CHV_SCHEDULE_ITEMS
	MRP_SR_SOURCE_ORG
	MRP_ITEM_SOURCING
FINANCIALS_SYSTEM_PARAMS_ALL	VAT_CODE

New Views

Added to support Web Employees enhancements:

AP_CARDS
 AP_CARDS_V
 AP_CARD_CODES
 AP_CARD_CODE_SETS
 AP_CARD_GL_ACCTS
 AP_CARD_GL_SETS
 AP_CARD_NOTIFICATIONS_V
 AP_CARD_PROFILES

AP_CARD_PROFILE_LIMITS
AP_CARD_PROGRAMS
AP_CARD_REQUESTS
AP_EXPENSE_FEED_DISTS
AP_EXPENSE_FEED_DISTS_OPEN_V
AP_EXPENSE_FEED_DISTS_V
AP_EXPENSE_FEED_LINES
AP_EXPENSE_FEED_LINES_V
AP_WEB_SIGNING_LIMITS_V

Added to support the Multiple Reporting Currencies feature:

AP_CHECKS_ALL_MRC_V
AP_CHECKS_MRC_V
AP_INVOICES_ALL_MRC_V
AP_INVOICES_MRC_V
AP_INVOICE_DISTS_ALL_MRC_V
AP_INVOICE_DISTS_MRC_V
AP_INVOICE_PAYMENTS_ALL_MRC_V
AP_INVOICE_PAYMENTS_MRC_V
AP_PAYMENT_DISTS_ALL_MRC_V
AP_PAYMENT_DISTS_MRC_V
AP_RECON_DISTS_ALL_MRC_V
AP_RECON_DISTS_MRC_V
AP_SYSTEM_PARAMETERS_MRC_V
AP_SYSTEM_PARAMS_ALL_MRC_V
FINANCIALS_SYSTEM_PARAMS_MRC_V
FIN_SYSTEM_PARAMS_ALL_MRC_V

Created to support Approval.

AP_TEMP_APPROVAL

Changed Views

We added new columns to the following views. The same columns listed in the *Changed Tables* section were added to the following views:

AP_EXPENSE_REPORT_PARAMS
AP_EXPENSE_REPORT_HEADERS
AP_PAYMENT_DISTRIBUTIONS

AP_PAYMENT_SCHEDULES
 AP_RECURRING_PAYMENTS
 AP_REPORTING_ENTITIES
 AP_SYSTEM_PARAMETERS
 AP_TAX_CODES
 FINANCIALS_SYSTEM_PARAMETERS
 FINANCIAL_PURGES_V

View	New Column(s)
AP_BANK_ACCOUNTS	EFT_USER_NUMBER
AP_CHECKS	STAMP_DUTY_AMT STAMP_DUTY_BASE_AMT
AP_CHECKS_V	STAMP_DUTY_AMT STAMP_DUTY_BASE_AMT
AP_EXPENSE_REPORT_LINES	POLICY_SHORTPAY_FLAG
AP_INVOICE_DISTRIBUTIONS	LINE_GROUP_NUMBER RECEIPT_VERIFIED_FLAG RECEIPT_REQUIRED_FLAG RECEIPT_MISSING_FLAG JUSTIFICATION EXPENSE_GROUP START_EXPENSE_DATE END_EXPENSE_DATE RECEIPT_CURRENCY_CODE RECEIPT_CONVERSION_RATE RECEIPT_CURRENCY_AMOUNT DAILY_AMOUNT WEB_PARAMETER_ID ADJUSTMENT_REASON
AP_INVOICE_DISTRIBUTIONS_V	DESTINATION_TYPE_CODE
AP_INVOICE_PAYMENTS_V	APS_EXTERNAL_BANK_ACCOUNT_ID GLOBAL_ATTRIBUTE_CATEGORY GLOBAL_ATTRIBUTE 1-20
AP_INVOICES	PAYMENT_CROSS_RATE_TYPE PAYMENT_CROSS_RATE_DATE PAY_CURR_INVOICE_AMOUNT

AP_INVOICES_V	PAYMENT_CROSS_RATE_TYPE PAYMENT_CROSS_RATE_DATE PAY_CURR_INVOICE_AMOUNT BANK_BRANCH_NAME BANK_ACCOUNT_NUM
AP_INVOICES_READY_TO_PAY_V	EXTERNAL_BANK_ACCOUNT_ID
AP_INVOICE_DISTS_INQUIRY	APS_EXTERNAL_BANK_ACCOUNT_ID GLOBAL_ATTRIBUTE_CATEGORY GLOBAL_ATTRIBUTE 1-20
AP_VENDORS_V	EDI_PAYMENT_METHOD_DISP EDI_REMITTANCE_METHOD_DISP
AP_PAYMENT_DISTRIBUTIONS	DESTINATION_TYPE_CODE
AP_RECURRING_PAYMENTS_ALL	EXTERNAL_BANK_ACCOUNT_ID BANK_ACCOUNT_NAME BANK_NAME BANK_NUMBER BANK_NUM
AP_REPORTING_ENTITIES	GLOBAL_ATTRIBUTE_CATEGORY GLOBAL_ATTRIBUTE 1-20
AP_VENDOR_SITES	ECE_TP_LOCATION_CODE EDI_PAYMENT_METHOD_DISP EDI_REMITTANCE_METHOD_DISP
AP_VENDOR_SITES_V	ECE_TP_LOCATION_CODE EDI_PAYMENT_METHOD_DISP EDI_REMITTANCE_METHOD_DISP

New Indexes

Index	Table	Referenced Column
AP_AWT_GROUPS_U1	AP_AWT_GROUPS	GROUP_ID
AP_EXPENSE_REPORT_HEADERS_N4	AP_EXPENSE_REPORT_HEADERS_ALL	INVOICE_NUM

New Sequences

Added to support the Invoice Open Interface Tables, Procurement Card Integration, and Enhanced Applications for the Web Integration:

AP_CARDS_S
 AP_CARD_CODES_S
 AP_CARD_CODE_SETS_S
 AP_CARD_GL_SETS_S
 AP_CARD_PROFILES_S
 AP_CARD_PROFILE_LIMITS_S
 AP_CARD_PROGRAMS_S
 AP_CARD_REQUESTS_S
 AP_EXPENSE_FEED_DISTS_S
 AP_INTERFACE_GROUPS_S
 AP_INVOICE_LINES_INTERFACE_S

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

The following lookups were added to support Procurement Card Integration:

New Lookup Types	Lookup Code – Displayed Field
CARD EXCEPTION	Distribution Required
	Duplicate Reference
	Cannot Determine Account
	Invalid Card Code
	Invalid Card Number
	Invalid Post Currency
	Invalid Currency
CARD TYPE	Procurement
	Travel
PCARD TRX STATUS	Approved
	Verified
	Disputed
	Personal
	Rejected

New Lookup Types	Lookup Code – Displayed Field
	Hold
	Validated
EMPLOYEE NOTIFICATION METHOD	Verification Required
	Notification Only
	None
TIME UNIT	Transaction
	Day
	Month
	Period
MGR APPROVAL METHOD	Approval Required
	Notification Only
	None
REQUEST STATUS	Approved
	Rejected
REQUEST TYPE	New
	Update

Changed LOVs (QuickCodes)

The Vendor QuickCode was renamed to Supplier.. In addition, we added lookup codes for the following lookup types:

Changed Lookup Types	Lookup Code – Displayed Field
HOLD CODE	Natural Account Tax
	Natural Account Tax OK
PAY_DIST_TYPES	Rounding
SOURCE	EDI Gateway

Obsolete LOVs (QuickCodes)

The following lookup codes were used in APXACEFS (character mode).

AMOUNT MASK
ERROR CHECK COLUMN
RECON DETAIL COLUMN

New Workflows

Added to support the Payables Open Interface:

Payables Open Interface Workflow

Added to support Procurement Card Integration:

Credit Card Transaction Employee Workflow

Credit Card Transaction Manager Workflow

Changed Menus

In addition to new menu paths for all new windows, the following windows owned by other products were added to the standard Payables Manager default navigator menu:

Organization

Tax Options

New Menu

Added to support Multiple Reporting Currencies:

AP_MRC_NAVIGATOR_GUI

New Responsibility

Added to support Multiple Reporting Currencies:

MRC Payables Manager

This responsibility has a new Navigation Menu assigned to it, AP_MRC_NAVIGATOR_GUI. It also has a new Report Security Group assigned to it, MRC Programs AP.

Additional Information: *(Multiple Reporting Currencies in Oracle Applications)*

Changed Responsibility

The Payables Manager GUI responsibility was renamed to Payables Manager..

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Added to support Web Employees enhancements:

WebExpenses:Enable DescFlex

WebExpenses:Enable Tax

WebExpenses:Report Number Prefix

Obsolete Profile Options

First Day of Week

Production Release 10SC Features and Changes

This section lists new features added to Payables between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features are divided by the release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16

This section lists the enhancements that have been made between 10SC Production 15 and Production 16.

Oracle EDI Gateway Integration for Outbound Payments

Oracle Payables fully integrates with Oracle EDI Gateway to produce electronic payments and remittance advice information for your suppliers. Oracle EDI Gateway extracts payment information from Oracle Payables to be processed by the EDI translator of your choice to create an outbound payment data file (ASC X12 825/PAYORD).

Note: The Oracle EDI Gateway Integration has a Beta status in Production 16 and should be used only with a test or

demonstration database. This feature has a Production status in Release 11.

Oracle Applications for the Web Version 2.0 Integration

If you install Oracle Applications for the Web Version 2.0, your employees can enter expense reports in Oracle Web Employees. You can view these expense reports in Payables and then use Payables Invoice Import to create invoices. Use the Expense Report Templates window to set options and defaults for Oracle Web Employees expense types, and use the Expense Reports window to audit Web Employees expense reports after they have been entered.

Oracle Applications for the Web Version 2.0 provides security so that your suppliers can use Oracle Web Suppliers to remotely review their invoices and payments.

Multiple Supplier Banks

If you enable this option, you can enter your suppliers' bank account information in the Banks window. You can then assign bank accounts to your suppliers and supplier sites. If you do not enable this option, you can continue to enter a single bank for each supplier or supplier site in the Suppliers and Supplier Sites windows.

Note: The Multiple Supplier banks feature has a Beta status in Production 16, and should be used only with a test or demonstration database. This feature has a Production status in Release 11. In Release 11 this feature is automatically enabled.

Alternate Field Entry and Sorting by Alternate Field Profile options

You can enable a new profile option that allows you to set up alternate names for suppliers, supplier sites, banks, bank branches, and bank accounts. And, you can have Payables sort certain reports by the alternate name when it sorts the reports by supplier or bank.

Note: The Alternate Name feature has a Beta status in Release 10SC Production 16 and should be used only with a test or demonstration database. This feature has a Production status in Release 11.

Enhanced Automatic Tax Calculation

Payables expanded its automatic tax calculation capability to support automatic tax calculation at the invoice header or distribution line level for amounts that are either inclusive or exclusive of tax. You set the

Payables options to control whether you use Automatic Tax Calculation and which default level: Header or Line. You also set your default Rounding Rule for tax calculations: Up, Down, or Nearest. Both of these options default to your suppliers and supplier sites, where you can choose to override the default. Also, during invoice entry you may choose to override the tax calculation level and determine whether distributions amounts include or exclude tax.

You can also specify the Precision and Minimum Accountable Unit for Payables to use when performing tax calculations for your functional currency invoices and expense reports.

Note: The enhanced automatic tax calculation and rounding feature has a Beta status in Production 16 and should be used only with a test or demonstration database. This feature has a Production status in Release 11.

10SC Production Release 1–15

This section lists the enhancements that have been made since Payables was included as a Release 10SC Production product in Production 14.

Selecting Multiple Records

You can select multiple records by using [Ctrl] and your mouse. This method works as a toggle, so you can also deselect a record with the same method. You can select ranges of records by using [Shift] and your mouse. You can select or deselect all records by using the Select All or Deselect All options from the Edit menu.

You can combine these methods to maximize your productivity. For example, to select all but one record, you can choose Select All from the Edit menu, and then use [Ctrl] and your mouse to deselect one record.

Integration with Oracle Cash Management

You can use Cash Management to reconcile payments created in Payables to your bank statements. Cash Management updates the status of Payables payments to Reconciled, and, if you enable the Allow Reconciliation Accounting Payables option, creates reconciliation accounting entries. Payables transfers the accounting entries to your general ledger when you post payments in Payables.

Function Security

If a responsibility does not allow a user to perform a function, the check boxes and buttons that are associated with the function do not appear

for that responsibility. For example, if a user's responsibility does not have the Invoice Workbench Holds subfunction assigned to it, the Holds button does not appear in the Invoice workbench when that user uses Payables.

Automatic Withholding Tax

You can withhold taxes from your employee expense reports and supplier invoices.

Flexible Address Formats

You can enter addresses in country-specific formats on GUI supplier, bank, and payment forms.

Prorating During Purchase Order Matching

When you match invoices to purchase orders, you can prorate tax, freight, and miscellaneous charges.

Entering Freight on Invoices

In addition to entering freight charges by proration and entering distributions manually in the Distributions Summary, you can now record freight charges by using the Create Freight Distribution check box in the Invoices Summary.

If you enable the Automatically Create Freight Distribution Payables option and specify a default freight account, when you enter a freight amount in the Invoices Summary, Payables automatically enables the Create Freight Distribution check box and creates a freight distribution.

Positive Pay

With the Positive Pay feature, you can work with your bank to prevent check fraud. When you create a payment batch or individual payment in Payables, you can create the Positive Pay Report, which is a list of checks issued to suppliers and employees. Use your third-party or custom positive pay program to format the Positive Pay Report in the format required by your bank, and transmit it to your bank electronically. As checks clear, the bank identifies exceptions, which you can choose to process or exclude from payment.

Note: The Positive Pay feature has a Beta status in Production 15 and should be used only with a test or demonstration

database. This feature has a Production status in Release 10SC Production 16.

Payment on Receipt

If you have installed Oracle Purchasing, you can increase the efficiency of your procurement process by generating payments to suppliers based on receipt transactions. You can set up your suppliers to be paid either on receipt or delivery, and you can choose the level of invoice consolidation: packing slip, receipt, or supplier pay site. After receipt or delivery transactions are created, Oracle Purchasing automatically creates an invoice in Payables and matches it to the corresponding purchase order. You can then approve and pay these purchase order-matched invoices using standard Payables payment processing functionality.

New and Improved Windows

Find Invoice Distributions Window

From the Invoice Distributions Summary, open the Find Invoice Distributions window either by choosing the Find icon from the toolbar, or by selecting Find from the Query menu. Enter search criteria and choose Find to navigate to the Distributions Summary where Payables displays all invoice distributions that match your criteria.

Find Invoices to Apply Window

When applying a prepayment to an invoice in the Apply/Unapply Prepayment window, use the Find Invoices to Apply window to narrow your search. To open the Find Invoices to Apply window, choose the Find icon from the toolbar or select Find from the Query menu. Enter search criteria and choose Find to navigate to the Apply/Unapply Prepayment window where Payables displays all invoices that match your criteria.

Find Prepayments to Apply Window

When entering an invoice and applying a prepayment in the Apply/Unapply Prepayment window, use the Find Prepayments to Apply window to narrow your search. To open the Find Prepayments window, choose the Find icon from the toolbar or select Find from the Query menu. Enter search criteria and choose Find to navigate to the Apply/Unapply Prepayment window where Payables displays all prepayments that match your criteria.

Suppliers Inquiry Window

You can view supplier information in inquiry mode by using the Suppliers:Inquiry navigation path. If you view supplier information in inquiry mode, you cannot adjust any information in the Suppliers or Supplier Sites windows.

Modules

Changed Windows

Changed for Oracle EDI Gateway Integration for Outbound Payments:

Suppliers

Supplier Sites

Banks

Changed for Oracle Applications for the Web Version 2.0 Integration:

Expense Report Templates

Expense Reports

Changed for the Multiple Supplier Banks feature:

Banks

Suppliers

Payables Options

Changed for Alternate Field Entry and Sorting by Alternate Field Profile options:

Banks

Suppliers

Supplier Sites

Changed for Enhanced Automatic Tax Calculation:

Distribution Summary

Payables Options

Suppliers

Supplier Sites

Invoice Tolerances window

In Production 16 and later, a null value for the tolerance field indicates infinite tolerance, and a value of 0 indicates zero tolerance. If you have zero tolerance, Payables applies a hold if you have any variance, no matter how small the variance is. If you have an infinite tolerance, Payables will not apply a hold, no matter how large the variance is.

Changed Reports

The following table lists the reports affected by the AP: Sort By Alternate Fields profile option:

Report Name	Sorted by Supplier Name	Sorted by Supplier Site Name	Sorted by Bank Account Name
Accounts Payable Journal Entry Audit Report	✓		✓
Accounts Payable Journal Entry Exception Report	✓		
Accounts Payable Trial Balance	✓		
Accrual Reconciliation Report	✓		
Cash Requirement Report	✓		
Invoice Aging Report	✓	✓	
Invoice Approval Quick Release Report	✓		
Invoice on Hold Report	✓		
Invoice Register	✓		
New Supplier/New Supplier Site Listing	✓	✓	
Posted Invoice Register	✓		
Posting Hold Report	✓		
Preliminary/Final/Rejected Purged Listings	✓		✓
Prepayments Status Report	✓		
Unposted Invoice Sweep	✓		
Supplier Mailing Labels	✓	✓	
Suppliers Paid Invoice History	✓	✓	
Suppliers Report	✓	✓	

Database Objects

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16

The following database objects were added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Views

AP_PO_USRDEF_LOOKUP_CODES_V

Created to allow Purchasing and Payables user-defined QuickCodes to be seen in the Payables Quickcodes window.

AP_SRS_SOB_NAME_V

Created to make report submission more user-friendly.

Modified Tables

Table	New Column(s)
AP_BANK_BRANCHES	AP_BANK_BRANCHES
AP_EXPENSE_REPORT_LINES_ALL	ADJUSTMENT_REASON
AP_INVOICE_DISTRIBUTIONS	AP_INVOICE_DISTRIBUTIONS
AP_INVOICE_PAYMENTS_ALL	EXTERNAL_BANK_ACCOUNT_ID
AP_PAYMENT_PROGRAMS	PROGRAM_NAME

Table Name	Column Name	New Size
AP_PAYMENT_DOCUMENTS	PROGRAM NAME	VARCHAR2(30)

Modified Views

To provide additional information for Oracle EDI Gateway Integration, new columns were added to the following views:

View	New Column(s)
AP_VENDORS_V	EDI_PAYMENT_METHOD EDI_PAYMENT_FORMAT EDI_REMITTANCE_METHOD EDI_REMITTANCE_INSTRUCTION BANK_BRANCH_TYPE

View	New Column(s)
	EDI_TRANSACTION_HANDLING
AP_VENDOR_SITES_V	TP_HEADER_ID

To provide additional information for the Positive Pay feature we added the following column:

View	New Column(s)
AP_CHECK_STOCKS_ACTIVE_V	BANK_NUM

To accommodate Oracle Applications for the Web Integration, new columns were added to the following views:

View	New Column(s)
AP_EXPENSE_REPORT_LINES	ADJUSTMENT_REASON POLICY_SHORTPAY_FLAG
AP_EXPENSE_REPORT_HEADERS_V	WORKFLOW_APPROVED_FLAG MGMT_REVIEWED_FLAG AP_REVIEWED_FLAG

To accommodate the Multiple Supplier Banks feature, new columns were added to the following views:

View	New Column(s)
AP_INVOICE_PAYMENTS	EXTERNAL_BANK_ACCOUNT_ID
AP_INVOICE_PAYMENTS_V	EXTERNAL_BANK_ACCOUNT_ID

To accommodate the enhanced Automatic Tax Calculation feature, new columns were added to the following views:

View	New Column(s)
AP_INVOICE_DISTRIBUTIONS_V	PO_CODE_COMBINATION_ID TAX_CALCULATED_FLAG

Country-specific Columns

This section lists the attribute columns that have been added to many views to support country-specific localizations. The columns are GLOBAL_ATTRIBUTE_# and GLOBAL_ATTRIBUTE_CATEGORY and are reserved for use by Oracle Applications Global Development. Do not use these columns for your own customizations. For more information, see your country-specific technical documentation.

AP_CHECKS_V
AP_EXPENSE_REPORT_HEADERS_V
AP_INVOICES_V
AP_INVOICE_DISTRIBUTIONS_V
AP_PAYMENT_SCHEDULES_V
AP_RECURRING_PAYMENTS_V
AP_TAX_CODES_V
AP_VENDORS_V
AP_VENDOR_SITES_V

Seed Data

The following seed data has been added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

10SC Production Release 16

New LOV's (Quickcodes)

Modified to support Multiple Supplier Banks, the enhanced Vendor Mailing Labels, and National Language Support report.

Changed Lookup Types	Lookup Code – Displayed Field
DON'T PAY REASON	No Supplier Bank Account
MAIL_LABEL_ATTN_MESSAGE	Attn: Accounts Receivable
MAIL_LABEL_PRINT_STYLE	Formatted Unformatted
NLS TRANSLATION	Initiate Stop Release Stop

Changed LOV's (Quickcodes)

The EFT Payment Method was renamed ELECTRONIC.

Payment Formats

Added to support Oracle EDI Gateway Integration:
EDI Outbound Program

New Profile Options

Added to support Web Employees enhancements:

WebExpenses:Allow Non-Base Pay

WebExpenses:Overrider Required

WebExpenses:CC Overrider Req

WebExpenses:Override Approver

WebExpenses:Purpose Required

The following profile options were added to support the Alternate Fields feature:

AP:Enter Alternate Fields

AP:Sort by Alternate Fields

The following profile option is used only in Japan:

AP:Bank File Character Set

Oracle Product Configurator

This chapter lists the new features offered when you upgrade from Release 10.7 Production 16 to Release 11 of Product Configurator and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10.7 Production 16.1 features and changes. Refer to the following table to determine which part(s) of the new features or changed topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Product Configurator between Release 10SC Production 16.1 and Release 11 and describes the

changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made between 10SC Production 16.1 and Release 11.

AutoExclusion Support

In addition to assigning autoselection constraints, you can assign and define extensive autoexclusion constraints.

AutoSelection at Booking

You can identify AutoSelections that are delayed until your order is booked. This allows you to improve online order taking response time by delaying the selection of manufacturing components that are not relevant to pricing and ATP calculations until later in the order cycle.

Multi-Order System Configurations

Using Product Configurator, you can assign a system number to multiple order lines, either within a single order or across several orders. This lets you validate any single model line individually or within the context of the entire system. Constraints and AutoSelections take into account all options from all model order lines in the system.

System Add-ons and Upgrades

You can take an order for an add-on option or replacement option for an existing customer and validate the order taking into account the options on their current system.

Configuration Match and Reserve

You can reuse existing configuration items that match configurations on new Assemble-to-Order requests. You can check for a matching configuration during order entry and reserve it for the order instead of creating new configuration items.

User-ID Function

Product Configurator validates certain attributes and constraints based on the User-ID logged in to the application.

Extensible Validation and Autoselection

Product Configurator provides extensibility points for you to call user-defined PL/SQL functions from constraint and AutoSelection definitions. You can use these points to incorporate arbitrary complex logic based on any enterprise data that is accessible through PL/SQL. You can use PL/SQL extensions to call user defined functions for:

- Constraint definition
- AutoSelection and AutoExclusion selection value expression
- AutoSelection and AutoExclusion option selection function

Modules

This section lists enhancements made between 10SC Production 16.1 and Release 11.

New Windows

- Item Attribute Values window
- Constraint Detail window

Changed Windows

- Configurator window
- Define Constraint window

Obsolete Windows

The Attribute Values window has been removed.

New Reports

- Attribute Where Used report
- Configurator Messages report
- AutoSelection / AutoExclusion Item and Attribute Where Used report

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Views

- CZ_CONSTR_ATTR_RIGHT_V
- CZ_CONSTR_ATTR_LEFT_V
- CZ_SYSTEM_COMPONENTS_V
- CZ_ITEM_ATTRIBUTE_VALUES_V

Changed Views

CZ_CONSTRAINT_ASSIGNMENTS_V	
New Columns	PRICE_FLAG
	REVENUE_FLAG
	AUTOSELECT_ON_BOOK

SO_CONFIG_COMPONENTS_V	
Changed Column	DETAILS_FLAG

API Changes

The following PL/SQL packages have changed for Release 11:

- CZ_VALIDATE_CONFIGURATION
- CZ_CONSTRAINT_ASSIGNMENTS_PKG
- CZ_CONSTRAINT_MESSAGES_PKG

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New List of Values (Quick Codes)

Added to SO_LOOKUP_TYPES:

- OESCH MATCH AND RESERVE ACTION

Added to MFG_LOOKUPS:

- ATO_MATCH_RESERVE

Added to SO_LOOKUPS:

- MATCH_INQUIRY
- MATCH_RESERVE

Added to FND_COMMON_LOOKUPS:

- USER_ID
- USER_DEF

New Menus

- Item Attribute Values
- Configurator System Types
- Reports
- Requests
- Change Org

New Value Sets

Added to support the new reports that were added to Release 11:

- BOM_CZ_SRS_ORDER_TYPE
- BOM_CZ_SRS_ORDER_NUMBER
- BOM_CZ_SRS_LINE_NUMBER
- CZ_CUSTOMER_NAME
- CZ_CUSTOMER_NUMBER
- CZ_SALESREP_NAME
- BOM_CZ_SRS_MODEL
- CZ_YES_NO
- CZ_MESSAGES_SORT_ORDER

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

BOM:CHECK_DUPL_CONFIG

Determines if the Create Configuration Item process should try to find an existing duplicate configuration rather than creating a new item.

BOM:MULTILEVEL_ATO

Facilitates Multilevel ATO support for a future release.

CZ:VALIDATE_ON_EXIT

Automatically validates when Save button is selected.

CZ:USE SIMPLE CONFIGURATOR

Determines if the web-based Product Configurator will use simple HTML coding or JAVA

Production Release 10SC Features and Changes

This section contains an overview of the enhancements made to Product Configurator. It describes the features and changes between Release 10.7 and Release 10SC Production 16.1.

Modules

Windows

- Item Attribute Values window

Changed Windows

The following windows were enhanced to make it easier to set up attributes:

- Attributes window
- Regions window
- Region Items window

- Assign Constraints window

Profile Options

The following profile options were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1:

New Profile Options

CZ:Automatically Validate on Exit

Indicate whether Product Configurator should automatically validate an order.

Oracle Projects

This chapter lists new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Projects and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your Oracle Projects upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Note: As of Release 10.7, the product formerly known as Oracle Project Accounting is now named Oracle Projects.

Release 11 Features and Changes

This section lists new features added to Oracle Projects between Release 10SC Production 16.1 and Release 11 and describes changes

made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made between 10SC Production 16.1 and Release 11.

Integration with Other Oracle Applications

Oracle Payables Account Generation Enhancements

Oracle Payables now uses the workflow-based Account Generator instead of FlexBuilder to generate the GL accounts for project-related transactions. In addition, Oracle Payables passes the descriptive flexfield values from the invoice header and the invoice distributions to the Account Generator. You can use these values in your account generation rules.

Oracle Manufacturing Integration

Oracle Projects integrates with Oracle Manufacturing to provide Oracle Project Manufacturing, a solution for companies that manufacture products using projects or contracts.

You set up the work breakdown structure (WBS) for a manufacturing project in Oracle Projects. All manufacturing costs are tracked by project and task in your manufacturing system and then imported to Oracle Projects.

Oracle Inventory Integration

You can now issue inventory transactions (issues and receipts) from Oracle Inventory to projects in Oracle Projects. You can order and receive items into inventory before assigning them to a project. You can then assign them to a project as they are taken out of inventory.

Oracle Workflow Integration

Oracle Projects includes Oracle Workflow functionality. You can enable workflow for the following activities:

- Changing a project's status
- Submitting or baselining a budget

You decide which projects or budgets need to be routed through Oracle Workflow, set up the approval chain, and define the business rules that must be met before the transaction can be approved.

You can initiate project and budget approval in an external system via Activity Management Gateway (AMG) or via the standard Oracle Projects windows. You can customize project and budget approval workflow rules using client extensions.

Oracle Project Analysis Collection Pack

Provides out-of-the-box integration with Oracle Applications Data Warehouse. This integration enables you to perform multidimensional analysis of project information across projects and organizations. The following features are provided:

- Predefined standard dimensions (Project, Resource, Expenditure Type, Service Type, Time, Owner Organization, Expenditure Organization, Set of Books, Budget Type)
- Capability to define multiple hierarchies on dimensions
- Flexibility to disable a standard dimension or measure
- Collection views that can easily be modified to filter data
- Custom columns to collect additional information
- Client extensions to pull additional fact table information

Activity Management Gateway

The Application Programming Interfaces (APIs) included in the Activity Management Gateway have been updated to reflect the following changes:

- The API PA_INTERFACE_UTILS_PUB.Get_Accum_Period_Info has been added. This PL/SQL procedure returns information about the last summarized period for a project.
- To include the Oracle Workflow functionality now available in Oracle Projects, the public APIs relating to project status changes and budget submission or baselining can now enable workflow.

These APIs also have new parameters to indicate if workflow has been enabled.

- Parameters have been added to the implementation scripts to address an Oracle8 issue regarding grant assignments.

- The following actions have been removed from the Oracle Projects Control Actions window:
 - Update Parent Task
 - Update Project Manager

For detailed technical information about the Activity Management Gateway APIs, see the *Oracle Projects Activity Management Gateway Technical Reference Manual*.

Integration with non-Oracle Applications

Oracle Project Connect (for Microsoft Project)

Provides integration with Microsoft Project using the Activity Management Gateway. This integration enables you to share information between the Oracle Projects and Microsoft Project. You can perform the following activities using this integration:

- Develop and maintain your project plan using Microsoft Project and then transfer plan data to Oracle Projects based on Oracle Projects templates and overrides. You can later revise a submitted plan in Microsoft Project and transfer the changes to Oracle Projects.
- Send resource assignment quantities as budget quantities and calculate raw cost and burdened cost in Oracle Projects using budget client extensions.
- Receive actuals from Oracle Projects to Microsoft Project for status reporting.

(This feature is also available with Oracle Projects Release 10SC Production 16.1.)

Other Enhancements

Project Status Controls

You can now better control the status of each project during its life cycle. When you define a project status, you specify which functions in Oracle Projects are allowed for that status. You can control the following:

- Create New Transactions
- Adjust Transactions
- Generate Revenue

- Generate Invoice
- Capitalize Assets
- Include in Status Reports

When you change the project status of a project, Oracle Projects uses project verification rules to enforce company-specific business rules that must be met before the change is allowed. With each status change, you can also initiate workflow.

Project and Budget Verification Rules

Before you change the status of a project or a budget, Oracle Projects uses verification rule client extensions to confirm that required conditions have been met. For budgets, Oracle Projects applies different verification rules depending on whether the budget is being submitted or baselined. You can customize the extensions to apply verification rules specific to your company's business.

Organization Flexibility and Reorganization Support

Oracle Projects provides the flexibility to accommodate company reorganizations. You can change your original organization hierarchy and optionally place effective dates on multiple versions of the hierarchy. Oracle Projects also supports changes to project and task organizations after transactions have been entered for the project or task.

Oracle Projects now uses new organization classifications, along with organization hierarchies, to specify which organizations are allowed to:

- Manage projects and tasks (Project Organization Hierarchy)
- Incur expenditures (Expenditure Organization Hierarchy)

You also specify the default reporting hierarchy, and the organization hierarchy to be used for burdening. In prior releases, Oracle Projects used a single organization hierarchy. An organization type was used to specify the functions that an organization could perform.

Multiple Expenditure Type Classes Per Expenditure Type

You can assign multiple expenditure type classes (previously called "system linkages") to each expenditure type. In previous releases, you assigned only one expenditure type class to each expenditure type.

This feature allows you to use a single expenditure type to classify as many different costs as you require. For example, an expenditure with

the expenditure type *Materials* can have the expenditure type class *Supplier Invoice* if it originated in Oracle Payables, and the expenditure type class *Inventory* if it originated in Oracle Inventory. This example is illustrated below:

Expenditure Type	Module Where Expenditure Originated	Expenditure Type Class
Materials	Oracle Payables	Supplier Invoice
Materials	Oracle Inventory	Inventory

With this enhancement, it is no longer necessary to create separate expenditure types for expenditures that have different origins (and possibly different accounting), but which should otherwise be grouped together for costing, budgeting, or summarization purposes.

New Expenditure Type Classes

Collecting miscellaneous costs in Oracle Projects has been simplified with the addition of the following new expenditure type classes:

- Miscellaneous Transaction
- Burden Transaction
- Work in Process
- Inventory

Miscellaneous transactions track miscellaneous project costs. This expenditure type class is similar to the Usages expenditure type class, but does not require a non-labor resource or a non-labor resource organization. When you use the Miscellaneous Transaction expenditure type class to collect miscellaneous costs, you do not need to define any non-labor resources or non-labor resource organizations.

Burden transactions track burden costs that are calculated in an external system or that are calculated on a project set up to track burden costs as separate, summarized burden transactions. Such costs are created as separate expenditure items that have burdened cost amounts, but have quantities and raw costs of zero. You can interface these costs to Oracle General Ledger and treat them as you would any other transaction in Oracle Projects that you can adjust and capitalize, and for which you can accrue revenue and generate invoices.

Work In Process transactions track manufacturing resource costs that are interfaced from Oracle Manufacturing for Project Manufacturing integration. You can also use this expenditure type class when you import other manufacturing costs via Transaction Import.

Inventory transactions track manufacturing material costs that are interfaced from Oracle Manufacturing and inventory issues and receipts from Oracle Inventory. You can also use this expenditure type class when you import other manufacturing costs via Transaction Import.

You can collect costs with these expenditure type classes via Transaction Import or pre-approved batch entry. If you integrate with Oracle Manufacturing or Oracle Inventory, use the function security feature to prevent users from entering pre-approved expenditures with an expenditure type class of Work in Process and Inventory.

Oracle Projects provides AutoAccounting functions for each of these expenditure type classes to enable you to define appropriate rules for the cost and revenue accounts.

Enhanced Transaction Import

The Transaction Import enhancements enable you to import a broader range of transactions that are processed in external systems or converted from legacy systems. The enhancements include the following options, which you can control by transaction source:

- **Allow the import of burdened costs along with raw costs.** You cannot audit these burdened costs by burden cost component or change them in Oracle Projects.
- **Allow the import of raw costs already posted to Oracle General Ledger from an external system.** Oracle Projects will not interface these costs to Oracle General Ledger. If the costs have already been accounted for in an external system, you must specify the debit and credit accounts when importing into Oracle Projects.
- **Allow duplicate original system reference values.**
- **Allow adjustments on imported items in Oracle Projects.** Such adjustments include any change that could result in a new GL account or cost amount, including transfers between projects, splits, cost recalculations, and billable reclassifications. You can optionally disallow adjustments if, for example, you will import adjustments from the external system.

In addition, you can query and update transactions that were rejected during the Transaction Import process using the Review Transactions window. After you make corrections, you can resubmit the process from this window.

Expenditure Enhancements

Oracle Projects now allows you to perform the following actions to expenditures:

- **Reverse an expenditure batch.** You can now reverse an entire pre-approved expenditure batch, using the new *Reverse* button in the Expenditure Batches window.
- **Enter unmatched negative transactions.** You can now enter unmatched negative transactions using the Expenditure Batches windows. You can set an option that prevents Oracle Projects from searching for corresponding existing transactions when you enter transactions with negative quantities.
- **Split quantity, raw cost, or burdened cost amounts.** You can now split a transaction's quantity, raw cost, or burdened cost amount, depending on which of these amounts equals zero.

Burden Cost Accounting and Display Options

Oracle Projects now provides the ability to post burden amounts by burden cost code, such as fringe or overhead, to separate GL accounts. Burden cost components are summarized into separate expenditure items using the new Burden Transactions expenditure type class.

You can choose to store burden cost amounts as:

- Total burdened cost on the expenditure item (only this option was available in previous releases)
- Separate, summarized expenditure items

You specify which method to use by project type.

Enhanced Billing Cycle

You can configure your billing cycle to comply with your company's billing practices. You can set up multiple billing cycle codes, and then select the appropriate billing cycle for each project. You can define billing cycles that last a set number of days, bill on a set day of the month, bill on the first Monday of the month, and so on.

Oracle Projects provides a new billing cycle client extension that you can use to derive the next billing date for a project based on a variety of factors, including day of the month, day of the week, and a user-defined billing cycle duration.

Cost-to-Cost Revenue Accrual: Change Budget Type

You can now specify which cost budget type you want to use as input to the cost-to-cost revenue calculation. For example, you may want to use the forecast cost budget instead of the approved cost budget. You specify the cost budget type for cost-to-cost revenue calculation when you define the cost-to-cost billing extension.

Percent Complete Revenue Accrual and Invoice Generation

You can enter the percent complete value that will drive the revenue accrual or draft invoice calculation. You can enter percent complete values manually in Oracle Projects or interface them from project management systems. Oracle Projects supports percent complete revenue and invoicing at the funding level. You use the billing extension to implement this feature.

Cost Accrual in Revenue Generation

With Cost Accrual, you charge all costs to a cost WIP account and accrue costs when you generate revenue. Oracle Projects provides a case study to illustrate how to implement this feature.

Changes to Billing Extensions

The following changes have been made to the Billing Extensions:

- When you set up a billing extensions, you can now define which cost and/or revenue budget type to use as input.
- When creating an automatic event via billing extensions, you can store audit amounts in new audit columns in the event table.
- To conform to Oracle Applications API coding standards, the package **pb_public** has been renamed **pa_billing_pub**.
- The public procedure **get_budget_amount** has been modified to accept budget type code information, so that the billing extension can determine which budget type to use. If a budget type code is not passed to the **get_budget_amount** procedure, the budget type defaults from the billing extension setup table.
- The public procedures **get_budget_amount**, **insert_event**, and **insert_message** have been modified to accept additional parameters.
- The Generate Draft Revenue and Generate Draft Invoice processes have been modified to add new calling places.

Automatic Invoice Approve/Release Extension

Use this extension to include automatic approval and invoice release in the Generate Draft Invoice process.

AR Transaction Type Extension

Use this extension to determine the AR transaction type when you run the Transfer Invoices to Oracle Receivables process.

Multiple Reporting Currencies

The Multiple Reporting Currencies (MRC) feature allows you to report and maintain accounting records at the transaction level in more than one functional currency. You can define one or more reporting sets of books in addition to your primary set of books. In your reporting sets of books, you maintain records in a functional currency other than your primary functional currency. You can set up as many reporting sets of books as you need, and associate them with a primary set of books.

Typically, you use MRC in the following situations:

- You operate in a country with an unstable currency and you need to concurrently report your business in a hard currency.
- Your company is multinational, and you need to report financial information in a common functional currency other than that of the transaction or your primary functional currency.
- You operate in a country that is part of the European Monetary Union (EMU), and you want to concurrently report in Euro in preparation for the single European currency.

Oracle Projects supports MRC for all accounted amounts in:

- Cost
- Revenue
- Invoices
- Asset costs

Oracle Projects provides two additional responsibilities related to MRC. If you log in to Oracle Projects using either of these responsibilities, you will not have access to all of the standard Oracle Projects windows, functions, reports, and processes. In addition, you must perform certain actions separately in your primary and reporting currencies.

Ability to Set the PA Reporting Period to a Prior Period

This feature was included in Oracle Projects Release 10SC Production 16.1 and is documented in Release 11.

You can set the PA reporting period to a period earlier than the current PA reporting period. You should do this carefully and typically only if you have incorrectly advanced the reporting period. Setting the PA reporting to a prior period may result in a large volume of additional processing if the change requires you to refresh the project summary amounts for most of your projects.

When you set the PA reporting period to an earlier period, the system checks to see if any projects have been summarized through a PA period later than the new PA reporting period. If so, Oracle Projects displays a message indicating that you need to run the Refresh Project Summary Amounts process. You have the option to cancel or proceed with the change.

Multi-Byte Support

Oracle Projects now supports multi-byte character sets to support implementation in foreign languages.

Descriptive Flexfields on Setup Entities

Oracle Projects had added descriptive flexfields to many setup entities to facilitate the configuration of your implementation data for reporting and AutoAccounting. You can use these descriptive flexfield attributes to store values used in AutoAccounting instead of maintaining lookup sets for the entries. These entities include:

- Agreement types
- Budget entry methods
- Budget types
- Class categories
- Class codes
- Compensation rule sets
- Event types
- Expenditure categories
- Expenditure types (available in Production 16.1)
- Burden cost codes

- Lookups
- Non-labor resource organizations
- Non-labor resources
- Project role types
- Transaction sources

New AutoAccounting Parameters

Added a new parameter for expenditure item ID to these AutoAccounting functions:

- Burden Cost Revenue Account
- Expense Report Revenue Account
- Inventory Revenue Account
- Labor Revenue Account
- Labor Revenue Borrowed Account
- Labor Revenue Lent Account
- Miscellaneous Transaction Revenue Account
- Revenue and Invoice Accounts
- Supplier Invoice Revenue Account
- Usage Revenue Account
- Usage Revenue Borrowed Account
- Usage Revenue Lent Account
- Work in Process Revenue Account

Added a new parameter for event number to these AutoAccounting functions:

- Event Revenue Account

Use the new event parameters to read various attributes about an event by defining an AutoAccounting SQL rule using the following example:

```
SELECT ...
FROM pa_events e
WHERE e.project_id=:1
AND nvl(e.task_id,-1)=nvl(:2,-1)
AND e.event_num=:3
```

This example uses the following rule parameters:

1. Project ID
2. Event Task ID
3. Event Number

Miscellaneous Enhancements

- **Enhanced GL Audit Reports.** Oracle Projects has added the following parameters to the GL Cost and Revenue Interface Audit Reports:
 - From/To Account
 - From/To Period
 - From/To Interface Date
 - Journal Entry Batch Name
- **Event Option Removed from Project Setup.** The Events option has been removed from the list of options in the Projects window. You must now enter events using the Events window.
- **Employee Billing Titles Use the Title Field.** Oracle Projects now uses the Title field in the employee assignments for employee billing titles. This is used in place of the first descriptive flexfield attribute on the employee assignment.

If you have set up employee billing titles using the first descriptive flexfield, you must move these values to the Title field. The *Oracle Applications Upgrade Manual* includes a post-upgrade step to perform this change.

Modules

New Windows

Review Transactions Window

Use to query and update transactions that were rejected during Transaction Import. You can query transactions by transaction source or expenditure batch name, and Oracle Projects displays details of the matching transactions. After you make corrections, you can resubmit the Transaction Import process from the Review Transactions window.

You can also use this window to enter new transactions into the interface table for testing purposes.

Billing Cycles Window

Use this window to specify the billing cycle name, type, value, effective dates, and a description of the billing cycle. You define billing cycles to fulfill your business needs, and then assign a billing cycle to each project. The billing cycle uses your billing definition to derive the next billing date for the project.

Mass Update Batches Window

Use this window to change the organization of multiple projects and tasks. The Mass Update window performs the following functions:

- **Creates a batch of projects and/or tasks for which you want to update the owning organization.**
- **Initiates a process that updates the organization on all the projects and tasks specified in the batch.** You can specify whether you want to mark expenditure items for cost and revenue recalculation if you use the project or task organization in your AutoAccounting rules.

You can also run the update as a concurrent program by submitting a request to run the PRC: Process Mass Update Batches process.

This window was added to support the organization flexibility and reorganization support feature.

PTE Employee Assignment to Operating Unit Window

If you intend to use Oracle Personal Time and Expense and have implemented multi-organization support in Oracle Projects, use the PTE Employee Assignment to Operating Unit window to populate and maintain the assignment of each employee to an operating unit in the PA_PTE_MORG_EMP_TAB table. The values in this table determine the operating unit in which the employee's time and expenses are collected. You must perform this step before users can submit PTE expenditures.

Dimensions Window

Use this window to enable or disable the standard dimensions predefined by Oracle Projects for Oracle Applications Data Warehouse integration. After you enable or disable a dimension, choose Regenerate Views to recreate the views used for the interface table collection process.

This window was added to support Oracle Project Analysis Collection Pack.

New Reports and Processes

Collection Pack Processes

The following new processes were added to support the Oracle Project Analysis Collection Pack product:

- Collect Dimension and Fact Tables
- Refresh Dimension and Fact Tables
- Generate Collection Views

Create and Distribute Summarized Burden Component Items

The Create and Distribute Summarized Burden Component Items process summarizes the burden costs and creates the expenditure items for burden transactions.

Process Mass Update Batches

The Process Mass Update Batches process updates the organization on all the projects and tasks specified in a mass update batch.

Project Subledger Audit Reports

The Project Subledger Audit Reports print cost distribution lines related to projects. The reports enable you to drill down from a GL account balance in the trial balance to the individual project-related transactions. The Project Subledger Audit Reports include the following reports:

- Project Subledger Summary
- Project Subledger Detail by Project
- Project Subledger Detail by Expenditure Type

Summarization Period Exception Report

This feature was included in Oracle Projects Release 10SC Production 16.1 and is documented in Release 11.

When you change the current reporting period, Oracle Projects displays a warning message indicating if the change would affect the summary amounts reported on any projects. This report lists projects that will be affected by a change in the reporting period for which project summary amounts should be created, updated, or refreshed.

Changed Reports and Processes

The following reports and processes have been changed to accommodate the new expenditure type classes. The name of each report or process has been changed accordingly.

Release 16.1 and Earlier Name	Release 11 Name
Distribute Usage Costs	Distribute Usage and Miscellaneous Costs
Interface Usage Costs to GL	Interface Usage and Miscellaneous Costs to GL
Tieback Usage Costs from GL	Tieback Usage and Miscellaneous Costs from GL

Reports Converted to Oracle Reports

Interface Audit Reports

Previously written in SQL ReportWriter Version 1.1, two of these reports have been converted to Oracle Reports. These reports are:

Two interface audit reports have been discontinued. These reports are:

Overtime Calculation Report. Previously written in SQL ReportWriter Version 1.1, the sample Overtime Calculation report delivered with Release 11 has been converted to Oracle Reports. If you used the Overtime Calculation program, you must rewrite your custom logic in PL/SQL. The *Oracle Applications Upgrade Manual* includes a post-upgrade step to perform this change.

Unbilled Receivables Aging Report. Previously written in SQL ReportWriter Version 1.1, this report has been converted to Oracle Reports.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Projects. This section does not discuss changes to PL/SQL stored procedures.

For full information about these new database, see Oracle Projects Technical Reference Manual.

New Tables

Created to support enhanced billing cycles:

PA_BILLING_CYCLES

Created to support the Multiple Expenditure Type Classes per Expenditure Type feature:

PA_EXPEND_TYP_SYS_LINKS

Created to support the Mass Update Batches feature in this release:

PA_MASS_UPDATE_BATCHES_ALL

PA_MASS_UPDATE_DETAILS

Created to support multiple reporting currencies:

PA_MC_COST_DIST_LINES_ALL

PA_MC_CUST_EVENT_RDL_ALL

PA_MC_CUST_RDL_ALL

PA_MC_DRAFT_INV_ITEMS

PA_MC_DRAFT_REVS_ALL

PA_MC_EVENTS

PA_MC_EXP_ITEMS_ALL

PA_MC_PRJ_AST_LINES_ALL

PA_MC_PRJ_AST_LINE_DTLS

PA_MC_TXN_INTERFACE_ALL

Created to support the new functionality in organization setup:

PA_ALL_ORGANIZATIONS

Created to support the new Oracle Project Analysis Collection Pack product:

PA_ADW_DIMENSION_STATUS

PA_ALL_EXP_TYPES_IT

PA_ALL_FINANCIAL_YRS_IT

PA_ALL_PRJ_TYPES_IT

PA_ALL_SRVC_TYPES_IT

PA_BGT_TYPES_IT

PA_CLASS_CATGS_IT

PA_CLASS_CODES_IT

PA_EXP_BUSINESS_GRPES_IT

PA_EXP_ORGS_IT

PA_EXP_TYPES_IT

PA_FINANCIAL_QTRS_IT

PA_FINANCIAL_YRS_IT

PA_GL_PERIODS_IT

PA_LEGAL_ENTITY_IT

PA_LOWEST_RLMEM_IT

PA_OLD_RES_ACCUM_DTLS

PA_OPER_UNITS_IT

PA_ORGS_IT
PA_PERIODS_IT
PA_PRJ_ACT_CMT_IT_ALL
PA_PRJ_BGT_LINES_IT_ALL
PA_PRJ_BUSINESS_GRP_S_IT
PA_PRJ_CLASSES_IT
PA_PRJ_ORGS_IT
PA_PRJ_TYPES_IT_ALL
PA_PROJECTS_IT_ALL
PA_RES_LISTS_IT_ALL_BG
PA_SET_OF_BOOKS_IT
PA_SRVC_TYPES_IT
PA_TASK_HISTORY
PA_TOP_RLMEM_IT
PA_TOP_TASKS_IT
PA_TSK_ACT_CMT_IT_ALL
PA_TSK_BGT_LINES_IT_ALL

Created to support the changes to project statuses in this release:

PA_PROJECT_STATUSES
PA_PROJECT_STATUS_CONTROLS

**The following table replaces the table named
PA_PTE_MULTI_ORG_EMP_MAP. A new view was created with the
name PA_PTE_MULTI_ORG_EMP_MAP.**

PA_PTE_MORG_EMP_TAB

Created to support transaction interface enhancements:

PA_TXN_INTERFACE_AUDIT_ALL

Created to support integration with Oracle Workflow:

PA_WF_PROCESSES

Changed Tables

Changed to support enhanced billing cycles.

Table	New Column(s)
PA_PROJECTS_ALL	BILLING_CYCLE_ID
PA_PROJECT_TYPES_ALL	BILLING_CYCLE_ID BILLING_OFFSET

Changed to support billing extension enhancements.

Table	New Column(s)
PA_BILLING_EXTENSIONS	CALL_AFTER_CANCEL_INV_FLAG CALL_AFTER_WOFF_INV_FLAG CALL_BEFORE_DEL_FLAG CALL_POST_REG_FLAG DEFAULT_COST_BUDGET_TYPE_CODE DEFAULT_REV_BUDGET_TYPE_CODE PREDEFINED_FLAG
PA_EVENTS	AUDIT_AMOUNT1 through AUDIT_AMOUNT10 AUDIT_COST_BUDGET_TYPE_CODE AUDIT_REV_BUDGET_TYPE_CODE EVENT_ID

Changed to support Burden Cost Accounting.

Table	New Column(s)
PA_COMMITMENT_TXNS	BURDEN_SUM_DEST_RUN_ID BURDEN_SUM_REJECTION_CODE BURDEN_SUM_SOURCE_RUN_ID
PA_COST_DISTRIBUTION_LINES_ALL	BURDEN_SUM_REJECTION_CODE BURDEN_SUM_SOURCE_RUN_ID
PA_EXPENDITURE_ITEMS_ALL	BURDEN_SUM_DEST_RUN_ID
PA_IND_COST_CODES	EXPENDITURE_TYPE
PA_PROJECT_TYPES_ALL	BURDEN_ACCOUNT_FLAG BURDEN_AMT_DISPLAY_METHOD BURDEN_SUM_DEST_PROJECT_ID BURDEN_SUM_DEST_TASK_ID

Changed to support new descriptive flexfields in this release.

Table	New Column(s)
PA_AGREEMENT_TYPES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_BUDGET_ENTRY_METHODS	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_BUDGET_TYPES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_CLASS_CATEGORIES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_CLASS_CODES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_COMPENSATION_RULE_SETS	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_EVENT_TYPES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_EXPENDITURE_CATEGORIES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_IND_COST_CODES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_LOOKUPS	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_NON_LABOR_RESOURCES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_NON_LABOR_RESOURCE_ORGS	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_PROJECT_ROLE_TYPES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY
PA_TRANSACTION_SOURCES	ATTRIBUTE1 through ATTRIBUTE15 ATTRIBUTE_CATEGORY

Changed to support multiple expenditure type classes per expenditure type.

Table	New Column(s)
PA_EXPENDITURE_ITEMS_ALL	SYSTEM_LINKAGE_FUNCTION
PA_SYSTEM_LINKAGES	COST_CREDIT_FUNCTION_CODE COST_DEBIT_FUNCTION_CODE

Table	New Column(s)
	COST_JE_CATEGORY_NAME
	LABOR_NON_LABOR_FLAG
	PROJECT_MANUFACTURING_FLAG
PA_TRANSACTION_XFACE_CTRL_ALL	SYSTEM_LINKAGE_FUNCTION

Changed to support multiple reporting currencies.

Table	New Column(s)
PA_PROJECT_ASSET_LINE_DETAILS	PROJ_ASSET_LINE_DTL_UNIQ_ID
PA_TRANSACTION_SOURCES	MC_AMOUNTS_POPULATED

Changed to support new functionality in organization setup.

Table	New Column(s)
PA_IMPLEMENTATIONS_ALL	CENTRALIZED_INVOICING_FLAG
	EXP_ORG_STRUCTURE_ID
	EXP_ORG_STRUCTURE_VERSION_ID
	EXP_START_ORG_ID
	PROJ_ORG_STRUCTURE_ID
	PROJ_ORG_STRUCTURE_VERSION_ID
	PROJ_START_ORG_ID

Changed to support the new Oracle Project Analysis Collection Pack product.

Table	New Column(s)
PA_BUDGET_TYPES	ADW_NOTIFY_FLAG
PA_BUDGET_VERSIONS	ADW_NOTIFY_FLAG
PA_CLASS_CATEGORIES	ADW_NOTIFY_FLAG
PA_CLASS_CODES	ADW_NOTIFY_FLAG
PA_EXPENDITURE_TYPES	ADW_NOTIFY_FLAG
PA_PROJECTS_ALL	ADW_NOTIFY_FLAG
PA_PROJECT_CLASSES	ADW_NOTIFY_FLAG
PA_PROJECT_TYPES_ALL	ADW_NOTIFY_FLAG
PA_RESOURCE_ACCUM_DETAILS	ADW_NOTIFY_FLAG
PA_RESOURCE_LISTS_ALL_BG	ADW_NOTIFY_FLAG
PA_RESOURCE_LIST_MEMBERS	ADW_NOTIFY_FLAG
PA_TASKS	ADW_NOTIFY_FLAG
PA_TXN_ACCUM	ADW_NOTIFY_FLAG

Modified to support the changes to project statuses in this release:

Table	New Column(s)
PA_PROJECT_TYPES_ALL	DEF_START_PROJ_STATUS_CODE

Modified to support the new Review Transactions window:

Table	New Column(s)
PA_TRANSACTION_SOURCES	MODIFY_INTERFACE_FLAG

Changed to support transaction import enhancements.

Table	New Column(s)
PA_TRANSACTION_INTERFACE_ALL	CREATED_BY CREATION_DATE LAST_UPDATED_BY LAST_UPDATE_DATE TXN_INTERFACE_ID USER_TRANSACTION_SOURCE

Changed to support integration with Oracle Workflow.

Table	New Column(s)
PA_BUDGET_TYPES	ENABLE_WF_FLAG
PA_BUDGET_VERSIONS	WF_STATUS_CODE
PA_PROJECTS_ALL	WF_STATUS_CODE
PA_PROJECT_TYPES_ALL	ENABLE_BUDGET_WF_FLAG ENABLE_PROJECT_WF_FLAG

The following section lists database tables with columns that have been resized for Release 11.

Table Name	Column Name	New Size
PA_BILLING_MESSAGES	INSERTING_PROCEDURE_NAME	VARCHAR2(80)
PA_INVOICE_GROUP_COLUMNS	GROUP_BY_TEXT	VARCHAR2(500)
	SELECT_TEXT	VARCHAR2(500)
PA_RESOURCES	NAME	VARCHAR2(100)
PA_TRANSACTION_SOURCES	USER_TRANSACTION_SOURCE	VARCHAR2(80)
PA_TXN_ACCUM	MONTH_ENDING_DATE	DATE
	WEEK_ENDING_DATE	DATE

New Views

Created to support billing enhancements in this release:

PA_BILLING_INV_DELETION_V
PA_BILLING_INV_PROCESSED_V
PA_BILLING_REV_DELETION_V
PA_BILLING_REV_INV_DELETION_V

Created to support burden cost accounting:

PA_BURDEN_EXP_ITEM_CDL_V
PA_CDL_BURDEN_DETAIL_V
PA_CDL_BURDEN_SUMMARY_V
PA_CDL_BURDEN_SUM_ERROR_V
PA_CMT_BURDEN_DETAIL_V
PA_CMT_BURDEN_SUMMARY_V
PA_CMT_BURDEN_SUM_ERROR_V
PA_CMT_BURDEN_TXN_V

Created for use by the GL Audit Report in selecting Journal Entry batch names:

PA_SRS_COST_BATCH_NAME_V
PA_SRS_REV_BATCH_NAME_V

Created to support the Mass Update Batches feature:

PA_MASS_UPDATE_BATCHES
PA_MU_BATCHES_V
PA_MU_DETAILS_V
PA_MU_PROJECTS_LOV_V

Created to support multiple expenditure type classes per expenditure type:

PA_EXPEND_TYP_SYS_LINKS_V

Created to support multiple reporting currencies:

PA_COST_DIST_LINES_ALL_MRC_V
PA_COST_DIST_LINES_MRC_V
PA_CURRENCY_UOM_V
PA_CUST_EVENT_RDL_ALL_MRC_V
PA_CUST_EVENT_RDL_MRC_V
PA_CUST_RDL_ALL_MRC_V

PA_CUST_RDL_MRC_V
PA_DRAFT_INVOICE_ITEMS_MRC_V
PA_DRAFT_REVENUES_ALL_MRC_V
PA_DRAFT_REVENUES_MRC_V
PA_DRAFT_REVENUE_ITEMS_MRC_V
PA_EVENTS_MRC_V
PA_EXPENDITURES_MRC_V
PA_EXPENDITURE_ITEMS_ALL_MRC_V
PA_EXPENDITURE_ITEMS_MRC_V
PA_IMPLEMENTATIONS_ALL_MRC_V
PA_IMPLEMENTATIONS_MRC_V
PA_PROJ_ASSET_LINES_ALL_MRC_V
PA_PROJ_ASSET_LINES_MRC_V
PA_PROJ_ASSET_LINE_DTLS_MRC_V
PA_TXN_INTERFACE_ALL_MRC_V
PA_TXN_INTERFACE_MRC_V

Created to support the new Oracle Project Analysis Collection Pack product:

PA_ADW_ACT_CMT_B_V
PA_ADW_ACT_CMT_V
PA_ADW_BGT_LINES_B_V
PA_ADW_BGT_LINES_V
PA_ADW_BGT_TYPES_B_V
PA_ADW_BGT_TYPES_V
PA_ADW_CLASS_CATGS_B_V
PA_ADW_CLASS_CATGS_V
PA_ADW_CLASS_CODES_B_V
PA_ADW_CLASS_CODES_V
PA_ADW_CURRENT_TASKS
PA_ADW_EXP_TYPES_B_V
PA_ADW_EXP_TYPES_V
PA_ADW_INTERFACED_TASKS
PA_ADW_LOWEST_RLMEM_B_V
PA_ADW_LOWEST_RLMEM_V
PA_ADW_OPER_UNITS_B_V
PA_ADW_OPER_UNITS_V
PA_ADW_ORGS_B_V

PA_ADW_ORGS_V
PA_ADW_PERIODS_B_V
PA_ADW_PERIODS_V
PA_ADW_PRJ_CLASSES_B_V
PA_ADW_PRJ_CLASSES_V
PA_ADW_PRJ_TYPES_B_V
PA_ADW_PRJ_TYPES_V
PA_ADW_PROJECTS_B_V
PA_ADW_PROJECTS_V
PA_ADW_RES_LISTS_B_V
PA_ADW_RES_LISTS_V
PA_ADW_R_ACT_CMT_B_V
PA_ADW_R_ACT_CMT_V
PA_ADW_R_BGT_LINES_B_V
PA_ADW_R_BGT_LINES_V
PA_ADW_R_ST_ACT_CMT_B_V
PA_ADW_R_ST_ACT_CMT_V
PA_ADW_SRVC_TYPES_B_V
PA_ADW_SRVC_TYPES_V
PA_ADW_TOP_RLMEM_B_V
PA_ADW_TOP_RLMEM_V
PA_ADW_TOP_TASKS_B_V
PA_ADW_TOP_TASKS_V
PA_PRJ_ACT_CMT_IT
PA_PRJ_BGT_LINES_IT
PA_PRJ_TYPES_IT
PA_PROJECTS_IT
PA_RES_LISTS_IT
PA_TSK_ACT_CMT_IT
PA_TSK_BGT_LINES_IT

Created to support the new Project Subledger Audit reports:

PA_GL_COST_XFER_AUDIT_V
PA_GL_REV_XFER_AUDIT_V
PA_PROJ_COST_SUBLEDGER_V

Renamed to support new functionality in Oracle Personal Time and Expense (PTE). The former names were the same as the new ones, except that they did not include "PA_" at the beginning.

PA_PTE_DL_ET_V
PA_PTE_DL_LKUP_V
PA_PTE_DL_WBS_V
PA_PTE_EXPENDITURES_DLD_V
PA_PTE_MULTI_ORG_EMP_MAP
PA_PTE_ORGS_V
PA_PTE_PROJ_ROLE_TYPE_V
PA_PTE_PROJ_TYPES_V
PA_PTE_WBS_DOWNLOAD_V

Created to support Transaction Import enhancements:

PA_TRANSACTION_INTERFACE_V
PA_TXN_INTERFACE_AUDIT

Changed Views

Changed to support enhanced billing cycles:

PA_PROJ_BILLING_DETAIL_VIEW

Changed to support multiple expenditure type classes per expenditure type:

PA_ASSET_LINE_DETAILS_V
PA_BILL_RATES_V
PA_BILLING_INV_TRANSACTIONS_V
PA_BILLING_REV_TRANSACTIONS_V
PA_COMMITMENT_TXNS_V
PA_COST_EXCEPTIONS_SUM_V
PA_CUST_REV_DIST_LINES_V
PA_DRAFT_INV_LINE_DETAILS_V
PA_EXPENDITURE_TYPES_RES_V
PA_LABOR_EXPENDITURES_VIEW
PA_PROJ_AP_INV_DISTRIBUTIONS
PA_PROJ_COST_EXPEND_VIEW
PA_PROJ_EXPEND_VIEW
PA_STATUS_EI_V
PA_TRANSACTION_XFACE_CONTROL
PA_PROJ_COST_SUBLEDGER_V

Changed to support new functionality in organization setup:

PA_ORG_REPORTING_VIEW
 PA_ORGANIZATIONS_EXPEND_V
 PA_ORGANIZATIONS_EVENT_V
 PA_ORGANIZATIONS_PROJECT_V
 PA_ORGANIZATIONS_RES_V
 PA_ORGANIZATIONS_V
 PA_PROJ_ORG_STRUCTURES_V

**Changed to refer to PA_PROJECT_STATUSES rather than
 PA_LOOKUPS to get PROJECT_STATUS_NAME:**

PA_OVERRIDE_FIELD_VALUES_V
 PA_DRAFT_INVOICES_V
 PA_DRAFT_REVENUES_V
 PA_PROJ_INFO_VIEW
 PA_PROJ_MEMBERS_VIEW
 PA_PROJECT_STATUS_LOV_V
 PA_PROJECTS_V

The following additional view changes were made:

View	New Column(s) or Change(s)
PA_COST_DISTRIBUTION_LINES	BURDEN_SUM_SOURCE_RUN_ID BURDEN_SUM_REJECTION_CODE
PA_EVENTS_V	EVENT_ID
PA_EXPEND_ITEMS_ADJUST2_V	COSTED_FLAG COST_BURDENED_FLAG GL_ACCOUNTED_FLAG BURDEN_SUM_DEST_RUN_ID BURDEN_SUM_REJECTION_CODE BURDEN_SUM_REJECTION_M PROJECT_STATUS_CODE
PA_EXPEND_ITEMS_ADJUST_V	COSTED_FLAG COST_BURDENED_FLAG GL_ACCOUNTED_FLAG BURDEN_SUM_DEST_RUN_ID BURDEN_SUM_REJECTION_CODE BURDEN_SUM_REJECTION_M PROJECT_STATUS_CODE

View	New Column(s) or Change(s)
PA_EXPEND_ITEMS_REVIEW_V	OLD: SELECT SYSTEM_LINKAGE FUNCTION COLUM FROM EXPENDITURE_ITEMS NEW: SELECT SYSTEM_LINKAGE FUNCTION COLUM FROM EXPENDITURE_TYPES
PA_EXPENDITURE_GROUPS_V	ALLOW_ADJUSTMENTS_FLAG
PA_EXPENDITURE_ITEMS	BURDEN_SUM_DEST_RUN_ID SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_ITEMS_V	BURDEN_SUM_DEST_RUN_ID
PA_EXPENDITURE_TYPES_DESC_V	Removed column EXPENDITURE_TYPE_CLASS
PA_EXPENDITURE_TYPES_EXPEND_V	DESCRIPTION EXPND_TYP_END_DATE_ACTIVE EXPND_TYP_START_DATE_ACTIVE SYS_LINK_END_DATE_ACTIVE SYS_LINK_START_DATE_ACTIVE
PA_IMPLEMENTATIONS	EXP_ORG_STRUCTURE_ID EXP_ORG_STRUCTURE_VERSION_ID EXP_START_ORG_ID PROJ_ORG_STRUCTURE_ID PROJ_ORG_STRUCTURE_VERSION_ID PROJ_START_ORG_ID CENTRALIZED_INVOICING_FLAG
PA_PROJECT_TYPES	BURDEN_AMT_DISPLAY_METHOD BURDEN_ACCOUNT_FLAG BURDEN_SUM_DEST_PROJECT_ID BURDEN_SUM_DEST_TASK_ID ENABLE_BUDGET_WF_FLAG ENABLE_PROJECT_WF_FLAG BILLING_OFFSET BILLING_CYCLE_ID ADW_NOTIFY_FLAG DEF_START_PROJ_STATUS_CODE
PA_PROJECTS	ADW_NOTIFY_FLAG BILLING_CYCLE_ID WF_STATUS_CODE
PA_PROJECTS_EXPEND_V	CARRYING_OUT_ORGANIZATION_ID

View	New Column(s) or Change(s)
	PROJECT_DESCRIPTION PROJECT_TYPE Modified to refer to PA_PROJECT_STATUS_CONTROLS to check whether creating new transactions is allowed for the project status
PA_PROJECTS_V	BILLING_CYCLE_ID BILLING_CYCLE_NAME PROJECT_SYSTEM_STATUS_CODE WF_IN_ROUTE_FLAG WF_STATUS_CODE
PA_RESOURCE_LISTS	ADW_NOTIFY_FLAG
PA_TRANSFER_AP_INVOICES_VIEW	The following text was added to the SELECT statement: DECODE (PO.ACCRUE_ON_RECEIPT_FLAG,'Y', PO.CODE_COMBINATION_ID, DIST.DIST_CODE_COMBINATION_ID) The following text was added to the WHERE clause: AND DIST.PO_DISTRIBUTION_ID = PO.PO_DISTRIBUTION_ID(+)
PA_TRANSACTION_INTERFACE	CREATED_BY CREATED_DATE LAST_UPDATED_BY LAST_UPDATED_DATE TXN_INTERFACE_ID USER_TRANSACTION_SOURCE
PA_TXN_SOURCES_IMPORT_SRS_V	EXISTS_IN_INTERFACE

New Indexes

Index	Table	Column(s) Referenced
PA_BUDGET_TYPES_N1	PA_BUDGET_TYPES	ADW_NOTIFY_FLAG
PA_BUDGET_VERSIONS_N3	PA_BUDGET_VERSIONS	ADW_NOTIFY_FLAG PROJECT_ID CURRENT_FLAG
PA_CLASS_CATEGORIES_N1	PA_CLASS_CATEGORIES	ADW_NOTIFY_FLAG
PA_CLASS_CODES_N1	PA_CLASS_CODES	ADW_NOTIFY_FLAG

Index	Table	Column(s) Referenced
PA_COMMITMENT_TXNS_N2	PA_COMMITMENT_TXNS	BURDEN_SUM_SOURCE_RUN_ID
PA_COMMITMENT_TXNS_N3	PA_COMMITMENT_TXNS	BURDEN_SUM_DEST_RUN_ID
PA_COST_DISTRIBUTION_LINES_N10	PA_COST_DISTRIBUTION_LINES_ALL	BURDEN_SUM_SOURCE_RUN_ID
PA_EVENTS_U2	PA_EVENTS	EVENT_ID
PA_EXPENDITURES_ITEMS_N18	PA_EXPENDITURE_ITEMS_ALL	BURDEN_SUM_DEST_RUN_ID
PA_EXPENDITURES_N6	PA_EXPENDITURES_ALL	REQUEST_ID
PA_EXPENDITURES_N7	PA_EXPENDITURES_ALL	ATTRIBUTE1
PA_EXPENDITURE_ITEMS_N18	PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_TYPE SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_TYPES_N2	PA_EXPENDITURE_TYPES	ADW_NOTIFY_FLAG
PA_PERIODS_N2	PA_PERIODS_ALL	GL_PERIOD_NAME
PA_PROJECTS_N5	PA_PROJECTS_ALL	ADW_NOTIFY_FLAG
PA_PROJECT_ASSET_LINE_DTLS_U1	PA_PROJECT_ASSET_LINE_DETAILS	PROJ_ASSET_LINE_DTL_UNIQ_ID
PA_PROJECT_CLASSES_N2	PA_PROJECT_CLASSES	ADW_NOTIFY_FLAG
PA_PROJECT_TYPES_N1	PA_PROJECT_TYPES_ALL	ADW_NOTIFY_FLAG
PA_RESOURCE_ACCUM_DETAILS_N3	PA_RESOURCE_ACCUM_DETAILS	ADW_NOTIFY_FLAG PROJECT_ID
PA_RESOURCE_LISTS_N1	PA_RESOURCE_LISTS_ALL_BG	ADW_NOTIFY_FLAG
PA_RESOURCE_LIST_MEMBERS_N3	PA_RESOURCE_LIST_MEMBERS	ADW_NOTIFY_FLAG
PA_TASKS_N9	PA_TASKS	ADW_NOTIFY_FLAG
PA_TRANSACTION_INTERFACE_N4	PA_TRANSACTION_INTERFACE_ALL	TRANSACTION_SOURCE ORIG_TRANSACTION_REFERENCE
PA_TRANSACTION_INTERFACE_U1	PA_TRANSACTION_INTERFACE_ALL	TXN_INTERFACE_ID
PA_TXN_ACCUM_N6	PA_TXN_ACCUM	ADW_NOTIFY_FLAG PROJECT_ID

Seed Data Changes

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New LOVs (QuickCodes)

Lookup Types	Lookup Codes	Lookup Code Descriptions
ADW DIM LEVEL NAME	ALL_EXP_TYPES	All Expenditure Types
ADW DIM LEVEL NAME	ALL_FINANCIAL_YEARS	All Financial Years
ADW DIM LEVEL NAME	ALL_PRJ_TYPES	All Project Types
ADW DIM LEVEL NAME	ALL_SRVC_TYPES	All Service Types
ADW DIMENSION TABLES	BUDGET_TYPES	Budget Types
ADW DIMENSION TABLES	CLASS_CATEGORIES	Class Categories
ADW DIMENSION TABLES	CLASS_CODES	Class Codes
ADW DIMENSION TABLES	CUSTOM_DIMENSIONS_TABLES	Custom Dimensions Tables
ADW DIMENSION TABLES	EXPENDITURE_TYPES	Expenditure Types
ADW DIMENSION TABLES	ORGANIZATIONS	Organizations
ADW DIMENSION TABLES	PERIODS	Periods
ADW DIMENSION TABLES	PROJECTS	Projects
ADW DIMENSION TABLES	PROJECT_CLASSES	Project Classes
ADW DIMENSION TABLES	PROJECT_TYPES	Project Types
ADW DIMENSION TABLES	RESOURCES	Resources
ADW DIMENSION TABLES	RESOURCE_LISTS	Resource Lists
ADW DIMENSION TABLES	SERVICE_TYPES	Service Types
ADW DIMENSION TABLES	TASKS	Tasks
ADW FACT TABLES	ACTUALS_COST_AND_COMMITMENTS	Actuals Cost and Commitments
ADW FACT TABLES	BUDGETS	Budgets
ADW FACT TABLES	CUSTOM_FACT_TABLES	Custom Fact Tables
ADW RESOURCE NAME	CHILD	Child
ADW RESOURCE NAME	UNKNOWN	Unknown
BILLING CYCLE TYPE	BILLING_CYCLE_DAYS	Billing cycle days
BILLING CYCLE TYPE	DATE_OF_MONTH	Date of the month
BILLING CYCLE TYPE	FIRST_DAY_OF_MONTH	First day of the month
BILLING CYCLE TYPE	FIRST_WEEKDAY_OF_MONTH	First weekday of the month
BILLING CYCLE TYPE	LAST_DAY_OF_MONTH	Last day of the month

Lookup Types	Lookup Codes	Lookup Code Descriptions
BILLING CYCLE TYPE	LAST WEEKDAY OF MONTH	Last weekday of the month
BILLING CYCLE TYPE	PROJECTCOMPLETION	Project Completion
BILLING CYCLE TYPE	USERDEFINED	User defined
BILLING CYCLE TYPE	WEEKDAY EACH WEEK	Weekday each week
BURDEN_ACCOUNTING	D	Burden Amount shown as a different summarized Txn on same Project/Task
BURDEN_ACCOUNTING	S	Burden Amount on the same transaction
EXPENDITURECLASS CODE	BURDEN TRANSACTION	BT
MASS_UPDATE_BATCH_STATUS	C	Completed
MASS_UPDATE_BATCH_STATUS	P	Processing
MASS_UPDATE_BATCH_STATUS	R	Rejected
MASS_UPDATE_BATCH_STATUS	S	Submitted
MASS_UPDATE_BATCH_STATUS	W	Working
PROJECT_STATUS_ACTIONS	ADJUST_TXNS	Adjust Transactions
PROJECT_STATUS_ACTIONS	CAPITALIZE	Capitalize Assets
PROJECT_STATUS_ACTIONS	GENERATE_INV	Generate Invoice
PROJECT_STATUS_ACTIONS	GENERATE_REV	Generate Revenue
PROJECT_STATUS_ACTIONS	NEW_TXNS	Create New Transactions
PROJECT_STATUS_ACTIONS	STATUS_REPORTING	Include in Status Reports
PROJECT_SYSTEM_STATUS	APPROVED	Approved
PROJECT_SYSTEM_STATUS	CLOSED	Closed
PROJECT_SYSTEM_STATUS	PENDING_CLOSE	Pending Close
PROJECT_SYSTEM_STATUS	SUBMITTED	Submitted

Lookup Types	Lookup Codes	Lookup Code Descriptions
PROJECT_SYSTEM_STATUS	UNAPPROVED	Unapproved
PROJECT_SYSTEM_STATUS	UPGRADED	Upgraded
WF_STATUS_CODE	IN_ROUTE	In Progress
WF_STATUS_CODE	REJECTED	Rejected

New Workflows

Added to support project workflow and budget workflow:

PA Project Workflow

PA Budget Workflow

In replacement of FlexBuilder rules, the following workflows have been added to support account generation:

Generate Default Account

Sample Process for Account Generation

New Functions for Function Security

You can use these functions to prevent users with a given responsibility from maintaining invoice/revenue events or from performing certain project management integration, budget, revenue, or customer functions.

Billing Cycles Maintenance

Capital Projects: Reverse

Dimensions

Mass Update Batches

PA Periods: Set Reporting Period

Pre-Approved Expenditure Entry: Enter Burden Transactions

Pre-Approved Expenditure Entry: Enter Inventory Transactions

Pre-Approved Expenditure Entry: Enter Negative Transactions

Pre-Approved Expenditure Entry: Enter Miscellaneous Txns

Pre-Approved Expenditure Entry: Enter Work in Process

Pre-Approved Expenditure Entry: Reverse Batch

Project Statuses

Projects: Org Update: Override Standard Checks

Projects: Status: Approved Statuses
 Projects: Status: Change project status
 Projects: Status: Closed Statuses
 Projects: Status: Pending Close Statuses
 Projects: Status: Submitted Statuses
 Projects: Status: Unapproved Statuses
 PTE Multi–Org Control
 Transaction Import: Pending Transactions
 Transaction Import: Rejected Transactions
 Transaction Import: Review Transactions

New Menus

To support Multiple Reporting Currencies, we added the following new menus:

PA_MRC_NAVIGATOR_GUI(PB)
 PA_MRC_NAVIGATOR_GUI(PC)

Changed Menus

Added to the Navigator Menu:

Project Maintenance

New Responsibilities

To support Multiple Reporting Currencies, we added two new responsibilities. Each new MRC responsibility has a new Navigation Menu and a new Report Security Group assigned to it.

Responsibility	Navigation Menu	Report Security Group
MRC Projects Billing Manager	PA_MRC_NAVIGATOR_GUI(PB)	MRC Programs PA Billing
MRC Projects Costing Manager	PA_MRC_NAVIGATOR_GUI(PC)	MRC Programs PA Costing

Additional Information: *(Multiple Reporting Currencies in Oracle Applications)*

Profile Option Changes

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Added to support the new Oracle Project Analysis Collection Pack product.

PA: ADW Collect Top Tasks

PA: ADW Installed

PA: Collection Pack Licensed

Obsolete Profile Options

Replaced by enhanced project statuses functionality.

PA: Default Project Status

Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Projects between Release 10.7 and 10SC Production Release 16.1 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features are divided by the release levels Production 16 and Production 16.1.

10SC Production Release 16.1

This section lists the enhancements that have been made to Oracle Projects between 10SC Production 16 and 10SC Production 16.1.

Event Entry and Inquiry Windows

Enable you to enter and review events for a project or top task. Examples of events include an invoice reduction, a performance bonus, or a revenue write-off. You can also change the bill hold status of an event using these windows.

Percent Complete Windows

You can now enter the percent complete for a project or task. Percent complete entries can be used in reporting and in billing extensions. The Percent Complete window includes the following features:

- You can maintain percent complete information at all levels of the work breakdown structure (WBS), including at the project level.
- Percent complete history is maintained by the system.

In addition, as part of the project management integration, an API (application program interface) is available to maintain percent complete information.

Revenue Review Windows

Enable you to review the following detailed information about project revenue:

- Amount
- Revenue category
- Event description
- Information about a revenue item's distribution lines
- Agreement providing the revenue funding
- Date the revenue was interfaced to Oracle General Ledger
- Distribution warnings encountered while generating draft revenue

You can also use Revenue Review to delete or regenerate a project's unreleased revenue or to release and unrelease revenue.

Activity Management Gateway

The Application Programming Interfaces (APIs) included in the Activity Management Gateway (formerly referred to as the "Open Integration Toolkit") are now available in production status. You can use these interfaces to integrate Oracle Applications with third-party project management systems. With this integration, you can safely share data and exchange information using standard Oracle-supported interfaces to transcend the functional boundaries of the individual applications.

You can also use the Activity Management Gateway APIs to integrate Oracle Applications with a wide variety of external systems, including the following:

- Sales Management Systems
- Work Management Systems
- Customer Asset Management and Plant Maintenance Systems
- Project Manufacturing Systems
- Collaborative Project Planning and Scheduling Systems

For detailed technical information about the Activity Management Gateway APIs, refer to the *Oracle Projects Activity Management Gateway Technical Reference Manual*.

Project Management Controls

Enable you to keep information consistent between Oracle Projects and all integrated project management systems created using Activity Management Gateway. You use project management controls to restrict the updating of projects that were imported from external systems. You can set up a different set of controls over data imported from each project management system.

Project management controls are implemented using the following windows:

- Source Products
- Control Actions

Project Management Integration

Oracle Projects now provides integration with project planning and scheduling systems (generally referred to as "project management" systems). With project management integration, you can define projects in your project management software, and then import the project structure and budgets into Oracle Projects. You can also export summarized project transactions to your project management system.

Budget Descriptive Flexfield in Budget Matrix Entry Window

The matrix entry Budget Lines window (the window used for period-based budgets) now includes an "overflow" region for entry and display of the change reason, comment, and descriptive flexfield

for each budget line. A new profile option, PA: Tab to Budget Matrix Fields, determines how users navigate to the overflow region.

Budget Security Enhancements

The following budget security enhancements have been added:

- Use **project management controls** to control the updating of budgets that were created by importing from external systems.
- Use **budget line source security** to control whether a user can update amounts in budget lines, based on the source of the amount. You can specify limits based on whether an amount was calculated by a budget calculation extension, copied from actuals, or copied from budget versions. You use function security to implement this feature.

Descriptive Flexfield on Event Types

Expenditure types now include a descriptive flexfield.

Currency Formatting in Project Status Inquiry

Project Status Inquiry (PSI) uses dynamic currency formatting in two ways:

- Currency amounts on the Events, Commitments and Actuals Drilldown windows are displayed according to the functional currency format.
- For the Project, Task and Resource Status windows, you can mark columns as currency amounts. The columns marked as currency amounts are displayed according to the functional currency format.

You can also use the new factoring feature to make it easier to read very large currency amounts. Factoring enables you to control the multiples factor used to display the amounts. Factoring can be used for all PSI columns identified as currency amounts in the Project Status Column Setup window.

Interface Invoices to AR Before Interfacing Revenue to GL

Prior to release 10.7.0.16.1SC, you could interface customer invoices to Oracle Receivables only after all related draft revenue was successfully interfaced to Oracle General Ledger. This requirement has been

removed. You can now run PRC: Interface Invoices to Receivables and PRC: Interface Revenue to General Ledger in either order.

Mass Adjust Expenditures

You can now use the Project Expenditure Inquiry windows to process mass expenditure adjustments. The multi-select functionality is still available for adjusting more than one expenditure at a time. However, the mass adjustment feature provides improved performance when a large number of expenditures require the same adjustment.

Period Close Exception Reports

The period close exception reports identify transactions that have not been fully processed, and that would prevent you from closing the PA period. These reports are commonly used when you are preparing to close a PA period. When the exceptions are corrected, the PA period can be closed.

Function Security Enhancement

The Copy To button in the Projects window is secured by function security, using the function Projects: Options: Copy a project.

Tips for Setting Up Project Status Inquiry

The Oracle Projects User's Guide now includes tips to guide you when you are setting up Project Status Inquiry. Tips cover both the Column Setup window and the PSI client extension.

10SC Production Release 16

This section lists enhancements made between Release 10.6 and Release 10SC Production 16. Release 10SC Production 16 was the first production release of the GUI (Graphical User Interface) version of Oracle Projects.

User Interface

A highly responsive, multi-window graphical user interface (GUI) with full point-and-click capability. You can use your mouse or keyboard to operate graphical controls such as pull-down menus, buttons, poplists, check boxes, or alternative regions.

Full Online Help

Provides full, context-sensitive online help for easy access to all of the information you need to work effectively with Oracle Projects.

Function Security

Use function security to control user access. By default, access is *not* restricted. The system administrator customizes each responsibility by including or excluding registered functions and menus of functions for a responsibility in the Responsibilities window.

Project-Based Security

Oracle Projects offers several layers of Project-Based security:

- **Responsibility.** A responsibility can be set up to be cross-project (able to query and update all projects).
- **Key member.** Default security allows only key members on a project to query and view labor costs for a project.
- **Client extension.** A new PA Security client extension overrides the responsibility security by module.

By default, all users can query and view information for all projects. You can use the PA Security client extension to override the default security and implement your own business rules for project security.

Project Templates

With the simplified the project setup process, you can create new projects from templates which include predefined options. You can also use the Quick Entry feature to set up options for your new project in a single window. You create project templates during implementation.

Quick Agreement/Funding

The Quick Agreement/Funding feature allows you to create a funded, baselined contract project from a template. This feature allows quick setup for small projects of short duration. You structure a project template with an agreement, funding, and baselined revenue and/or cost budgets. Then you create new projects from the template. When a new project is created, you specify the customer during quick entry. Oracle Projects copies the agreement, funding, and baselined budgets from the template.

The Setup Billing menu includes a new menu item, Agreement Templates. Use this window to create agreement templates that you associate with project templates.

Authorization for Contract Projects

You no longer need to authorize contract projects for revenue distribution and billing. By default, all tasks are ready to accrue and ready to bill. You can set these values to No in the Control Billing by Top Task window.

Enhanced Budgeting

The following budgeting features help you manage budgets and track your project's status:

- Time Phased Budgets

You can establish comprehensive, time phased budgets by currency amount or unit of measure for project cost, revenue, and quantity categories, such as labor hours, machine hours, and other expenses.

You enter budget lines for period-phased budgets (budgets that are time-phased by PA period or GL period) in the *matrix entry* Budget Lines window. The matrix entry Budget Lines window displays up to four periods at a time for each resource and amount type.

- Multiple Budget Versions

Oracle Projects records the history of all budget versions. You create a new version each time you baseline your budget.

- User-Defined Budget Calculation

You can calculate budgeted cost and revenue amounts from budgeted quantities based on user defined rules.

- Budget Control

Different users who require different types of budgets can enter the budgets independently. You can also budget cost and revenue values at different levels in the work breakdown structure (WBS).

Budget Types

With these predefined budget types, you can define additional budget types as required for your business.

- Forecast Cost Budget
- Forecast Revenue Budget

The budget types *Draft*, *Baseline*, and *Original* in Oracle Project Accounting Version 3.1 are *budget versions* in Oracle Projects. A *Baseline* budget in Version 3.1 is a *Current* budget in Oracle Projects.

Budget Entry Methods

With these predefined budget entry methods, you can define additional budget entry methods as required for your business.

- By lowest tasks and Date Range, Categorized by Resource
- By lowest tasks and GL Period, Categorized by Resource
- By lowest tasks and PA Period, Categorized by Resource

Capital Projects and Oracle Assets Integration

You can create capital projects to collect and track project-related construction-in-process (CIP) asset costs. In Oracle Projects, you can associate assets with a WBS, collect actual costs, and then enter in service dates for the assets. You can send these asset costs to become depreciable, fixed assets in Oracle Assets.

Project Status Tracking

Oracle Projects supports a new model for project summary amounts (formerly project accumulated amounts) based on resources. Resources provide a flexible way to summarize amounts in different combinations.

You can now update project summary amounts independently of when you interface costs to Oracle General Ledger or Oracle Payables. You can update project summary amounts anytime by running the Update Project Summary Amounts process after you have distributed costs.

The Project Status Inquiry window (PSI) allows you to review project status online. You can compare actuals to budgeted amounts using to-date values. You can drill down from the project level to transaction details for a low-level task. In addition, you can now use PSI to view online the commitment balance for projects and tasks with drilldown to

detail transactions. You can use configurable ratios and amounts based on your business rules. PSI also offers flexible rollup categories for summary amounts.

Project Status Inquiry Setup

The Project Status Inquiry Columns window enables you to customize the information displayed in the Project Status Inquiry windows.

- **Columns.** There are three text columns and 30 numeric columns available for Project Status Inquiry.
- **All columns are user-defined.**
- **SQL expressions can be entered in the Project Status Inquiry Columns window.** Each numeric column can be defined by an accumulation column name **or** an SQL expression. You can use a PSI client extension package either in place of or in addition to the SQL expression.

Export Information from Folder-Enabled Window

You can export the information in a folder-enabled window to a Microsoft Excel spreadsheet or a tab-delimited text file. You can use this feature to perform further analysis of data in the Project Status Inquiry window or other windows that use folder technology.

Standard Request Submission

Oracle Projects uses Standard Request Submission to run reports and processes. Standard Request Submission is an Oracle Applications feature that lets you select and run all your reports and other concurrent programs from a single, standard window.

Personal Time and Expense

Use this new application to charge time and expense to projects while on the road or in the office. Enter timesheets and expense reports in Oracle Personal Time and Expense in a disconnected mode, and then submit them for approval the Oracle Projects at the end of the week. For more information about Oracle Personal Time and Expense, refer to the *Oracle Personal Time and Expense System Administrator's Guide*.

Oracle Personal Time and Expense replaces the online time and expense report entry windows in prior releases of Oracle Projects.

Project Mode for Expenditure Inquiry

There are now two separate windows for expenditure inquiry: Find Project Expenditure Items and Find Expenditure Items.

In the Find Project Expenditure Items window, you must enter a project number and name to query expenditure items.

In the Find Expenditure Items window, you can leave the project number and name fields blank and select other criteria such as Employee Name, Expenditure Category, and date range. Matching expenditure items for all projects will be displayed.

Multi-Organization Support

Oracle Projects supports multiple organizations in a single installation. Expenditures can be charged to projects in different operating units, provided that the project operating unit shares the following three characteristics with the expenditure operating unit:

- GL set of books
- PA Period Type
- HR business group

With multi-organization support, there are changes in the implementation steps regarding the following:

- PA Periods
- Business Group and Project Burdening Hierarchy

You can use the MO: Operating Unit profile option to assign a responsibility to an operating unit. See: *Multiple Organizations in Oracle Applications*.

Year 2000 Support

All Oracle Applications now support date assignments for the year 2000 and beyond.

Attachments

You can attach word processing documents, spreadsheets, or images to certain windows in Oracle Projects. Examples of possible uses include attaching project management plans, images of expense report receipts, and images of customer agreements.

Drilldown to Project Transactions in Payables and Receivables

In this release, you can access information related to project transactions that are stored in Oracle Payables and Oracle Receivables. The drilldown functions are secured by function security. Drilldown to Payables can be accessed from Expenditure Inquiry and from Project Status Inquiry. Drilldown to Receivables can be accessed from Invoice Review.

Resource List Grouping by Organization

You can group resource lists by *Organization* in addition to *Expenditure Category*, *Revenue Category*, and *None*. This change gives you the flexibility to enter time-phased budgets at the project, top task, or lowest task level and group them by organization.

Enhancements to the Projects Window

You can use the Find Tasks window to search for a project's tasks by Task Number, Task Name, Task Manager, Organization, Service Type, and WBS level. Oracle Projects displays any task that meets your search criteria as well as all parent tasks leading to the original top task. If you enable the profile option PA: Display Find Tasks, Oracle Projects will automatically display this window when you choose Tasks from the Projects window. Otherwise, you can view this window by choosing the Find button or by selecting Query, Find from the Tasks window.

In addition, the Projects window no longer displays a Budget option. To view the Budgets window, choose Budgets from the Navigator.

Option to Control Tasks Displayed for Expenditure Entry

You can set the PA: Tasks to Display for Expenditure Entry profile option to indicate which tasks to include in the task list of values in any expenditure entry window. This affects the windows in which you enter pre-approved expenditures in Oracle Projects, purchase orders and requisitions in Oracle Purchasing, and supplier invoices in Oracle Payables.

Concurrent Program to Delete Draft Revenue of a Single Project

You can use a process to delete draft revenue generated for any given contract project. You submit this process from the Submit Requests window by choosing PRC: Delete Draft Revenue of a Single Project and entering the number of the project whose draft revenue you want to delete.

Copy PA Periods from GL Periods

PA periods are now created by copying them from a set of GL periods. You define PA periods in the calendar associated with your GL Set of Books, then automatically copy from the GL Set of Books calendar according to the PA period type you set up in the Oracle Projects Implementation Options. Additional PA periods can be copied by pressing the Copy From GL button in the PA Periods window.

Database Object Changes

The following database objects were added, changed, or made obsolete between Release 10.7 and Release 10SC Production 16.1.

10SC Production Release 16.1

This section lists changes made to Oracle Projects database objects between 10SC Production 16 and 10SC Production 16.1.

Activity Management Gateway (Project Management Integration)

The following database changes were made to support integration with project management applications and other external systems.

New Views

Displays valid values for each Quick Entry field.

PA_OVERRIDE_FIELD_VALUES_V

Indicates which actions a user may not perform on projects or budgets that originated from external project management systems.

PA_PM_PRODUCT_CONTROL_RULES_V

Changed Tables

PA_PROJECTS_ALL

PA_TASKS

These tables contain the following new columns which store project and task date information, respectively, originating from external project management systems. This information is not entered or displayed in Oracle Projects.

ACTUAL_FINISH_DATE

ACTUAL_START_DATE

EARLY_FINISH_DATE

EARLY_START_DATE
LATE_FINISH_DATE
LATE_START_DATE
SCHEDULED_FINISH_DATE
SCHEDULED_START_DATE

Changed Views

Contain new columns which store codes related to projects and budgets originating from external project management systems.

PA_BUDGET_LINES_V
PA_BUDGET_TYPES_V
PA_BUDGET_VERSIONS_BASELINED_V
PA_BUDGET_VERSIONS_DRAFT_V
PA_PROJECTS_BASIC_V
PA_PROJECTS_V
PA_TASKS_WBS_V
PA_WBS_V

Contains new columns which store basic project information associated with the selected template.

PA_SELECT_TEMPLATE_V

Contains new columns which store information related to commitments.

PA_TXN_ACCUM_V

Descriptive Flexfields for Expenditure Types

Changed Table

The following columns were added to PA_EXPENDITURE_TYPES to store descriptive flexfield information.

ATTRIBUTE1 through ATTRIBUTE15

Changed View

PA_EXPENDITURE_TYPES_DESC_V

Dynamic Currency Formatting

Changed Table

The following column was added to PA_STATUS_COLUMN_SETUP to store a flag indicating whether the column is a currency field to which dynamic currency formatting should be applied. The default value for this column is set to N.

CURRENCY_FORMAT_FLAG	VARCHAR2(1)
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Changed Views

Contain modified columns which support the dynamic currency formatting feature.

PA_BURDEN_COMPONENT_COST_V
PA_BURDEN_COMPONENT_CMT_V
PA_COST_BURDEN_DETAILS_V
PA_INV_BURDEN_DETAILS_V
PA_REV_BURDEN_DETAILS_V

Percent Complete

New View

PA_PERCENT_COMPLETES_V

Changed Table

The following columns were added to PA_PERCENT_COMPLETES to store the current percent complete flag, the product from which percent complete information was imported, and the project ID for project-level percent complete information.

CURRENT_FLAG	VARCHAR2(1)
PM_PRODUCT_CODE	VARCHAR2(30)
PROJECT_ID	NUMBER(15)

Obsolete Table

PA_CUR_WBS_PERCENT_COMPLETE

Obsolete Indexes

PA_EARNED_VALUES_U1
PA_PERCENT_COMPLETES_U1

Period Close Exception Reports

New Views

This view supports the summarization period exceptions report. It displays all projects that have not been summarized through the current reporting period. You can use this view in SQL*Plus to list exceptions.

PA_ACCUM_PERIOD_EXCEPTIONS_V

These views support the period close exception reports. They display transactions that have not been successfully interfaced to other applications. You can use these views in SQL*Plus to list exceptions.

PA_AP_INV_EXCEPTIONS_DET_V

PA_AP_INV_EXCEPTIONS_SUM_V

PA_COST_EXCEPTIONS_DET_V

PA_COST_EXCEPTIONS_SUM_V

PA_DR_EXCEPTIONS_DET_V

PA_DR_EXCEPTIONS_SUM_V

New Table

Stores predefined reasons why transactions are listed in the period close exception reports and suggested actions to process the transactions.

PA_EXCEPTION_REASONS

Project Manufacturing

The following database changes were made to support project manufacturing, which is scheduled for production in Release 11.

New Views

These views support project-level commitments for requisitions and purchase orders entered without a task in a project manufacturing environment.

PA_STATUS_CMT_BASE_V

PA_STATUS_COMMITMENTS_V

PA_STATUS_PROJ_CMT_BASE_V

Changed Tables

The following columns were added to PA_TRANSACTION_INTERFACE_ALL to store cost and expenditure type class information. These columns are not yet supported.

BURDENED_COST	NUMBER(22)
BURDENED_COST_RATE	NUMBER(22)
SYSTEM_LINKAGE	VARCHAR2(3)

The following column was added to PA_TRANSACTION_SOURCES to store a flag indicating whether you are importing burdened cost amounts along with raw cost amounts. This column is not yet supported.

COST_BURDENED_FLAG	VARCHAR2(1)
--------------------	-------------

Changed Views

These views were modified to support project-level commitments for requisitions and purchase orders entered without a task in a project manufacturing environment.

PA_ACCUM_PROJ_CMT_TXNS_BASE_V
PA_ACCUM_TASK_CMT_TXNS_BASE_V
PA_ACCUM_RSRC_CMT_TXNS_BASE_V
PA_ACCUM_CMT_TXNS_V

These views contain new columns which store various transaction-related information.

PA_DRAFT_INV_LINE_DETAILS_V
PA_EXPEND_ITEMS_ADJUST_V
PA_EXPEND_ITEMS_ADJUST2_V
PA_EXPENDITURE_GROUPS_V
PA_EXPENDITURE_ITEMS_V
PA_TRANSACTION_INTERFACE

Revenue Review

New Views

PA_CUST_REV_DIST_LINES_V
PA_DRAFT_REVENUES_V
PA_DRAFT_REVENUE_ITEMS_V

Miscellaneous

New Views

This view displays projects that you are allowed to update based on the project security rules your company has implemented.

PA_PROJECTS_UPDATE_V

This view is used in the Projects window.

eciSbas acbSFiSr

New Indexes

These indexes improve the performance of project summarization and status reporting in Oracle Projects.

PA_RESOURCE_MAPS_N2 ON PA_RESOURCE_MAPS
(RESOURCE_LIST_ASSIGNMENT_ID, EVENT_TYPE, ORGANIZATION_ID)

PA_TXN_ACCUM_N5 ON PA_TXN_ACCUM (PROJECT_ID, PA_PERIOD, TASK_ID,
WEEK_ENDING_DATE, EVENT_TYPE, ORGANIZATION_ID)

Changed Tables

These tables contain new columns to improve performance and fix code bugs.

PA_PROJECT_COPY_OVERRIDES

PA_PROJECT_MANAGERS

Changed Views

This view contains new columns which support the Events Summary window.

PA_EVENTS_V

These views contain new columns to improve performance and fix code bugs.

PA_BASE_BUDGET_BY_GL_PERIOD_V

PA_BASE_BUDGET_BY_PA_PERIOD_V

PA_BASE_BUDGET_BY_RESOURCE_V

PA_BUDGET_RESOURCES_V

PA_BUDGET_MATRIX_V

PA_DRAFT_INVOICE_LINES_V

PA_EMPLOYEES

PA_NG_BUDGET_BY_PA_PERIOD_V

PA_ORIG_BUDGET_BY_GL_PERIOD_V

PA_ORIG_BUDGET_BY_PA_PERIOD_V
PA_ORIG_BUDGET_BY_RESOURCE_V
PA_PROJ_CCREV_COST_V
PA_PROJ_INVOICES_VIEW
PA_PROJ_PO_DISTRIBUTIONS
PA_PROJ_REVENUE_VIEW
PA_PROJECT_CUSTOMERS_V
PA_PROJECT_INVOICE_VIEW
PA_QUERY_RES_LIST_MEMBERS_V
PA_STATUS_EI_V
PA_TRANSFER_AP_INVOICES_VIEW
PA_VENDORS_RES_V

Changed Indexes

These indexes have been modified to improve performance.

PA_PERCENT_COMPLETES_N1 ON PA_PERCENT_COMPLETES(PROJECT_ID,
TASK_ID, DATE_COMPLETED)

PA_PERCENT_COMPLETES_N2 ON PA_PERCENT_COMPLETES(PROJECT_ID,
TASK_ID, CURRENT_FLAG)

PA_RESOURCE_MAPS_N1 ON PA_RESOURCE_MAPS
(RESOURCE_LIST_ASSIGNMENT_ID, EXPENDITURE_TYPE, ORGANIZATION_ID,
PERSON_ID)

PA_RESOURCE_ACCUM_DETAILS_N1 ON PA_RESOURCE_ACCUM_DETAILS
(PROJECT_ID, RESOURCE_LIST_ID)

PA_TXN_ACCUM_N2 ON PA_TXN_ACCUM (PROJECT_ID, PA_PERIOD, TASK_ID,
WEEK_ENDING_DATE, EXPENDITURE_TYPE, ORGANIZATION_ID, PERSON_ID)

Obsolete Index

This index was dropped for performance reasons.

PA_RESOURCE_ASSIGNMENTS_N1

Other Database Changes

To simplify coding and improve performance of the Release 10SC client-server version of Oracle Projects, we added various views of existing tables.

WARNING: We do not recommend that you query or alter data using these views. Furthermore, these views may change dramatically in subsequent major or minor releases of Oracle Projects.

In Release 10.7/Production 16.1, Oracle Projects includes the following new Production 16.1 views.

PA_ORGANIZATIONS_SBRS_V
PA_OVERRIDE_FIELD_VALUES_V
PA_PERCENT_COMPLETES_V
PA_PM_PRODUCT_CONTROL_RULES_V
PA_PROJECTS_UPDATE_V
PA_STATUS_CMT_BASE_V
PA_STATUS_COMMITMENTS_V
PA_STATUS_PROJ_CMT_BASE_V

10SC Production Release 16

This section lists the changes between Release 10.7 and 10SC Production 16.

Project Management Integration

The following database changes were made to support integration with project management applications and other external systems. This integration is currently in use by approved beta program participants. A production version is scheduled for Release 10.7.0.16.1SC.

New Tables

PA_CUR_WBS_PERCENT_COMPLETE
PA_EARNED_VALUES
PA_PM_CONTROL_ACTIONS
PA_PM_PRODUCT_CONTROL_RULES

New Views

PA_ACT_BY_GL_PERIOD_V
PA_ACT_BY_PA_PERIOD_V
PA_BUDGET_CHANGE_REASON_V
PA_BUDGET_ENTRY_METHODS_V
PA_BUDGET_STATUS_CODES_V
PA_BUDGET_TYPES_V
PA_BURDEN_COMPONENT_CMT_V
PA_BURDEN_COMPONENT_COST_V
PA_CLASS_CATEGORIES_LOV_V
PA_CMT_BY_GL_PERIOD_V

PM_PRODUCT_CODE	VARCHAR2(30)
PM_BUDGET_LINE_REFERENCE	VARCHAR2(25)

The following columns were added to PA_BUDGET_VERSIONS:

PM_PRODUCT_CODE	VARCHAR2(30)
PM_BUDGET_REFERENCE	VARCHAR2(25)

The following columns were added to PA_PROJECTS_ALL:

PM_PRODUCT_CODE	VARCHAR2(30)
PM_PROJECT_REFERENCE	VARCHAR2(25)

The following column was added to
PA_PROJECT_ACCUM_HEADERS:

TASK_RESTRUCTURED_FLAG	VARCHAR2(1)
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The following columns were added to PA_TASKS:

PM_PRODUCT_CODE	VARCHAR2(30)
PM_TASK_REFERENCE	VARCHAR2(25)

New Indexes

PA_PROJECTS_U4 ON ON PA_PROJECTS_ALL(PM_PROJECT_REFERENCE,
PM_PRODUCT_CODE)

PA_TASKS_N8 ON PA_TASKS (PROJECT_ID, PM_TASK_REFERENCE)

Performance Improvement and Enhancements

The following database changes were made to fix bugs, enhance existing features, or improve performance.

New Indexes

PA_PROJECT_ASSET_LINES_N5 ON PA_PROJECT_ASSET_LINES_ALL
(PROJECT_ASSET_LINE_DETAIL_ID)

PA_PROJECT_ASSET_LINES_N6 ON PA_PROJECT_ASSET_LINES_ALL(REQUEST_ID)

PA_RESOURCE_ACCUM_DETAILS_N2 ON PA_RESOURCE_ACCUM_DETAILS
(RESOURCE_LIST_MEMBER_ID, TASK_ID, PROJECT_ID)

PA_TXN_ACCUM_DETAILS_N3 ON PA_TXN_ACCUM_DETAILS (CMT_LINE_ID)

Changed Views

PA_CAPITAL_PROJECTS_BASE_V

PA_CP_GENERATE_ASSET_BASE_V

PA_CP_GENERATE_ASSET_V

PA_PROJECT_ASSET_LINES_V
PA_EMPLOYEES
PA_ORGANIZATIONS_EXPEND_V
PA_PROJECT_PLAYERS_V
PA_BUDGET_MATRIX_V
PA_DRAFT_INVOICES_V
PA_EXPEND_ITEMS_ADJUST2_V
PA_EXPEND_ITEMS_ADJUST_V
PA_EXPND_ITEMS_REVIEW_V
PA_LABOR_EXPENDITURES_VIEW
PA_ORGANIZATIONS_BURDEN_V
PA_ORGANIZATIONS_EVENTS_V
PA_ORGANIZATIONS_PROJECT_V
PA_ORGANIZATIONS_RES_V
PA_ORGANIZATIONS_V
PA_PROJECTS_EXPEND_V
PA_PROJ_BILLING_DETAILS_VIEW
PA_PROJ_CCREV_COST_V
PA_PROJ_INFO_VIEW
PA_PROJ_MEMBERS_VIEW
PA_PROJ_TRANSFERS_VIEW
PA_PROJ_UNBILLED_BASE_VIEW
PA_PROJ_UNBILLED_BASE_VIEW
PA_PROJ_WBS_VIEW
PA_RESOURCE_TYPES_ACTIVE_V
PA_STATUS_COMMITMENTS_V
PA_STATUS_EI_V
PA_STATUS_RSRC_CMT_BASE_V
PA_STATUS_TASK_CMT_BASE_V
PA_TASKS_ALL_V
PA_TASKS_EXPEND_V
PA_BILLING_REV_TRANSACTIONS_V

Work Breakdown Structure (WBS) Performance

The following database changes were made to improve Work Breakdown Structure (WBS) performance.

New Views

PA_TASKS_WBS_V

PA_WBS_V

Changed Views

PA_TASKS_V

PA_PROJECT_OPTIONS_V

Support for Future Features

The following database changes were made to support future Oracle Projects features.

Changed Tables

These columns were added to PA_TRANSACTION_INTERFACE_ALL:

DR_CODE_COMBINATION_ID	NUMBER(15)
CR_CODE_COMBINATION_ID	NUMBER(15)
CDL_SYSTEM_REFERENCE1	VARCHAR2(30)
CDL_SYSTEM_REFERENCE2	VARCHAR2(30)
CDL_SYSTEM_REFERENCE3	VARCHAR2(30)
GL_DATE	DATE

These columns were added to PA_TRANSACTION_SOURCES:

USER_TRANSACTION_SOURCE	VARCHAR2(30)
PREDEFINED_FLAG	VARCHAR2(1)
ALLOW_ADJUSTMENTS_FLAG	VARCHAR2(1)
GL_ACCOUNTED_FLAG	VARCHAR2(1)
ALLOW_DUPLICATE_REFERENCE_FLAG	VARCHAR2(1)
SKIP_TC_VALIDATION_FLAG	VARCHAR2(1)

Changed View

These columns were added to PA_TRANSACTION_INTERFACE:

DR_CODE_COMBINATION_ID	NUMBER(15)
CR_CODE_COMBINATION_ID	NUMBER(15)
CDL_SYSTEM_REFERENCE1	VARCHAR2(30)
CDL_SYSTEM_REFERENCE2	VARCHAR2(30)
CDL_SYSTEM_REFERENCE3	VARCHAR2(30)
GL_DATE	DATE

Seed Data Changes

The following seed data was added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

10SC Production Release 16.1

New Seed Data

Budget Entry Methods

We added the following predefined budget entry methods:

- By lowest tasks, PA period
- By lowest tasks, GL period
- By lowest tasks, date range

Budget Types

We added the following predefined budget types:

- Forecast Revenue Budget
- Forecast Cost Budget

Expenditure Type Class

We added the following expenditure type class for a future enhancement:

- Project Journal

Changed Seed Data

New Functions for Function Security

- Budgets: Line Source: Burdened Cost Extn
- Budgets: Line Source: Copy Actual
- Budgets: Line Source: Copy Version
- Budgets: Line Source: Raw Cost Extn
- Budgets: Line Source: Revenue Extn
- Customers: Address Contacts
- Customers: Contacts
- Customers: Telephones
- Invoice events maintenance
- Revenue events maintenance
- Revenue: Cancel

Revenue: Regenerate

Revenue: Release

Revenue: Unrelease

10SC Production Release 16

New Lookup Types

We added the following PA_LOOKUP_TYPES:

BILLING_EXTN_CALLING_PROCESS

NON_ENTERED

PA_ADDITION_FLAG

PA_TASKS_TO_DISPLAY

PM_PRODUCT_CODE

PSI_COL_SETUP_FMT_CODE

RESOURCE_CLASS_CODE

RESOURCE_GROUP_NONE

RESOURCE_TYPE_CODE

TRANSFER_REJECTION_REASON

New Lookup Codes

We added values to the following lookup type for use by the Generate Asset Lines process.

GEN_ASSET_REJECTION_REASON

We added values for the following lookup type to support interfacing transactions to Payables.

PA_ADDITION_FLAG

We added values for the following lookup type to support a future release.

PM_PRODUCT_CODE

We added values for the following lookup type for use by the Transaction Import program.

TRANSACTION_STATUS

We also added values for the following lookup types:

RESOURCE_CLASS_CODE
RESOURCE_GROUP_NONE
RESOURCE_TYPE_CODE

Profile Option Changes

The following profile options were added, changed, or made obsolete between Release 10.7 and 10SC Production Release 16.1.

10SC Production Release 16.1

New Profile Option

PA: Tab to Budget Matrix Comment Fields	Indicates whether the user can tab to the overflow region for entering change reason, comments, and descriptive flexfield information in the Budget Matrix window. This field can be updated at the site, application, responsibility, and user levels.
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Changed Profile Option

PA: Display Find Tasks Window	The active start date has been changed to 01-JAN-1951.
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10SC Production Release 16

New Profile Options

PA: Allow Cross-Charging in Multi-Org	If you have implemented multiple organization support, this profile indicates whether to allow users to charge expenditure items to projects in other operating units that share the same Business Group, PA Period Type, and Set of Books as the user's operating unit.
PA: Display Find Tasks	Indicates whether to display Find Tasks window when a user chooses Tasks in the Projects, Templates window.
PA: Tasks to Display for Expenditure Entry	Indicates which tasks to display in the Task Number list of values when entering pre-approved expenditures in Oracle Projects, supplier invoices in Oracle

Payables, and requisitions and purchase orders in Oracle Purchasing.

Shared Profile Options

MO: Operating Unit	Use to control which operating unit a particular responsibility corresponds to only if you have implemented multiple organization support.
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Obsolete Profile Options

PA: Enable Employee Accumulation	No longer needed with the new accumulation model.
PA: Process Responsibility Type	We now use the Standard Report Submission request groups for security
PA: Project Amount Column 1-4	Obsolete with the new configurable columns in Project Status Inquiry.
PA: Task Amount Column 1-4	Obsolete with the new configurable columns in Project Status Inquiry.
PA: Task Level	Obsolete with the new configurable columns in Project Status Inquiry.

Oracle Purchasing

This chapter lists new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Purchasing and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes.

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
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10.7 Character-mode	Release 11 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Purchasing between Release 10SC Production 16 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements were made between 10SC Production 16 and Release 11.

Advance Shipment Notice (ASN)

An Advance Shipment Notice (ASN) is transmitted via Electronic Data Interchange (EDI) from a supplier to let the receiving organization know that a shipment is coming. From the EDI Gateway, the ASN is passed into the Receiving Open Interface in Purchasing. The ASN contains details including shipment date, time, and identification number; packing slip data; freight information; item detail including cumulative received quantities; purchase order number; and returnable container information.

With Advance Shipment Notices, you can:

- Anticipate and respond to potential delivery problems before they occur.
- Reduce receiving costs by reducing receiving transaction time and data entry error.
- Automatically capture additional information (for example, when using ASNs to enter receipts), if the supplier provides it.

Once an ASN is successfully validated, you can use it in the Receipts window to create receipts, reducing data entry time. Or you can simply scan its barcode information to complete the receiving transaction. Suppliers can also send ASNs with billing information. These contain the same information as ASNs plus invoice and tax information. Once an ASN with billing information is validated in the Receiving Open Interface and imported into Purchasing, an invoice for the shipment is created automatically.

A supplier creates an ASN based on the demand conveyed by the purchasing organization's purchase order, planning schedule, or shipping schedule. If Purchasing detects errors or discrepancies in the ASN at any time, from the time the ASN is sent to the time it is entered as received, an Application Advice, transmitted through EDI, is sent automatically to the supplier. The supplier can then send a corrected ASN.

You can view or cancel an accepted ASN as an intransit shipment in the Maintain Shipments window.



Attention: ASNs come from external suppliers only. They cannot be used for internal sales orders sourced from your inventory and generated by internal requisitions.

New Receiving Open Interface

The updated Receiving Open Interface provides full, functional validation of ASNs. It also provides full, functional validation of receipt information from all external sources. For example, you can easily load barcoded and other receiving information from scanners and radio frequency devices, and the Receiving Open Interface maintains the integrity of the new data as well as the receipt data already in Purchasing.

The Electronic Data Interchange (EDI) transaction types that can be loaded into the receiving open interface are as follows:

- Inbound ASNs (ANSI X12 856 or EDIFACT DESADV). These include Original, Cancellation, Replacement, and Test ASNs.
- Inbound ASNs with billing information (ANSI X12 857). These also include Original, Cancellation, Replacement, and Test ASNs.
- Outbound Application Advice (ANSI X12 824 or EDIFACT APERAK).

Purchasing Documents Open Interface

Your supplier can send you the latest price/sales catalog information and responses to requests for quotation through the Purchasing Documents Open Interface. The Purchasing Documents Open Interface processes catalog data to ensure that it is valid before importing it into Purchasing. One way to import catalog data into the Purchasing Documents Open Interface, and finally into Purchasing, is through Electronic Data Interchange (EDI). EDI programs import the catalog information into Purchasing directly as blanket purchase agreement lines or catalog quotations, whichever you choose. You can also choose to have the programs automatically populate the item master (through the Item Open Interface) and/or apply sourcing rules to the imported item information. If you import price/sales catalog information as blanket purchase agreement lines, you can also specify release generation methods.

Your supplier can send you the catalog information with two kinds of action codes: Original or Replace. An Original file is one in which all the catalog information is new to your system. A Replace file invalidates already-created blanket purchase agreement lines or catalog quotations

and creates new valid documents containing new price/sales catalog information.

Supplier Drop Shipments

Oracle Order Entry and Oracle Purchasing integrate to provide drop shipments. Drop shipments are orders for items that your supplier ships directly to the customer either because you don't stock or currently have the items in inventory, or because it's more cost-effective for the supplier to ship the item to the customer directly. Drop Shipments enable you to ship products directly from your supplier to the customer, reducing lead times, warehouse costs, and inventory investment.

Drop shipments are created as sales orders in Order Entry. The Purchase Release concurrent program in Order Entry creates rows in the Requisition Import tables in Purchasing. Then Purchasing's Requisition Import process creates the requisitions.

You can track the drop shipment order status using sales order or purchase order information. Your supplier can notify you through a phone call, an invoice, or an EDI document, such as an ASN, when the material has been shipped. When you receive notification, you enter the item as received, and receive it into a special organization that you create specifically for recording drop shipments made directly to customers. You handle customer returns using existing Purchasing or Order Entry functionality.

Changes to Encumbered Purchase Orders

Purchasing allows you to change purchase orders even after funds have been reserved. An Unreserve option in the Approve Document window allows you to remove any encumbrances on the purchase order, make the required changes, and then reserve funds based on your changes. Since the unreserve action exists at the header level, it affects all lines on the purchase order. The unreserve action changes the document's status to Requires Reapproval.

Document Numbering Enhancements

Purchasing numbers requisitions, purchase orders, quotations, and RFQs within operating units rather than across operating units. Purchasing also numbers receipts within inventory organizations rather than across inventory organizations. So, for example, the same requisition number could be used by two different operating units. The

same receipt number could be used by two different inventory organizations.

Multiple Reporting Currencies

Purchasing supports Multiple Reporting Currencies (MRC). The MRC feature allows you to report and maintain accounting records at the transaction level, in more than one functional currency. You do this by defining one or more reporting sets of books, in addition to your primary set of books. In your reporting sets of books, you maintain records in a functional currency other than your primary functional currency. You can set up as many reporting sets of books as you decide are necessary and associate them with a primary set of books.

Typically, you use MRC in the following situations:

- You operate in a country with an unstable currency and you need to concurrently report your business in a hard currency.
- Your company is multinational, and you need to report financial information in a common functional currency other than that of the transaction or your primary functional currency.
- You operate in a country that is part of the European Monetary Union (EMU), and you want to concurrently report in Euro in preparation for the single European currency.

Support for European Currency

If either your functional currency (defined in your set of books) or your transaction currency (the currency you enter in a purchasing document window) is Euro (the European Monetary Unit currency), and the other is another European currency, Purchasing defaults in the appropriate conversion Rate Type, Rate, and Rate Date.

Tax Defaulting Enhancements

Purchasing can default tax information onto documents from a variety of sources. You can choose from and rank the following sources for tax defaulting in the new Tax Defaults region of the Purchasing Options window:

- Ship-To Location
- Item
- Supplier Site
- Supplier

- **Financial Options**

For example, if you select and rank Supplier as **1**, Supplier Site as **2**, and Item as **3**, then when your purchasing documents default tax information, they look first for tax information from the supplier; if that tax information is not found, they look next for tax information from the supplier site; if that's not found, they look for tax information corresponding to the item.

Note: A Tax Name defined in the Purchase Order Preferences window overrides any tax defaults you set in the Tax Defaults region of the Purchasing Options window.

Creation of Requisitions and Internal Sales Orders Across Sets of Books

You can use internal requisitions to obtain inventory items from organizations that belong to a different operating unit, set of books, or chart of accounts. For internal sales orders, you can ship from an inventory organization belonging to another operating unit, set of books, or chart of accounts.

Asset/Expense Enhancement for Internal Requisitions

You can now move an asset item from an expense subinventory to an asset subinventory using internal requisitions. You can also ship an asset item from an expense subinventory into intransit.

Placing Documents in the Navigator

You can place specific purchase orders or requisitions that you reference frequently in the Oracle Applications Navigator. Placing documents in the Navigator is useful when you need to query large documents with multiple lines, shipments, or distributions. When the purchase order or requisition is open, choose Place on Navigator from the Action menu. When you choose the Documents alternative region in the Navigator, you can then access that document directly from within the Navigator.

Approved Supplier List and Enhanced Sourcing Rules

In 10SC Production Release 16, the Approved Supplier List and Enhanced Sourcing Rules were controlled features. In Release 11, these are fully-enabled, full-production features.

Procurement Workflow

Purchasing uses Oracle Workflow technology to handle the following procurement activities: requisition and purchase order approvals, automatic creation of purchase orders and releases, purchase order changes (specifically, any additional approvals those changes require), and receipt confirmation. Each of these procurement activities consists of a series of workflow processes. This means that, if you choose, you can use the Oracle Workflow Builder's easy interface to modify these processes.

Approvals

Whenever you submit a purchase order or requisition for approval, Purchasing uses Workflow technology to handle the approval process. Workflow uses the approval rules you've already defined in Purchasing. You can also use Oracle Workflow Builder to create unique approval workflows for particular document types and organizations.

Automatic Purchase Order Creation

The Procurement Workflow lets you define the business rules that determine when approved requisitions are automatically converted into standard purchase orders. You can modify this workflow in the Oracle Workflow Builder to define additional business rules that determine when your approved requisitions are automatically converted into standard purchase orders and blanket releases.

Purchase Order Changes

Changes to purchase orders may require different approvals than standard purchase orders. The Procurement Workflow lets you define what changes to purchase orders—for example, changes to amounts, suppliers, or dates—require approval and what approval rules to follow for those changes. The changes can then be sent automatically to the appropriate people for approval.

Receipt Confirmation

Through integration with Oracle Web Employees, the Procurement Workflow provides you with notifications when shipments are due and allows you to respond accordingly to the appropriate individuals, including suppliers. (These notifications are not the same as ASNs. They are generated by workflow to indicate that you should have received the goods you ordered. You then confirm whether or not you did receive them. ASNs are typically sent before the goods arrive.) Oracle Web Employees is part of the Oracle Self-Service Web Applications.

Integration with Other Oracle Applications

Oracle Purchasing is now integrated with the following Oracle Applications:

Oracle Project Manufacturing

Integration with Oracle Project Manufacturing has been enhanced since Production Release 16.

Together with Oracle Project Manufacturing, Purchasing enables you to specify projects and tasks for your requisition and purchasing transactions. Specifically, Project Manufacturing enables you to specify projects and tasks for destination types of Inventory and Shop Floor. (You can still enter project and task information for destination types of Expense.) The windows in which you can specify projects and tasks are as follows:

- Requisition Preferences
- Requisition Distributions
- Purchase Order Preferences
- Purchase Order Distributions
- Release Distributions
- RFQs (in the More alternative region)
- Quotations (in the More alternative region)

The project information you enter is used by Oracle Projects for destination types of Expense, or by Oracle Project Manufacturing for destination types of Inventory or Shop Floor.

Oracle Quality

Receiving inspections in Purchasing are now linked to Oracle Quality. From the Receiving Transactions window, you can enter quality information on the supplier, the shipper, rejections, and packaging conditions at the time of receipt.

Integration with Oracle Self-Service Web Applications

In 10SC Production Release 16, Oracle Applications for the Web was a Beta status. In Release 11, Oracle Applications for the Web is at full production and is called Oracle Self-Service Web Applications.

Modules

This section lists the enhancements made between 10SC Production 16 and Release 11.

Changed Windows

Approve Document

If you are using encumbrance/budgetary control, new Reserve and Unreserve options in this window enable you to temporarily unreserve a purchase order, make changes, and reserve it again. When you choose OK, this window submits your document to Purchasing's workflow approval process.

Document Types

New fields enable you to associate a customized workflow or workflow process with specific document types. The fields are Approval Workflow and Workflow Startup Process, and (for requisitions only) Autocreate Workflow and Autocreate Workflow Startup Process.

Find Corrections, Find Expected Receipts

A new Shipment alternative region enables you to search by Container, Truck Number, or Bar Code Label indicated on an ASN.

Find In-Transit Shipments

You can now choose a Source Type of Supplier to search for ASNs. Also, a new Shipment alternative region enables you to search by Container, Truck Number, or Bar Code Label indicated on an ASN.

Find Returns

A new Shipment alternative region enables you to search by Container, Truck Number, or Bar Code Label indicated on an ASN.

Inspection Details

If Oracle Quality is installed, you can inspect items through Quality, if the profile option *QA: PO Inspection* is set to Oracle Quality. (By default, it is set to Oracle Purchasing.)

Maintain Shipments

You can now view ASNs as well as intransit shipments. You can also cancel an ASN by choosing Cancel from the Special menu.

Quotations, RFQs

The More alternative region now includes Project Number and Task Number fields to support Oracle Projects or Oracle Project Manufacturing.

Purchase Order Preferences

A new Project Information region enables you to enter project and task information to support Oracle Projects or Oracle Project Manufacturing.

Purchasing Options

The Receipt Number Options fields in the Numbering Options region have moved to the Receiving Options window.

A new Tax Defaults region enables you to specify a tax defaulting hierarchy from which tax information is defaulted onto your Purchasing documents.

Receipts

A new ASN Type column indicates whether an ASN exists for the shipment.

Receiving Options

A new ASN Control field enables you to choose None, Reject, or Warning to determine whether or not Purchasing allows you to receive against a purchase order shipment for which an ASN exists.

Also, the Receipt Number Options fields in this window used to reside in the Numbering region of the Purchasing Options.

Receiving Transactions

If Oracle Quality is installed and at least one qualified collection plan exists for the transaction, both the Enter Quality Results option in the Special menu and the Quality button on the button bar are enabled.

Release Distributions, Requisition Distributions

A new Project region enables you to enter project and task information for a distribution line to support Oracle Projects or Oracle Project Manufacturing.

Requisition Preferences

A new Project Information region enables you to enter project and task information to support Oracle Projects or Oracle Project Manufacturing.

Obsolete Windows

Assign Function Parameters, Define FlexBuilder Parameters, Test FlexBuilder Assignments and Parameters

FlexBuilder and these associated windows are replaced by the Account Generator in Oracle Workflow.

Enter Recipient, Enter Signature Approval

These windows are replaced by Oracle Workflow functionality. Approvers without access to Purchasing can make approvals through

the Web or e-mail, since Purchasing uses Workflow technology to handle approvals.

Notifications

This window has been replaced by the Notifications Summary window, which supports Purchasing's Workflow-generated notifications.

New Reports and Processes

Advanced Shipment Notice Discrepant Receipts Report

This report looks for discrepancies between what an ASN said was shipped and what you actually received, over a period of time you specify. Each time this report is run, it also sends the discrepancies to the EDI Gateway process responsible for generating Application Advices.

ASL Upgrade Process

This process performs the same upgrade of AutoSource rules as the Release 11 AutoInstall does. You run this process only if AutoInstall fails to upgrade your AutoSource rules automatically.

Purchasing Documents Open Interface

This process receives price/sales catalog information and responses to requests for quotation (RFQs) electronically from suppliers in the form of blanket purchase agreement lines or catalog quotations. You can run this process from within EDI Gateway when you choose Import Programs from the EDI menu, or separately, from within Purchasing, after you run the EDI import program.

Purchasing Interface Errors Report

This report shows you what errors occurred while running the following programs:

- Pay on Receipt (ASN transactions with billing information)
- Pay on Receipt (receipt transactions)
- Purchasing Documents Open Interface

Receiving Interface Errors Report

This report shows you what errors occurred while the Receiving Transaction Processor was processing rows in the Receiving Open Interface tables. Rows processed in the Receiving Open Interface include ASNs, receipts, and deliveries.

Each time this report is run, it also sends errors to the EDI Gateway process responsible for generating Application Advices.

Send Notifications for Purchasing Documents

This process looks for documents that are incomplete, rejected, or in need of reapproval and sends notifications to the appropriate people of the document's status.

The following are Oracle EDI Gateway-related processes that integrate with Purchasing:

Inbound Response to a Request for Quotation (RFQ)

You can receive responses to RFQs from your suppliers electronically, via the Purchasing Documents Open Interface, in the form of blanket purchase agreement lines or catalog quotations.

Inbound Price/Sales Catalog

You can receive price/sales catalog information from your suppliers electronically, via the Purchasing Documents Open Interface, in the form of blanket purchase agreement lines or catalog quotations.

Load Inbound Advance Shipment Notices from EDI Flat File

This process loads inbound ASNs (ANSI X12 856 and 857) from EDI flat files.

Load Outbound Application Advice to EDI Flat File

This process loads outbound Application Advices to the EDI flat file.

Changed Reports and Processes

Requisition Import

The Parameters window includes a Multiple Distributions field, in which you can enter Yes to import requisitions with multiple distributions or No if you do not need to import multiple distributions.

Requisition Import is also integrated with workflow. Pre-Approved or incomplete requisitions can be submitted to the PO Requisition Approval workflow for approval. If the requisitions are already approved, the PO Create Documents workflow can create corresponding purchase orders.

Requisition Import also accepts drop shipments from Oracle Order Entry/Shipping and kanban replenishment requests from Oracle Inventory.

Receiving Transaction Processor

The Receiving Transaction Processor now has the ability to verify ASNs and to derive and default values into the receiving open interface tables. The Receiving Transaction Processor also updates CUM quantities under the following conditions:

- Supplier Scheduling is installed and CUM Accounting is enabled for the ship-to organization.
- The ASN item or items are defined in the Approved Supplier List.
- The items are sourced from the supplier using a supply agreement blanket purchase order.

Validation errors trigger the creation of Application Advices.

Database Objects

The following database objects were added, changed, or made obsolete between Production 16 and Release 11.

New Tables

Created to support multiple distributions in the Requisition Import program:

- PO_REQ_DIST_INTERFACE_ALL

Created to support the procurement workflow:

- PO_WF_DEBUG
- PO_WF_CANDIDATE_REQ_LINES_TEMP

Created to support Multiple Reporting Currencies:

- RCV_MC_REC_SUB_LEDGER
- RCV_MC_SHIPMENT_HEADERS
- RCV_MC_SHIPMENT_LINES
- RCV_MC_TRANSACTIONS
- PO_MC_DISTRIBUTIONS
- PO_MC_HEADERS

Created to support integration with Oracle Self-Service Web Applications:

- PO_RELATED_TEMPLATES

Created to support document numbering enhancements:

- PO_UNIQUE_IDENTIFIER_CONT_ALL

Changed Tables

The following section lists changes made to support kanban replenishment requests from Oracle Inventory.

PO_DISTRIBUTIONS_ALL	
New Columns	KANBAN_CARD_ID

PO_REQUISITION_LINES_ALL	
New Columns	KANBAN_CARD_ID

PO_REQUISITIONS_INTERFACE_ALL	
New Columns	KANBAN_CARD_ID

The following section lists changes made to support the procurement workflow.

PO_DOCUMENT_TYPES_ALL	
New Columns	WF_CREATEDOC_PROCESS
	WF_APPROVAL_PROCESS
	WF_APPROVAL_ITEMTYPE
	WF_CREATEDOC_ITEMTYPE

PO_HEADERS_ALL	
New Columns	WF_ITEM_TYPE
	WF_ITEM_KEY

PO_HEADERS_INTERFACE	
New Columns	WF_GROUP_ID

PO_RELEASES_ALL	
New Columns	WF_ITEM_TYPE
	WF_ITEM_KEY

PO_REQUISITION_HEADERS_ALL	
New Columns	WF_ITEM_TYPE
	WF_ITEM_KEY

The following section lists changes made to support multiple distributions in the Requisition Import program:

PO_REQ_DISTRIBUTIONS_ALL	
New Columns	ALLOCATION_TYPE
	ALLOCATION_VALUE

PO_REQUISITIONS_INTERFACE_ALL	
New Columns	ALLOCATION_TYPE
	ALLOCATION_VALUE
	MULTI_DISTRIBUTIONS
	REQ_DIST_SEQUENCE_ID

The following section lists changes made to support integration with EDI Gateway.

PO_HEADERS_ALL	
New Columns	INTERFACE_SOURCE_CODE
	REFERENCE_NUM

PO_HEADERS_ARCHIVE_ALL	
New Columns	EDI_PROCESSED_FLAG
PO_HEADERS_INTERFACE	
New Columns	REFERENCE_NUM
PO_LINES_ALL	
New Columns	LINE_REFERENCE_NUM
PO_LINES_INTERFACE	
New Columns	LINE_REFERENCE_NUM
PO_RELEASES_ALL	
New Columns	EDI_PROCESSED_FLAG
PO_RELEASES_ARCHIVE_ALL	
New Columns	EDI_PROCESSED_FLAG
PO_VENDOR_SITES_ALL	
New Columns	ECE_TP_LOCATION_CODE

The following section lists changes made to support the new Receiving Open Interface, including ASNs.

RCV_PARAMETERS	
New Columns	RECEIPT_ASN_EXISTS_CODE
PO_LINE_LOCATIONS_ALL	
New Columns	QUANTITY_SHIPPED

RCV_HEADERS_INTERFACE	
New Columns	PROCESSING_REQUEST_ID

The following section lists changes made to support enhanced sourcing rules.

PO_HEADERS_INTERFACE	
New Columns	LOAD_SOURCING_RULES_FLAG

PO_LINES_INTERFACE	
New Columns	SOURCING_RULE_NAME

The following section lists changes made to support Multiple Reporting Currencies (MRC):

PO_DISTRIBUTIONS_ALL	
New Columns	MRC_RATE_DATE
	MRC_ENCUMBERED_AMOUNT
	MRC_RATE
	MRC_UNENCUMBERED_AMOUNT

RCV_SHIPMENT_HEADERS	
New Columns	MRC_CONVERSION_RATE
	MRC_CONVERSION_RATE_TYPE
	MRC_CONVERSION_DATE

RCV_SHIPMENT_LINES	
New Columns	MRC_TRANSPORTATION_COST
	MRC_SHIPMENT_UNIT_PRICE
	MRC_TRANSFER_COST
	MRC_NOTICE_UNIT_PRICE
PO_HEADERS_ALL	
New Columns	MRC_RATE_DATE
	MRC_RATE
	MRC_RATE_TYPE
RCV_TRANSACTIONS	
New Columns	MRC_CURRENCY_CONVERSION_RATE
	MRC_CURRENCY_CONVERSION_DATE
	MRC_PO_UNIT_PRICE
	MRC_CURRENCY_CONVERSION_TYPE

The following section lists changes made to support the tax defaulting enhancements in Purchasing.

PO_SYSTEM_PARAMETERS_ALL	
New Columns	TAX_HIER_SHIP_TO_LOC
	TAX_FROM_ITEM_FLAG
	TAX_HIER_ITEM
	TAX_FROM_SHIP_TO_LOC_FLAG
	TAX_FROM_VENDOR_FLAG
	TAX_HIER_SYSTEM
	TAX_FROM_VENDOR_SITE_FLAG
	TAX_FROM_SYSTEM_FLAG
	TAX_HIER_VENDOR
	TAX_HIER_VENDOR_SITE

The following section lists changes made to support integration with Oracle Projects or Oracle Project Manufacturing for specifying projects and tasks in Purchasing.

PO_LINES_ALL	
New Columns	PROJECT_ID
	TASK_ID

The following section lists changes made to support Purchasing integration with Oracle Quality.

RCV_TRANSACTIONS	
New Columns	QA_COLLECTION_ID

RCV_TRANSACTIONS_INTERFACE	
New Columns	QA_COLLECTION_ID

The following section lists changes made to support document numbering enhancements.

RCV_PARAMETERS	
New Columns	USER_DEFINED_RECEIPT_NUM_CODE
	MANUAL_RECEIPT_NUM_TYPE
	NEXT_RECEIPT_NUM

The following section lists changes made to support globalization of Oracle Purchasing:

PO_HEADERS_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE20

PO_HEADERS_ARCHIVE_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE20

PO_LINES_INTERFACE	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

PO_LINES_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

PO_LINES_ARCHIVE_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

PO_LINE_LOCATIONS_ARCHIVE_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

PO_RELEASES_ARCHIVE_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

PO_RELEASES_ALL	
New Columns	GLOBAL_ATTRIBUTE_CATEGORY
	GLOBAL_ATTRIBUTE1 through GLOBAL_ATTRIBUTE15

The following section lists changes made to support integration with Oracle Self-Service Web Applications (for designating a purchase order number on a requisition):

PO_REQUISITION_HEADERS_ALL	
New Columns	EMERGENCY_PO_NUM

PO_REQUISITIONS_INTERFACE_ALL	
New Columns	EMERGENCY_PO_NUM

The following section lists changes made to support grants management.

PO_DISTRIBUTIONS_ALL	
New Columns	AWARD_ID
PO_REQ_DISTRIBUTIONS_ALL	
New Columns	AWARD_ID
PO_REQUISITIONS_INTERFACE_ALL	
New Columns	AWARD_ID

The following section lists other changes made to tables.

PO_HEADERS_INTERFACE	
New Columns	VENDOR_NUM
	FROM_RFQ_NUM
PO_LINES_INTERFACE	
New Columns	INVOICE_CLOSE_TOLERANCE
	ORGANIZATION_ID
	UNIT_WEIGHT
	WEIGHT_UOM_CODE
	VOLUME_UOM_CODE
	UNIT_VOLUME
	TEMPLATE_ID
	TEMPLATE_NAME

PO_LINES_ALL	
New Columns	QC_GRADE
	BASE_UOM
	BASE_QTY
	SECONDARY_UOM
	SECONDARY_QTY

The following column type changed for Release 11.

PO_QUOTATION_APPROVALS_ALL	
Changed Columns	APPROVER ID changed from NUMBER(9) to VARCHAR2(25)

The following section lists columns that used to be NOT NULL (meaning values in these columns are required) but are no longer NOT NULL (meaning values in these columns are no longer required).

Table Name	Column Name
PO_AGENTS	AGENT_ID
PO_EMPLOYEE_HIERARCHIES_ALL	EMPLOYEE_ID
	SUPERIOR_ID
PO_HEADERS_ALL	AGENT_ID
PO_HEADERS_ARCHIVE_ALL	AGENT_ID
PO_NOTIFICATIONS_ALL	EMPLOYEE_ID
PO_RELEASES_ALL	AGENT_ID
PO_REQUISITION_HEADERS_ALL	PREPARER_ID
PO_REQUISITION_LINES_ALL	TO_PERSON_ID

The following section lists database tables with columns that have been resized for Release 11. An asterisk (*) indicates that the column size has decreased; the rest of the column sizes have increased.

Table Name	Column Name	New Size
PO_ACTION_HISTORY	EMPLOYEE_ID	NUMBER
PO_AGENTS	AGENT_ID	NUMBER
PO_DISTRIBUTIONS_ALL	DELIVER_TO_PERSON_ID	NUMBER
PO_DISTRIBUTIONS_ARCHIVE_ALL	DELIVER_TO_PERSON_ID	NUMBER
PO_EMPLOYEE_HIERARCHIES_ALL	EMPLOYEE_ID	NUMBER
	SUPERIOR_ID	NUMBER
PO_HEADERS_ALL	AGENT_ID	NUMBER
PO_HEADERS_ARCHIVE_ALL	AGENT_ID	NUMBER
	CLOSED_CODE	VARCHAR2(150)
PO_INTERFACE_ERRORS	ERROR_MESSAGE	VARCHAR2(240) *
PO_LINES_ALL	CANCELLED_BY	NUMBER
	CLOSED_BY	NUMBER
PO_LINES_ARCHIVE_ALL	CANCELLED_BY	NUMBER
PO_LINE_LOCATIONS_ALL	CANCELLED_BY	NUMBER
	CLOSED_BY	NUMBER
	GLOBAL_ATTRIBUTE_CATEGORY	VARCHAR2(30) *
PO_NOTIFICATIONS_ALL	EMPLOYEE_ID	NUMBER
PO_QUOTATION_APPROVALS_ALL	APPROVER_ID	VARCHAR2(25)
PO_RELEASES_ALL	AGENT_ID	NUMBER
	HOLD_BY	NUMBER

Table Name	Column Name	New Size
	CANCELLED_BY	NUMBER
PO_REQEXPRESS_LINES_ALL	SUGGESTED_BUYER_ID	NUMBER
PO_REQUISITION_HEADERS_ALL	PREPARER_ID	NUMBER
PO_REQUISITION_LINES_ALL	SUGGESTED_BUYER_ID	NUMBER
	PURCHASING_AGENT_ID	NUMBER
	RESEARCH_AGENT_ID	NUMBER
	TO_PERSON_ID	NUMBER
PO_SYSTEM_PARAMETERS_ALL	GLOBAL_ATTRIBUTE_CATEGORY	VARCHAR2(30) *
PO_VENDORS	HOLD_BY	NUMBER
RCV_SHIPMENT_HEADERS	EMPLOYEE_ID	NUMBER
RCV_SHIPMENT_LINES	DELIVER_TO_PERSON_ID	NUMBER
	EMPLOYEE_ID	NUMBER
RCV_TRANSACTIONS_INTERFACE	EMPLOYEE_ID	NUMBER
RCV_TRANSACTIONS	EMPLOYEE_ID	NUMBER
	DELIVER_TO_PERSON_ID	NUMBER

New Views

Added to support multiple distributions in the Requisition Import program:

- PO_REQ_DIST_INTERFACE

Added to support integration with Multiple Reporting Currencies:

- PO_DISTRIBUTIONS_ALL_MRC_V
- PO_DISTRIBUTIONS_MRC_V
- PO_HEADERS_ALL_MRC_V

- PO_HEADERS_MRC_V
- PO_REQUISITION_LINES_ALL_MRC_V
- PO_REQUISITION_LINES_MRC_V
- RCV_REC_SUB_LEDGER_MRC_V
- RCV_SHIPMENT_HEADERS_MRC_V
- RCV_SHIPMENT_LINES_MRC_V
- RCV_TRANSACTIONS_MRC_V

Added to support document numbering enhancements:

- PO_UNIQUE_IDENTIFIER_CONTROL

Added to support validation:

- PO_LOCATIONS_VAL_V
- PO_UNITS_OF_MEASURE_VAL_V

Added to support procurement workflow:

- PO_WF_NOTIFICATIONS_V
- RCV_CONFIRM_RECEIPT_V

Added to support the Purchasing Documents Open Interface:

- PO_832_BATCH_ID_V

Changed Views

Changed to support kanban replenishment requests from Oracle Inventory:

- PO_REQUISITION_LINES
- PO_DISTRIBUTIONS
- PO_REQUISITIONS_INTERFACE

Changed to support Release 11 changes in Oracle Human Resources Management Systems:

- HR_EMPLOYEES_CURRENT_V

Changed to support the procurement workflow:

- PO-DOCUMENT_TYPES
- PO_DOCUMENT_TYPES_V
- PO_HEADERS

- PO_HEADERS_V
- PO_REQUISITION_HEADERS_V
- PO_RELEASES
- PO_RELEASES_V

Changed to support integration with EDI Gateway:

- PO_HEADERS
- PO_VENDOR_SITES

Changed to support integration with Oracle Projects or Oracle Project Manufacturing for specifying projects and tasks in Purchasing:

- PO_QUOTATIONS_TO_APPROVE
- PO_LINES
- PO_SHIP_SUPPLY_VIEW
- PO_SHIP_RCV_SUPPLY_VIEW

Changed to support the new Receiving Open Interface, including ASNs:

- RCV_ENTER_RECEIPTS_V

Changed to support globalization of Oracle Purchasing:

- PO_LINES_ARCHIVE
- PO_LINE_LOCATIONS_ARCHIVE
- PO_LINE_LOCATIONS_AP_V
- PO_HEADERS_ARCHIVE
- PO_RELEASES_ARCHIVE

Changed to support tax defaulting enhancements:

- PO_SYSTEM_PARAMETERS

Changed to support document numbering enhancements:

- RCV_RECEIVING_PARAMETERS_V

Changed to support integration with Oracle Quality:

- RCV_TRANSACTIONS_V
- RCV_VIEW_INTERFACE_V

Changed to support integration with Oracle Self-Service Web Applications:

- PO_REQUISITION_HEADERS
- PO_REQUISITIONS_INTERFACE

Changed to support other enhancements in Release 11:

- PO_ASL_SUPPLIERS_V
- PO_APPROVED_SUPPLIER_LIST_V
- RCV_VRC_TXS_V
- RCV_VRC_HDS_V
- PO_LOOKUP_CODES_PAY_GROUP_AP_V
- PO_POS_ALL_V
- PO_UN_NUMBERS_VAL_V
- PO_DISTRIBUTIONS_AP2_V
- PO_DISTRIBUTIONS_INQ_V
- PO_DISTRIBUTIONS_V
- PO_SUPPLIERS_VAL_V
- PO_SUPPLIER_SITES_VAL_V
- PO_HEADERS_CHANGE_PRINT
- PO_HEADERS_PRINT
- PO_HEADERS_INQ_V
- PO_LINES_AP_V
- PO_LINES_V
- PO_LINES_ROOT_V
- PO_LINES_INQ_V
- PO_LINE_LOCATIONS_PRINT
- PO_LINE_LOCATIONS_CHANGE_PRINT
- PO_LINE_LOCATIONS_RELEASE_V
- PO_LINE_LOCATIONS_V

- PO_LINE_LOCATIONS
- PO_LINE_LOCATIONS_INQ_V
- RCV_RECEIVING_ACCT_DISTR_V
- RCV_MSH_V
- RCV_MSL_V
- PO_REQ_DISTRIBUTIONS

New Indexes

- PO_LINES_INTERFACE_U1
- PO_HEADERS_INTERFACE_U1
- PO_LINES_INTERFACE_N1
- RCV_SHIPMENT_HEADERS_N6

Changed Indexes

In the table PO_ACCRUAL_ACCOUNTS_TEMP_ALL, the index PO_ACCRUAL_ACCOUNTS_TEMP_U1 contains a new column, ORG_ID.

Obsolete Indexes

- RCV_SHIPMENT_HEADERS_U2
- PO_ACCRUAL_ACCOUNTS_TEMP_U1

New Sequences

Added to support the procurement workflow:

- PO_WF_DEBUG_S
- PO_WF_ITEMKEY_S
- PO_WF_GROUP_S

Added to support changes in the Requisition Import program:

- PO_RI_DIST_SEQUENCE_S
- PO_REQ_DIST_INTERFACE_S

Added to support integration with the Items Open Interface:

- PO_ITEMS_INTERFACE_SETS_S

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New List of Values (QuickCodes)

Lookup Types	Lookup Codes
APPROVER ACTIONS	UNRESERVE
ASN_TYPE	ASBN
ASN_TYPE	ASN
RCV TRANSACTION TYPE	CANCEL
TRANSACTION_TYPE	CANCEL
TRANSACTION_TYPE	NEW

Obsolete List of Values (QuickCodes)

- QUOTATION TYPE

The following lookups are also obsolete in Release 11:

Lookup Types	Lookup Codes
PO APPROVAL MODE	USER EXIT
PO APPROVAL MODE	DOCUMENT_MANAGER
PO APPROVAL MODE	WORKFLOW

New Workflows

Added to support approvals:

- PO Approval
- PO Requisition Approval
- Send Notifications for Purchasing Documents

Added to support the automatic creation of purchase orders and releases:

- PO Create Documents

In replacement of FlexBuilder rules, the following workflows were added to support account generation:

- PO Accrual Account Generator
- PO Budget Account Generator
- PO Charge Account Generator
- PO Variance Account Generator
- PO Requisition Accrual Account Generator
- PO Requisition Budget Account Generator
- PO Requisition Charge Account Generator
- PO Requisition Variance Account Generator

New Menus

Added to the Oracle Purchasing Navigator to support the Account Generator, which replaces FlexBuilder in Release 11:

- Account Generator Processes

Added to the Oracle Purchasing Navigator to support sourcing rules in Release 11:

- Assign Sourcing Rules
- Sourcing Rules
- Supplier Statuses

Added to the Oracle Purchasing Navigator to support viewing archived versions of a purchase order through a Web browser:

- Purchase Order Change History

Profile Options

The following profile options were added, changed, or made obsolete between 10SC Production 16 and Release 11.

New Profile Options

- *RCV: Fail All ASN Lines if One Line Fails*

This profile option supports ASNs.

- *PO: Workflow Processing Mode*

This profile option affects the performance of the Purchasing approval workflow processes.

Obsolete Profile Options

- *PO: Display Find on Open Catalog*

The Supplier Item Catalog does not use this profile option.

- *PO: Document Approval Mode*

In the previous release, this profile option let you choose between the Document Approval Manager or the standard user exit method for document approvals. Since the approval workflow in Release 11 already uses the Document Approval Manager, there is no longer the need to choose between the two.

- *PO: Use Enhanced Sourcing Rules*

This profile option is obsolete now that Purchasing fully utilizes enhanced sourcing rules.

Production Release 10SC Features and Changes

This section contains a list of the new features added to Oracle Purchasing between Release 10.7 and 10SC Production Release 16 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features for Oracle Purchasing are listed in the following pages. They are divided by the various release levels from Production 1–15 to Production 16. Release levels that did not have any new features are not listed.

10SC Production Release 16

This section lists enhancements made between Release 10.7 and 10SC Production 16.

Approved Supplier List

All procurement organizations maintain lists that associate the items and services they buy with the organizations who supply them, either formally or informally. Data stored in a controlled, global repository, which contains relevant details about each ship-from/ship-to/item relationship, is known as an Approved Supplier List (ASL). This repository includes information about all suppliers with business statuses ranging from fully Certified (the supplier has demonstrated the ability to satisfy rigorous quality, cost, and delivery requirements over a sustained period) to Disqualified (the supplier is temporarily/permanently disallowed on purchase orders due to performance failure, unacceptable business practices, etc.) or New if you have never placed a Purchase Order with the supplier.

Note: Approved Supplier List is a controlled feature for this prod release. Contact Oracle Worldwide Support for more information about using this feature.

Enhanced Sourcing Rules

Sourcing rules can be created in Oracle Purchasing, Oracle Supplier Scheduling, or Oracle Planning. These rules define replenishment information for purchased items and allow you to specify one or more sources for each item. When an item has multiple sources, you may specify the percentage split among them and the priority ranking for

each source. (These must add up to 100%, but you can have 0% allocations.) In addition, you can set effective dates for each source.

Sourcing rules can be defined for a single organization or for all organizations in an operating unit. A global sourcing rule will be available for all organizations to use while a local sourcing rule may be used only in the organization in which it was defined.

Once all sourcing rules have been defined, you must assign them by creating a collection of rules called an Assignment Set. You may assign sourcing rules at 6 levels:

- Item/Organization combination
- Item
- Category/Organization combination
- Global
- Category
- Organization

These levels are set up in a hierarchy. For example, the Item/Organization level takes precedence over the Item level.

Three profile options can be used with Enhanced Sourcing Rules:

- PO Use Enhanced Sourcing Rules
- MRP Default Sourcing Assignment Set
- MRP Sourcing Rule Category Set

Note: Enhanced Sourcing Rules is a controlled feature for this product release. Contact Oracle Worldwide Support for more information about using this feature.

IntraStat

The Movement Statistics (IntraStat) window was created as a part of a localization to meet the European Economic Community (EEC) requirements for a single market, (effective on January 1, 1993). It captures movement data at different points, for example, during shipping and receiving of goods between European Union countries.

Oracle Applications for the Web Integration

Note: Oracle Applications for the Web Version 2.0 currently has a Beta status. Its use is limited to demonstration and evaluation

purposes ONLY. Production use requires approval of the Oracle Applications for the Web Product Manager.

If you install Oracle Web Employees Version 2.0, you can use a standard Web browser to place orders and review status information. If you install Oracle Web Suppliers Version 2.0, your suppliers can view orders and payment information. For more information about Oracle Applications for the Web, contact your local Oracle representative.

Project Manufacturing

If Project Manufacturing is enabled, you can enter Project Manufacturing information (Project and Task) by choosing a Destination Type of Inventory or Shop Floor. Three windows contain the Project Manufacturing enhancements: Enter Purchase Orders, Enter Releases, and Enter Requisitions. All three contain the same field configurations. The following table lists the fields governed by the Destination Type.

TYPE	FIELDS AVAILABLE FOR ENTRY
INVENTORY, SHOP FLOOR	PROJECT, *TASK
EXPENSE	PROJECT, TASK, TYPE, ORG, AND DATE

*The Project Control Level governs the Task field as follows: 1 = Optional 2 = Mandatory

Note: Fields relevant to Project Manufacturing may appear on certain windows. Their functionality will be documented as they are made available.

10SC Production Release 1–15

This section lists the enhancements that have been made to Oracle Purchasing since it was included as a Release 10SC Production product in Production 14.

Function Security for Document Security and Access

Function Security defines the specific access to the individual forms and business functions of each form. Purchasing provides the following basic responsibilities: Requestor, Receiver, Buyer, and PO Superuser. You can create new and customize the existing responsibilities.

Putaway Rules for Receiving

This is a server-side API. It is an open-ended call that allows the user to customize putaway rules for delivery subinventory and locator_id. There are generic rules that are standard with the product. If there is a default sub-inventory, then the system gets the locator_id and does the putaway. This all goes to the API. The user can then add rules to the API that go out and derive a new sub-inventory and locator_id after the post query. This can be done for the Enter Receipts and Enter Transactions forms including Express Receipts. This actually replaces the code in the package body with whatever rules you want.

This allows the user to delete receiving transaction interface rows directly from the Receiving Transaction Status Summary form. If you have rows that have errored out you can delete them directly from this form.

In the Receiving Transaction form, you can now query based on a specific routing. If you want to see only those receipts waiting for inspection, you can limit the query accordingly.

You define primary and secondary nodes for your concurrent managers to control throughput between your nodes. From any node you can view your log and output files from requests that ran on any other node.

Modified Reports

The Print Purchase Orders reports have a new parameter to optionally print the releases associated with a blanket or planned purchase order.

Document Approval Manager

The Document Approval Manager is a new online transaction manager that handles all approval actions for Purchasing. The Document Approval Manager is a server-side standalone process. It awaits requests from individual 10SC PC clients and performs the necessary processing to approve a Requisition, Purchase Order, or Release. Since the manager resides on the server, it enables more efficient processing of these approvals which results in significantly improved system performance.

The Document approval Manager is created with the installation of this Production release. A new profile option has also been included with the Document Approval Manager. It allows you to choose whether to continue to use the standard user exit method of processing the document approvals, or to use the new Document Approval Manager. This profile option is called Document Approval Mode and has three

possible settings: Standard User Exit, Document Approval Manager, and Workflow. Standard User Exit is the default setting. Changing the option to Document Approval Manager utilizes the server side process. Workflow is an option that will be utilized in a future release when Oracle Purchasing is integrated with Oracle Workflow.

If you change your Document Approval Mode profile option to Document Approval Manager and the server-side process is not running, and you then attempt to approve a document from the 10SC PC client, you will receive a warning message requesting that you either start the Document Approval Manager or change your profile option.

Note: This was a controlled feature for the Production 15 release. The document approval manager does not support override of budgetary controls. If you want to override, you will need to set your profile option to Standard User Exit.

Performance Improvements in Transaction Entry Windows

Significant performance improvements have been made in opening and viewing records in transaction entry windows. These improvements affect the following actions:

- Opening Enter Purchase Orders from Notifications, Purchase Order Summary and AutoCreate
- Opening the Enter Requisitions from Notifications and Requisition Summary
- Opening the Enter RFQs from Notifications and AutoCreate
- Opening the Enter Releases from Notifications, Purchase Order Summary, and AutoCreate

After opening one of the Enter Transactions windows, do not close it. Subsequent actions this window. For example, opening the Enter Purchase Orders window for the first time from AutoCreate opens that window and queries up the AutoCreated document (see details on the profile option Display the AutoCreated Document). Every subsequent AutoCreate transaction uses the same Enter Purchase Orders window that was opened during the first AutoCreate transaction. The latest AutoCreated document is automatically queried up. In previous releases, a new Enter Purchase Orders window was opened each time.

Profile Option Changes

The following profile options have been added, changed, or made obsolete between Release 10.7 and 10SC Production 16 of Oracle Purchasing.

10SC Production Release 16

The following profile options were changed between Release 10.7 and 10SC Production 16.

- *PO: Document Approval Mode*

Allows you to choose whether to continue to use the standard user exit method of processing the document approvals, or to use the new Document Approval Manager. This profile option has three possible settings: Standard User Exit, Document Approval Manager, and Workflow. Standard User Exit is the default.

- *PO: Use Enhanced Sourcing Rules*

Set this profile option to Yes if you are using the new sourcing rules and ASL. If you want to continue to use the Autosource Rules, set this value to No. You can update this profile at the site level.

Oracle Quality

This chapter lists the new features offered when you upgrade from Release 10.7 GUI Production 16 or Release 10.7 GUI Production 16.1 to Release 11 of Oracle Quality.

This chapter also describes the changes made to modules, database objects, seed data and profile options.

Release 11 Features and Changes

This section lists new features added to Oracle Quality between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made between 10SC Production 16.1 and Release 11.

Integration with Oracle Purchasing

In this release of Oracle Purchasing, you can use Oracle Quality to collect quality data as you transfer receipts internally before you deliver them to the final destination as specified on the source document. You also have the option to use Oracle Quality, instead of Oracle Purchasing,

to collect quality data as you inspect items in receiving and inspection, then accept or reject quantities as required.

Integration with Oracle Service

In this release of Oracle Service, you can use Oracle Quality to collect quality data as you enter service requests.

Statit Graphics Integration

You have the option to use Statware's Statit Statistical Quality and Process Control software to create charts and descriptive statistic views. By integrating Oracle Quality and Statware, you can use Oracle Quality collection plans to collect and then select data for your charts and views. Then you can use Statware to generate the charts and views. You can export the data selected to Statware where it can be further analyzed.

Collection Import Update

You can import updated quality data records using Collection Import. Updating a record essentially replaces the existing record.

Specification Subtypes

In addition to the specification types, you can define specification subtypes. Specification subtypes make the specification selection process more specific. For example, you can define a supplier specification that is specific not only to a particular supplier but also to the location of the supplier's facility.

In List for Collection Triggers

You can define custom "in" and "not in" list operators for the collection triggers that you define in the Collection Transactions window. The "in" record selection condition allows you to create a user-defined list of values. The "not in" record selection condition also allows you to create a user-defined list of values. However in this instance, only quality results values that do *not* match the values in this list are selected.

Transactional Data Collection with Multiple Collection Plans

If you try to save a transaction for which one or more valid collection plan exists and one of these collection plan is mandatory, a warning and the name of the mandatory collection plan are displayed.

Project Manufacturing Support

Oracle Quality contains two new predefined collection elements (Project Number and Task Number) that allow you to define projects and tasks.

Template Collection Plans

Oracle Quality offers templates from which you can create collection plans for transactional data collection. You can create a collection plan from a template by copying the components from the template to your collection plan. Using template collection plans ensures that your collection plan will include all of the required collection elements necessary for transactional data collection. This release offers four pre-seeded template collection plans: PO Inspection, PO Receiving, Service Request and WIP Move.

Invisible Collection Elements

You can now choose whether to have a collection element displayed. For invisible collection elements, quality results can be captured without the element appearing on the Enter Quality Results window.

New Actions

These new actions have been added to Quality: "Place a Supplier on hold," "Place a Document or release on hold," and "Assign an ASL status."

Modules

This section lists the enhancements made between 10SC Production 16.1 and Release 11.

Changed Windows

Window	Field or option added
Specifications	New field: Specification subtype
Find Specifications	New field: Specification subtype
Collection Transaction	New option: Enabled

Database Objects

The following database objects were added or changed between Release 10SC Production 16.1 and Release 11.

New Tables

Added to support the new Collection Import Update functionality:

- QA_RESULTS_UPDATE_HISTORY

Changed Tables

QA_CHAR_VALUE_LOOKUPS

The following new columns provide information needed for improved flexfield functionality:

- ATTRIBUTE_CATEGORY
- ATTRIBUTE1 through ATTRIBUTE15

QA_PLAN_CHAR_ACTIONS

The size of the column MESSAGE has been changed from VARCHAR2(240) to VARCHAR2(2000)

QA_PLAN_CHAR_VALUE_LOOKUPS

The following new columns provide information needed for improved flexfield functionality:

- ATTRIBUTE_CATEGORY
- ATTRIBUTE1 through ATTRIBUTE15

QA_PLAN_TRANSACTIONS

The ENABLED_FLAG field (which determines whether a collection plan is enabled) has been added to provide information needed for Oracle Quality's integration with Oracle Purchasing.

QA_RESULTS

The following new columns support quality data collection for project jobs:

- PROJECT_ID
- TASK_ID

The following new columns provide information needed for Oracle Quality's integration with Oracle Purchasing:

- TRANSACTION_DATE
- PO_RELEASE_ID

The following new column determines whether a row is valid or invalid:

- STATUS

QA_RESULTS_INTERFACE

The following new columns provide information needed for Oracle Quality's integration with Oracle Purchasing:

- TRANSACTION_DATE
- TO_DEPARTMENT_ID
- TO_DEPARTMENT
- PO_RELEASE_ID
- PO_RELEASE_NUM
- PO_TYPE_LOOKUP
- STATUS

The following new columns support quality data collection for project jobs:

- PROJECT_ID
- PROJECT_NUMBER
- TASK_ID
- TASK_NUMBER

The following new columns support the new Update Collection Import functionality:

- INSERT_TYPE
- MATCHING_ELEMENTS

QA_SPECS

The following new columns support specification subtypes:

- CHAR_ID
- SPEC_ELEMENT_VALUE

New Views

The following view contains valid results:

- QA_RESULTS_VAL_V

Changed Views

Changed to contain the ENABLED_FLAG and ENABLED_MEANING fields (These fields determine whether a collection plan is enabled or disabled):

- QA_PLAN_TRANSACTIONS_V

Changed to include modifications made in the base table QA_RESULTS:

- QA_RESULTS_V

Changed to support specification subtypes:

- QA_SPECS_V

New Indexes

Added to support the new Update Collection Import functionality.

QA_RESULTS_UPDATE_HISTORY_U1

This index is on the following column of the QA_RESULTS_UPDATE_HISTORY table:

- UPDATE_ID

QA_RESULTS_UPDATE_HISTORY_N1

This index is on the following column of the QA_RESULTS_UPDATE_HISTORY table:

- CHAR_ID

Changed Indexes

QA_SPECS_U3

The following new columns support the specification subtype enhancements:

- ORG_ID
- CHAR_ID
- SPEC_ELEMENT_VALUE

New Sequences

The following sequence was added to support the new Update Collection Import functionality:

- QA_RESULTS_UPDATE_HISTORY_S

Seed Data

The following seed data was added or changed between Release 10SC Production 16.1 and Release 11.

New Lookup Codes

The following table describes new lookup codes that have been added to the MFG_LOOKUP table to support Oracle Quality's integration with Statit Graphics.

Lookup_type	Lookup_code	Meaning
QA_STAT_ENGINE_OPTION	0	Oracle Quality
QA_STAT_ENGINE_OPTION	1	Statit

The following table describes a new lookup code to support the Update Collection Import program.

Lookup_type	Lookup_code	Meaning
QA_IMPORT_TXN_TYPE	1	Insert Transaction
	2	Update Transaction

New Collection Elements

Element Name	Comments
ASL Status	New for integration with Oracle Purchasing
Actual Resolution Date	New for integration with Oracle Service
Incident Type	New for integration with Oracle Service
Inspection Reason Code	New
Owner	New for integration with Oracle Service
Project Number	New for Project Manufacturing
Request Date	New for integration with Oracle Service
Resolution Code	New for integration with Oracle Service
Severity	New for integration with Oracle Service

Element Name	Comments
Supplier Site	New for integration with Oracle Purchasing
Task Number	New for Project Manufacturing
UOM Name	New for integration with Oracle Purchasing
Urgency	New for integration with Oracle Service

Changed Collection Elements

Element Name	Comments
Destination Type	SQL validation string changed
Hazard Class	Prompt name corrected
Operation Code	SQL validation string changed
Order Type	Dependent char and foreign key data changed
Supplier	SQL validation string changed
To Operation Code	SQL validation string changed
Transaction Date	Hardcoded column changed

New Transactions

- Receiving Transactions (Oracle Purchasing)
- Service Requests (Oracle Service)
- Inspection Transactions (Oracle Purchasing)

New Collection Triggers

The following table lists new collection triggers and their associated transactions.

Transaction	Trigger Name
Move Transactions (Oracle Work in Process)	UOM
Receiving Transactions (Oracle Purchasing)	Vendor Item Number

Transaction	Trigger Name
	Hazard Class
	UN Number
	Item
	Location
	Locator
	Requestor
	Subinventory
	Supplier Lot Number
	Reason Code
	Job
	Production Line
	Supplier
	Parent Transaction Quantity
	UOM Name
	Destination Type
	Revision
	PO Number
	PO Line Number
	PO Shipment
	Ordered Quantity
	Expected Receipt Date
	Order Type
	To Op Seq Number
Department	
PO Release Number	
Transaction Type	
ASL status	
Inspection Transactions (Oracle Purchasing)	Name

Transaction	Trigger Name
	Supplier
	Parent Transaction Quantity
	UOM Name
	Revision
	PO Number
	PO Line Number
	PO Shipment
	Ordered Quantity
	Expected Receipt Date
	Vendor Item Number
	Hazard Class
	UN Number
	Item
	Location
	Locator
	Requestor
	Subinventory
	Supplier Lot Number
	Reason Code
	Job
	Production Line
	To Op Seq Number
	Department
	PO Release Number
	Urgency
	Transaction Type
	ASL Status
	Order Type

Transaction	Trigger Name
Service Requests (Oracle Service)	Severity
	Resolution Code
	Incident Type
	Customer
	Item
	Owner
	Request Date
	Expected Resolution Date
	Actual Resolution Date
	Item Category
	Urgency

New Collection Plans

The following table lists the four new pre-seeded collection plan templates, each collection plan's constituent elements, and any pre-seeded action triggers.

Template Plan	Element Name	Associated Actions (if any)
Template PO Inspection	Transaction Date	Accept the shipment Reject the shipment
	Quantity	Assign a value to a collection element
	PO Quality Code	
	Comments	
	Inspection Result	
	Item	
	UOM Name	
	Inspection Reason Code	
	Inspection Supplier Lot Number	

Template Plan	Element Name	Associated Actions (if any)
Template PO Receiving	Transaction Date	
	Quantity	
	Comments	
	Item	
	Supplier	
	PO Number	
	Defect Code	
	Quantity Defective	
	UOM Name	
Template WIP Move	Department	
	Quantity	
	Item	
	UOM	
	Job	
	To Op Seq Number	
	From Op Seq Number	
	To Intraoperation Step	
	From Intraoperation Step	
	Operation Code	
	Defect Code	
	Quantity Defective	
	To Department	
	To Operation Code	
Template Service Request	Item	
	Customer	
	Resolution Code	
	Problem Code	
	Urgency	

Template Plan	Element Name	Associated Actions (if any)
	Severity	
	Owner	
	Expected Resolution Date	
	Actual Resolution Date	

New Value Set

Added to support collection import:

- QA_IMPORT_TXN_TYPE

Changed Value Sets

Changed to use the FND_COMMON_LOOKUPS table:

- QA_SRS_PLAN_TYPE
- QA_SRS_ELEMENT_TYPE

Profile Options

This section lists profile option changes made between Release 10SC Production 16.1 and Release 11.

New Profile Options

- *QA:PO Inspection*
Determines whether inspection results and quantities accepted/rejected are entered in Oracle Purchasing or Oracle Purchasing.
- *QA:Statistics Engine*
Determines which statistics engine to use when creating charts, viewing descriptive statistics, and exploring the data used to create these charts and views.
- *QA:Statistics Engine Path*
If you use Statit, this profile option indicates where the Statit software is installed and where Oracle Quality stores the quality data that Statit reads. (Not for use with Web-Deployed Oracle Applications.)

Oracle Receivables

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Receivables and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your Oracle Receivables upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16.1 10SC Production 16 10SC Production 1–15
10.7 GUI Production 16	Release 11 Production 16.1
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Receivables between Release 10SC Production 16.1 and Release 11 and describes the changes

made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements that made between 10SC Production 16.1 and Release 11. For more information, see your Release 11 User's Guide.

Additional Information: (*Oracle Receivables User's Guide or Oracle Government Receivables User's Guide*)

Cross Currency Receipts

Apply a cash receipt in one currency against one or more invoices issued in different currencies. For example, you can apply a receipt denominated in Canadian dollars to an invoice issued in US dollars. You can also apply multiple payments in any predefined currency to a single invoice. Receivables automatically calculates the foreign exchange gain or loss caused by rate fluctuations between your functional currency and the foreign currency between the invoice date and the receipt date.

You can also generate a report that lets you identify and analyze your cross currency receipts in detail and determine whether the cross currency rates used by your customers are acceptable. Receivables also supports the unique characteristics of currencies that are fixed-rate denominations of the Euro.

Default Tax from Natural Account

You can optionally default your tax information based on the natural account of the items that you sell or the services that you provide. Receivables lets you optionally enforce the relationship between natural account and tax, thereby preventing updates at the transaction level. This feature is primarily a requirement for implementations in Germany, Japan, and parts of Scandinavia where tax factors significantly influence the chart of accounts structure.

Typically, revenue accounts are classified and set up to reflect the current tax regime and comply with VAT rules. For example, in Germany, where there are two rates of VAT (standard and reduced), revenue accounts may be classified not only by revenue classifications, but also by tax rate. For example:

<u>Account</u>	<u>Description</u>	<u>VAT Code/Rate</u>
8100	Revenue Services	VAT @ 15%
8301	Revenue Documentation	VAT @ 7%

Notes Receivable

Process future-dated checks and promissory notes as notes receivable. When a note reaches its maturity date, money is automatically transferred from the note issuer's bank to the note holder's bank.

Transaction Application Programming Interface (API)

With API, you use Oracle Order Entry or another third party application to create, update, and delete invoices, credit memos, and debit memos in Receivables. The API allows other systems to create transactions on demand which can potentially reduce the time required to transfer transactions. The API features full validation to ensure transaction integrity and can be used in addition to, or instead of, AutoInvoice.



Attention: This feature currently has a BETA status and should be used only with a test or demonstration database. Before using this feature in a production environment, please contact the Receivables Product Director for approval.

Payment Application Rule Sets

Receivables supports a user-defined hierarchy of payment application rules. You can define a flexible set of rules to control how your payment is applied to your transaction balances (for example, line, tax, freight, and other charges). Within each rule set, you can specify the exact order in which Receivables applies the payment. Alternatively, you can define how the payment will be prorated among line types.

Multiple Organization Enhancements

You can now assign a default salesperson at the customer site level in a multiple organization environment. Additionally, you can create centralized statement and dunning sites for each customer in a multiple organization environment.

AutoLockbox Enhancements

Receivables provides several new methods for matching receipts with transactions when you import receipts using AutoLockbox.

Lockbox uses the Match Receipts By method that you specify at the Lockbox and your customer or customer site level when determining how to apply each receipt. If the customer number or MICR number is not provided in your transmission, Lockbox tries to identify the customer and the invoice to which each receipt should be applied based on whatever information is included. Lockbox always searches for a match in the following order:

- Transaction Number
- Sales Order Number
- Purchase Order Number
- Consolidated Billing Invoice Number
- Other (custom defined number)

If Lockbox cannot find a match after searching for each type of number in the sequence, it applies the receipts using the AutoCash Rule Set defined for this customer.

Receivables also lets you specify a Remaining Amount Rule Set for your customer profile classes. This rule set lets you control how Receivables will apply any leftover receipt amount created by a partial receipt application during Post QuickCash.

You can also determine how your Lockbox will handle receipts that could not be fully applied because of invalid transaction numbers. Depending on your setup, Lockbox will either import the receipt into Receivables and mark the remaining amount Unapplied or reject the entire receipt.

Tax Inclusive

Enter line amounts that include tax. This feature is required in countries such as Latin America, Japan, and Canada where unit prices often include tax. Tax inclusive tax codes calculate tax and transaction amounts based on tax codes that you define as inclusive or exclusive.

Query Customers Using Variable Criteria

Search for customer information using additional criteria. Using the Find Customers window, you can look up a customer based on a phone number or view all customers within a given city, state, county, province, country, postal code, or area code.

User Definable Dunning Letters

Receivables provides the option to create your own, custom dunning letters using the Dunning Letters window. Instead of opening and editing one of the ten dunning letter template files that Receivables provides, you can create an unlimited number of dunning letters and enter customized information for each.

View Dunning History

Use this window to view a transaction's complete dunning history. You can view the dunning history for any Receivables transaction, regardless of which dunning method you use.

Additionally, if the transaction you are viewing uses the Staged Dunning method, you can modify its dunning level in this window. You may want to do this, for example, if your customer has remitted payment for a past due item, and you want to ensure that it is not included in your next dunning submission.

Prevent Updates to Customer Addresses

In a sales tax environment, Receivables calculates tax based on the address components of your sales tax structure (for example, State.County.City). Since tax rates can change over time, modifying one of the customer address components could cause the tax for transactions previously assigned to this address to be invalid.

Receivables will *not* let you modify the city, state, county, country, or postal code components of a customer's address if both of the following are true:

- the system option Allow Change to Printed Transactions is set to No
- at least one printed, posted, or applied transaction exists for this bill-to or ship-to site in Receivables and that transaction has at least one associated tax line

U.S. Sales Tax Reporting

You can integrate the Receivables US Sales Tax report with Report eXchange to sort and display your periodic sales tax return information in a custom format. Using Report eXchange, you can integrate the US Sales Tax report with a third-party tax preparation program to generate signature-ready tax returns.

User-Definable Tax Hierarchy

Receivables provides a flexible tax defaulting hierarchy that you can define at the system options level. This hierarchy determines the order in which Receivables will derive a default tax rate when you manually enter transactions or import them using AutoInvoice.

Multiple Reporting Currencies (MRC)

With MRC, you can inquire and report on your accounts receivable transactions in any currency, not just the functional currency of your primary set of books. With Multiple Reporting Currencies, you enter transactions in your main set of books. Receivables automatically converts these transactions to your desired reporting currencies and stores them in separate sets of books, one for each currency. You can then run standard reports or perform on-line inquiries in any of your reporting currencies.

Use this feature in:

- the European Monetary Union as you transition your business from national currency to the common Euro currency
- countries with unstable currencies to report in a stable currency for planning and control purposes
- multinational companies to meet local legislation reporting requirements as well as managerial reporting requirements

Documents on the Desktop

Save an Oracle Applications window and the current record to the Navigator for future access. For example, you are viewing information about Customer ABC in the Customer Account window, but another task requires your immediate attention. You 'save' the Customer Account window and the current record to the Navigator. Later, you can quickly reopen the window from the Navigator and resume your work. This saves time as you do not have to reopen the window and manually requery your information.

The following Receivables windows provide this functionality:

- Account Details
- Customer Calls
- Scheduler
- Transaction Overview

Modules

New Windows

Added to support enhancements made to existing Dunning Letters:

- View Dunning History

Added to support the new Payment Application Rule Sets feature:

- Application Rule Sets

We added seed data to Receivables Release 11 to allow access to the following window. This window does *not* appear in the Receivables Navigator window by default; the Receivables System Administrator needs to manually add it to each user's responsibility.

- Quick Find By Alternate Name

Changed Windows

We changed the name of the Alternate Name Matches window (Release 16.1) to Alternate Name Receipt Matches (Release 11).

Changed to support AutoLockbox enhancements:

Window	Fields Added
Lockboxes	Match Receipts By; Match on Corresponding Date; Post Partial Amount as Unapplied; Reject Entire Receipt
Submit Lockbox Processing	Post Partial Amount as Unapplied; Reject Entire Receipt
Customers Standard; Customers Quick; Customer Profile Classes	Match Receipts By; Remainder Rule Set

Changed to support the new Notes Receivable feature:

Window	Fields Added
Receipt Classes	Notes Receivable check box
Receipts	Notes Receivable alternative region

Changed to support the new Tax Inclusive feature:

Window	Fields Added
Tax Codes and Rates	Inclusive Tax check box; Allow Override check box; 'Sign' poplist
Tax Groups	Inclusive Tax check box (display only); 'Sign' poplist (display only)
Lines	Tax Inclusive poplist; Net Unit Price; Net Amount

Changed to support the new Cross Currency Receipts feature:

Window	Fields Added
Applications	Amount Applied Base; Allocated Receipt Amount; Allocated Receipt Amount Base; Cross Currency Rate; Exchange Gain/Loss; Transaction Currency

Changed to support for new features and to facilitate system setup:

Window	Fields Added
System Options	Rounding Error Account; Tax Vendor View; Inclusive Tax Used; Enforce Tax from Revenue Account; Application Rule Set; Tax Defaults and Rules (new alternative region); Tax Defaulting Hierarchy

Changed to support the new Custom Dunning Letters feature:

Window	Fields Added
Dunning Letters	Number; Message Text

Changed to support user maintainable QuickCodes:

Window	Fields Added
Receivables QuickCodes	User Maintainable flag

Changed to allow you to query customers using a variable set of criteria:

Window	Fields Added
Find Customers	Search By (poplist)

New Reports and Processes

- Cross Currency Exchange Gain/Loss Report

- Dunning History Report
- Notes Receivable Report
- Reversed Notes Receivable Report

Changed Reports and Processes

In each of the following reports, we added a new field for the Cross Currency Receipts feature. If a payment was made using a cross currency receipt, Receivables prints an asterisk (*) directly after the Applied Amount or Payment Amount field. We also made other cosmetic changes to the layout of each of these reports to make them easier to read.

- Applied Receipts Register
- Billing and Receipt History
- Billing History Report
- Collections by Collector Report
- Consolidated Billing Report
- Customer Details Report
- Receipt Details Report

In Release 11 we renamed all of the Receivables Aged Trial Balance reports. The new names are more descriptive of each report's content and purpose.

<u>Release 16.1 and Earlier Name</u>	<u>Release 11 Name</u>
Aged Trial Balance – 4 Buckets	Aging 4 Buckets
Aged Trial Balance – 7 Buckets	Aging 7 Buckets
Aged Trial Balance – 7 Buckets – By Account	Aging – By Account
Aged Trial Balance – 7 Buckets – By Amount	Aging – By Amount
Aged Trial Balance – 7 Buckets – By Collector	Aging – By Collector
Aged Trial Balance – 7 Buckets – By Salesperson	Aging – By Salesperson

Receipt History Report

Renamed to Receipt Analysis – Days Late report. The new name is more descriptive of the report's content and purpose. We also added a new column for the cross currency flag. If payment was made using a cross currency receipt, Receivables prints an asterisk (*) directly after the Payment Amount field. We also made other cosmetic changes to the layout of the report to make it easier to read when cross currency receipts are included.

Inter Company Receipts Report

We added two new columns. In the After the Cash Account column, Receivables prints the Receipt Amount in the currency of the receipt. In the After the Invoice Amount column, Receivables prints the Receipt Amount in the Invoice Currency.

Lockbox Execution Report

We added a column to this report to indicate how many receipts were found with invalid matching numbers. We also added the columns Matching Number and Matching Date to the Application Summary region.

Statements

We added a second reference line where payments are displayed within your statements. This line shows the receipt amount in the receipt currency as well as the receipt currency itself.

US Sales Tax Report

We added the following options to the Detail Level parameter for this report:

- **RX Line Level:** This option lets you use the Report eXchange (RX) client to include transaction line level information in this report. If you choose this option, this report generates one line per transaction line and populates each line attribute for the RX client.
- **RX Header Level:** This option lets you use the Report eXchange (RX) client to include transaction header level amounts in this report. If you choose this option, this report generates one line per transaction with only the Total Lines Amount and Total Tax Amount fields showing transaction level totals.

Obsolete Reports and Processes

Because of improvements made to previous releases of Receivables and enhancements to the receipt reconciliation process, the following reports are obsolete in Oracle Receivables Release 11:

- Beginning Balance
- Credit Memo Applications
- Drop Audit Table
- Ending Balance
- Out of Balance Report
- Payment Applications
- Realized Gains and Losses
- Rollforward Detail/summary Reports
- Rollforward Transactions
- Sales and Payments

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11 of Oracle Receivables. This section does not discuss changes to PL/SQL stored procedures. Full information about new database objects, see the *Oracle Receivables Technical Reference Manual*.

New Tables

Created to support the Custom Dunning Letters feature:

AR_DUNNING_LETTERS_CUSTOM

Created to improve the performance of the Revenue Recognition program:

AR_PERIODS

AR_PERIOD_TYPES

Created to support the Report eXchange feature for the US Sales Tax Report:

AR_SALES_TAX_REP_ITF

Created to support the Application Rule Sets feature:

AR_APP_RULES
AR_APP_RULE_DETAILS
AR_APP_RULE_SETS

Created to support the Multiple Reporting Currencies feature:

AR_MC_ADJUSTMENTS
AR_MC_CASH_RECEIPTS
AR_MC_CASH_RECEIPT_HIST
AR_MC_DISTRIBUTIONS_ALL
AR_MC_MISC_CASH_DIST
AR_MC_PAYMENT_SCHEDULES
AR_MC_RATE_ADJUSTMENTS
AR_MC_RECEIVABLE_APPS
RA_MC_CUSTOMER_TRX
RA_MC_TRX_LINE_GL_DIST

Changed Tables

Renamed to support the Multiple Organization (multi-org) feature:

AR_CUSTOMER_CALL_TOPICS_ALL
AR_CUSTOMER_CALLS_ALL
AR_TRANSMISSIONS_ALL
AR_STATEMENTS_HISTORY_ALL

Changed in Release 11 to include new columns:

Modified Table	New Column(s)
AR_ADJUSTMENTS_ALL	MRC_GL_POSTED_DATE MRC_POSTING_CONTROL_ID MRC_ACCTD_AMOUNT
AR_CASH_RECEIPTS_ALL	ISSUER_NAME ISSUE_DATE ISSUER_BANK_BRANCH_ID MRC_EXCHANGE_RATE_TYPE MRC_EXCHANGE_RATE MRC_EXCHANGE_DATE

Modified Table	New Column(s)
AR_CASH_RECEIPT_HISTORY_ALL	NOTE_STATUS MRC_CASH_RECEIPT_ID MRC_FIRST_POSTED_RECORD_FLAG MRC_POSTING_CONTROL_ID MRC_GL_POSTED_DATE MRC_REVERSAL_GL_POSTED_DATE MRC_ACCTD_AMOUNT MRC_ACCTD_FACTOR_DISC_AMOUNT MRC_EXCHANGE_DATE MRC_EXCHANGE_RATE MRC_EXCHANGE_RATE_TYPE MRC_CREATED_FROM
AR_CUSTOMER_CALLS	We partitioned this table and renamed it AR_CUSTOMER_CALLS_ALL.
AR_CUSTOMER_CALL_TOPICS	We partitioned this table and renamed it AR_CUSTOMER_CALL_TOPICS_ALL.
AR_CUSTOMER_PROFILES	AUTOCASH_HIERARCHY_ID_FOR_ADR LOCKBOX_MATCHING_OPTION
AR_CUSTOMER_PROFILE_CLASSES	AUTOCASH_HIERARCHY_ID_FOR_ADR LOCKBOX_MATCHING_OPTION
AR_LOCKBOXES_ALL	LOCKBOX_MATCHING_OPTION ALLOW_INVALID_TXN_NUM USE_MATCHING_DATE
AR_LOOKUP_TYPES	ARLPLB_MATCHING_OPTION ARLPLB_USE_MATCHING_DATE
AR_MEMO_LINES_ALL	GLOBAL_ATTRIBUTE_CATEGORY GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_MISC_CASH_DISTRIBUTIONS_ALL	MRC_CASH_RECEIPT_ID MRC_AMOUNT MRC_PERCENT MRC_GL_POSTED_DATE MRC_POSTING_CONTROL_ID MRC_ACCTD_AMOUNT

Modified Table	New Column(s)
AR_PAYMENTS_INTERFACE_ALL	RESOLVED_MATCHING_NUMBER1 – RESOLVED_MATCHING_NUMBER8 RESOLVED_MATCHING1_INSTALLMENT – RESOLVED_MATCHING8_INSTALLMENT RESOLVED_MATCHING1_DATE – RESOLVED_MATCHING8_DATE MATCHING1_DATE – MATCHING8_DATE MATCH_RESOLVED_USING
AR_PAYMENT_SCHEDULES_ALL	EXCLUDE_FROM_DUNNING_FLAG MRC_CUSTOMER_TRX_ID MRC_EXCHANGE_RATE_TYPE MRC_EXCHANGE_DATE MRC_EXCHANGE_RATE MRC_ACCTD_AMOUNT_DUE_REMAINING
AR_RATE_ADJUSTMENTS_ALL	MRC_OLD_EXCHANGE_RATE MRC_NEW_EXCHANGE_RATE MRC_OLD_EXCHANGE_RATE_TYPE MRC_NEW_EXCHANGE_RATE_TYPE MRC_OLD_EXCHANGE_DATE MRC_NEW_EXCHANGE_DATE MRC_GAIN_LOSS
AR_RECEIPT_CLASSES	NOTES_RECEIVABLE

Modified Table	New Column(s)
AR_RECEIVABLE_APPLICATIONS_ALL	AMOUNT_APPLIED_FROM TRANS_TO_RECEIPT_RATE RULE_SET_ID LINE_EDISCOUNTED TAX_EDISCOUNTED FREIGHT_EDISCOUNTED CHARGES_EDISCOUNTED LINE_UEDISCOUNTED TAX_UEDISCOUNTED FREIGHT_UEDISCOUNTED CHARGES_UEDISCOUNTED MRC_AMOUNT_APPLIED MRC_AMOUNT_APPLIED_FROM MRC_DISPLAY MRC_STATUS MRC_PAYMENT_SCHEDULE_ID MRC_CASH_RECEIPT_ID MRC_GL_POSTED_DATE MRC_POSTING_CONTROL_ID MRC_ACCTD_AMOUNT_APPLIED_FROM MRC_ACCTD_AMOUNT_APPLIED_TO MRC_ACCTD_EARNED_DISC_TAKEN MRC_ACCTD_UNEARNED_DISC_TAKEN
AR_STATEMENT_LINE_CLUSTERS	RECEIPT_CURRENCY_CODE AMOUNT_APPLIED_FROM
AR_SYSTEM_PARAMETERS_ALL	RULE_SET_ID TAX_USE_ACCOUNT_EXC_RATE_FLAG TAX_USE_SYSTEM_EXC_RATE_FLAG TAX_HIER_SITE_EXC_RATE TAX_HIER_CUST_EXC_RATE TAX_HIER_PROD_EXC_RATE TAX_HIER_ACCOUNT_EXC_RATE TAX_HIER_SYSTEM_EXC_RATE TAX_ENFORCE_ACCOUNT_FLAG TAX_DATABASE_VIEW_SET INCLUSIVE_TAX_USED CODE_COMBINATION_ID_ROUND
AR_TRANSMISSIONS	We partitioned this table and renamed it AR_TRANSMISSIONS_ALL.

Modified Table	New Column(s)
AR_VAT_TAX_ALL	AMOUNT_INCLUDES_TAX_FLAG AMOUNT_INCLUDES_TAX_OVERRIDE TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK
RA_ADDRESSES_ALL	ECE_TP_LOCATION_CODE
RA_CUSTOMERS_INTERFACE_ALL	CUSTOMER_PROSPECT_CODE CUSTOMER_NAME_PHONETIC ADDRESS_LINES_PHONETIC
RA_CUSTOMER_TRX_ALL	GLOBAL_ATTRIBUTE21 – GLOBAL_ATTRIBUTE30 MRC_EXCHANGE_RATE_TYPE MRC_EXCHANGE_DATE MRC_EXCHANGE_RATE
RA_CUSTOMER_TRX_LINES_ALL	GROSS_UNIT_SELLING_PRICE GROSS_EXTENDED_AMOUNT AMOUNT_INCLUDES_TAX_FLAG
RA_CUST_TRX_LINE_GL_DIST_ALL	MRC_ACCOUNT_CLASS MRC_CUSTOMER_TRX_ID MRC_AMOUNT MRC_GL_POSTED_DATE MRC_POSTING_CONTROL_ID MRC_ACCTD_AMOUNT
RA_CUST_TRX_TYPES_ALL	RULE_SET_ID
RA_INTERFACE_LINES_ALL	AMOUNT_INCLUDES_TAX_FLAG HEADER_GDF_ATTR_CATEGORY HEADER_GDF_ATTRIBUTE1 – HEADER_GDF_ATTRIBUTE30 LINE_GDF_ATTR_CATEGORY LINE_GDF_ATTRIBUTE1 – LINE_GDF_ATTRIBUTE20 RESET_TRX_DATE_FLAG
RA_SITE_USES_ALL	PRIMARY_SALESREP_ID

The following section lists tables with columns that are obsolete in Release 11. Obsolete columns have no correlation to New columns.

Modified Table	Obsolete Column(s)
RA_ADDRESSES_ALL	CUSTOMER_PROSPECT_CODE
AR_RECEIVABLE_APPLICATIONS_ALL	REVERSAL_GL_DATE_CONTEXT

The RA_ADDRESSES_ALL column was removed because it duplicates functionality in the table RA_CUSTOMERS. The REVERSAL_GL_DATE_CONTEXT column was removed because it is no longer used in Release 11.

The following section lists tables with columns that have been resized.

Table Name	Column Name	New Size
RA_CUSTOMER_BANKS_INT_ALL	BANK_ACCOUNT_NAME	VARCHAR2(80)
AR_PAYMENTS_INTERFACE_ALL	INVOICE1	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE2	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE3	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE4	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE5	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE6	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE7	VARCHAR2(50)
AR_PAYMENTS_INTERFACE_ALL	INVOICE8	VARCHAR2(50)
AR_STATEMENT_LINE_CLUSTERS	BILL_TO_CITY	VARCHAR2(60)

New Views

Created to support the new Dunning History window:

AR_DUNNING_HISTORY_V

Created to support Multiple Organization enhancements:

AR_STATEMENTS_HISTORY

Created to support two additional tax vendors (AVP and Vertex):

TAX_ADJUSTMENTS_V_A

TAX_ADJUSTMENTS_V_V

TAX_LINES_CREATE_V_A
TAX_LINES_CREATE_V_V
TAX_LINES_DELETE_V_A
TAX_LINES_DELETE_V_V
TAX_LINES_INVOICE_IMPORT_V_A
TAX_LINES_INVOICE_IMPORT_V_V
TAX_LINES_RECURRENCE_INVOICE_V_A
TAX_LINES_RECURRENCE_INVOICE_V_V

Created to support the Multiple Reporting Currencies feature:

AR_DISTRIBUTIONS_ALL_MRC_V
AR_DISTRIBUTIONS_MRC_V
AR_ADJUSTMENTS_ALL_MRC_V
AR_ADJUSTMENTS_MRC_V
AR_CASH_RECEIPTS_ALL_MRC_V
AR_CASH_RECEIPTS_MRC_V
AR_CASH_RECEIPT_HIST_ALL_MRC_V
AR_CASH_RECEIPT_HIST_MRC_V
AR_MISC_CASH_DIST_ALL_MRC_V
AR_MISC_CASH_DIST_MRC_V
AR_PAYMENT_SCHEDULES_ALL_MRC_V
AR_PAYMENT_SCHEDULES_MRC_V
AR_RATE_ADJUSTMENTS_ALL_MRC_V
AR_RATE_ADJUSTMENTS_MRC_V
AR_RECEIVABLE_APPS_ALL_MRC_V
AR_RECEIVABLE_APPS_MRC_V
AR_SYSTEM_PARAMETERS_ALL_MRC_V
AR_SYSTEM_PARAMETERS_MRC_V
RA_CUSTOMER_TRX_ALL_MRC_V
RA_CUSTOMER_TRX_MRC_V
RA_TRX_LINE_GL_DIST_ALL_MRC_V
RA_TRX_LINE_GL_DIST_MRC_V

Changed Views

Partitioned to support the Multiple Organization feature:

AR_CUSTOMER_CALLS
AR_CUSTOMER_CALL_TOPICS

Partitioned to support Multiple Organization enhancements made to AutoLockbox:

AR_TRANSMISSIONS

The following table lists views modified in to include new columns.

Modified View	New Column(s)
AR_ADDRESSES_V	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_APP_ADJ_V	LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN CREATED_BY CREATION_DATE
AR_CALL_ACTIONS_V	CREATION_DATE Renamed Columns: CA_ROWID to ROW_ID ACA_LAST_UPDATED_BY to LAST_UPDATED_BY ACA_LAST_UPDATE_DATE to LAST_UPDATE_DATE ACA_LAST_UPDATE_LOGIN to LAST_UPDATE_LOGIN ACC_CREATED_BY to CREATED_BY
AR_CASH_RECEIPT_HISTORY	NOTE_STATUS
AR_CORRESPONDENCES_V	LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN CREATED_BY CREATION_DATE
AR_CUSTOMER_CALLS_V	Renamed Columns: ACC_ROWID to ROW_ID ACC_LAST_UPDATED_BY to LAST_UPDATED_BY ACC_LAST_UPDATE_DATE to LAST_UPDATE_DATE ACC_LAST_UPDATE_LOGIN to LAST_UPDATE_LOGIN ACC_CREATED_BY to CREATED_BY ACC_CREATION_DATE to CREATION_DATE

Modified View	New Column(s)
AR_CUSTOMER_CALL_TOPICS_V	Renamed Columns: CCT_ROWID to ROW_ID CCT_LAST_UPDATED_BY to LAST_UPDATED_BY CCT_LAST_UPDATE_DATE to LAST_UPDATE_DATE CCT_LAST_UPDATE_LOGIN to LAST_UPDATE_LOGIN CCT_CREATED_BY to CREATED_BY CCT_CREATION_DATE to CREATION_DATE
AR_CUSTOMER_PROFILES_V	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_CUSTOMER_PROFILE_CLASSES_V	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_CUST_CALLS_V	LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN CREATED_BY CREATION_DATE ROW_ID
AR_DISPUTE_HISTORY_V	ROW_ID CREATED_BY
AR_INTERIM_CR_LINES_V	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_MEMO_LINES	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_MERGE_ADDRESSES_V	LOCATION_ID
AR_PAYMENTS_INTERFACE_V	CUSTOMER_NAME CUSTOMER_NAME_PHONETIC CUSTOMER_BANK_NAME CUSTOMER_BANK_BRANCH_NAME REMITTANCE_BANK_NAME REMITTANCE_BANK_BRANCH_NAME MATCHING1_DATE – MATCHING8_DATE
AR_PAYMENT_SCHEDULES	LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN CREATED_BY CREATION_DATE

Modified View	New Column(s)
AR_RECEIVABLE_APPLICATIONS	CHARGES_EDISCOUNTED CHARGES_UEDISCOUNTED FREIGHT_EDISCOUNTED FREIGHT_UEDISCOUNTED LINE_EDISCOUNTED LINE_UEDISCOUNTED RULE_SET_ID TAX_EDISCOUNTED TAX_UEDISCOUNTED AMOUNT_APPLIED_FROM
AR_RECEIVABLE_APPLICATIONS_V	ACCTD_AMOUNT_APPLIED_FROM ACCTD_AMOUNT_APPLIED_TO AMOUNT_APPLIED_FROM DISCOUNT_TAKEN_EARNED DISCOUNT_TAKEN_UNEARNED GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20 PURCHASE_ORDER
AR_REMIT_TO_ADDRESSES_V	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20
AR_SHIP_ADDRESS_V	PRIMARY_SALESREP_ID
AR_SHIP_TO_ADDRESSES_ACTIVE_V	ECE_TP_LOCATION_CODE
AR_SITE_USES_V	PRIMARY_SALESREP_ID PRIMARY_SALESREP_NAME ROW_ID
AR_STATEMENTS_V	LINE_CLUSTER_ID LAST_UPDATED_BY LAST_UPDATE_DATE LAST_UPDATE_LOGIN CREATED_BY CREATION_DATE

Modified View	New Column(s)
AR_SYSTEM_PARAMETERS	TAX_USE_ACCOUNT_EXC_RATE_FLAG TAX_USE_SYSTEM_EXC_RATE_FLAG TAX_HIER_SITE_EXC_RATE TAX_HIER_CUST_EXC_RATE TAX_HIER_PROD_EXC_RATE TAX_HIER_ACCOUNT_EXC_RATE TAX_HIER_SYSTEM_EXC_RATE TAX_ENFORCE_ACCOUNT_FLAG TAX_DATABASE_VIEW_SET
AR_STATEMENTS_V	ROW_ID
AR_TAX_LINES_V	CTL_INV_TAX_INCLUSIVE_FLAG GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE20 GLOBAL_ATTRIBUTE_CATEGORY TAX_INCLUSIVE_FLAG
AR_TAX_SUMM_V	TAX_INCLUSIVE_FLAG
AR_VAT_TAX	AMOUNT_INCLUDES_TAX_FLAG AMOUNT_INCLUDES_TAX_OVERRIDE TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK
RA_ADDRESSES	ECE_TP_LOCATION_CODE
RA_CUSTOMER_TRX	GLOBAL_ATTRIBUTE1 – GLOBAL_ATTRIBUTE30
RA_CUSTOMER_TRX_CM_V	Modified column VARCHAR2(2000) to VARCHAR2(4000)
RA_CUSTOMER_TRX_LINES	GROSS_UNIT_SELLING_PRICE GROSS_EXTENDED_AMOUNT AMOUNT_INCLUDES_TAX_FLAG
RA_CUSTOMER_TRX_LINES_V	AMOUNT_INCLUDES_TAX_FLAG AMOUNT_INCLUDES_TAX_OVERRIDE CTL_PREV_NET_EXTENDED_AMOUNT CTL_PREV_NET_UNIT_SELL_PRICE GLOBAL_ATTRIBUTE1 – GLOBAL_ ATTRIBUTE20 GLOBAL_ATTRIBUTE_CATEGORY NET_EXTENDED_AMOUNT NET_UNIT_SELLING_PRICE
RA_CUSTOMER_TRX_PARTIAL_V	BS_BATCH_SOURCE_TYPE GLOBAL_ATTRIBUTE21 – GLOBAL_AT- TRIBUTE30

Modified View	New Column(s)
RA_CUSTOMER_TRX_V	Modified column VARCHAR2(2000) to VARCHAR2(4000)
RA_INTERFACE_LINES	AMOUNT_INCLUDES_TAX
TAX_ADJUSTMENTS_V	AMOUNT_INCLUDES_TAX_FLAG ATTRIBUTE 6 – 10 NUMERIC_ATTRIBUTE6 – 10 PAYMENT_TERMS_DISCOUNT_PERCENT PAYMENT_TERM_ID SHIP_FROM_WAREHOUSE_ID TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK TRX_TYPE_ID
TAX_LINES_CREATE_V	AMOUNT_INCLUDES_TAX_FLAG ATTRIBUTE 6 – 10 NUMERIC_ATTRIBUTE6 – 10 PAYMENT_TERMS_DISCOUNT_PERCENT PAYMENT_TERM_ID SHIP_FROM_WAREHOUSE_ID TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK TRX_TYPE_ID
TAX_LINES_DELETE_V	AMOUNT_INCLUDES_TAX_FLAG ATTRIBUTE 6 – 10 NUMERIC_ATTRIBUTE6 – 10 PAYMENT_TERMS_DISCOUNT_PERCENT PAYMENT_TERM_ID SHIP_FROM_WAREHOUSE_ID TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK TRX_TYPE_ID

Modified View	New Column(s)
TAX_LINES_INVOICE_IMPORT_V	AMOUNT_INCLUDES_TAX_FLAG ATTRIBUTE 6 – 10 NUMERIC_ATTRIBUTE6 – 10 PAYMENT_TERMS_DISCOUNT_PERCENT PAYMENT_TERM_ID SHIP_FROM_WAREHOUSE_ID TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK TRX_TYPE_ID
TAX_LINES_RECURRENCE_INVOICE_V	AMOUNT_INCLUDES_TAX_FLAG ATTRIBUTE 6 – 10 NUMERIC_ATTRIBUTE6 – 10 PAYMENT_TERMS_DISCOUNT_PERCENT PAYMENT_TERM_ID SHIP_FROM_WAREHOUSE_ID TAXABLE_BASIS TAX_CALCULATION_PLSQL_BLOCK TRX_TYPE_ID

New Indexes

The index RA_CONTACTS_N7 on table RA_CONTACTS references the following column:

- MAILING_ADDRESS_ID

The index RA_CUSTOMERS_N4 on table RA_CUSTOMERS references the following column:

- JGZZ_FISCAL_CODE

The index AR_RATE_ADJUSTMENTS_U1 on table AR_RATE_ADJUSTMENTS_ALL references the following column:

- RATE_ADJUSTMENT_ID

The index RA_CUSTOMER_TRX_N18 on table RA_CUSTOMER_TRX_ALL references the following column:

- SHIP_TO_CUSTOMER_ID

The index RA_CUSTOMER_TRX_LINES_N9 on table RA_CUSTOMER_TRX_LINES_ALL references the following column:

- SALES_ORDER

Obsolete Index

The following index on table RA_CUST_TRX_TYPES_ALL is obsolete in Release 11:

- RA_CUST_TRX_TYPES_U1

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Functions

By default, Receivables does not let you update the bill-to site information for invoices that have been posted or have activity against them. However, by adding this function to the Transactions Workbench menus, your System Administrator can override this restriction:

- AR_CHANGE_BILL_TO_LOC

A new function has been added for Release 11 to enable the new Quick Find By Alternate Name window. This window does not appear in the Receivables Navigator window unless the System Administrator has added it to a user's responsibility. The following function enables the Quick Find By Alternate Name window:

- AR_ARXCUFBA



Attention: You should only implement this function if you do not calculate tax based on your customer's Bill-To address.

Obsolete Function

In Receivables, certain types of automatic receipts require confirmation (approval by the customer) before they can be remitted to the bank. In previous releases, you could "unconfirm" a receipt if, for example, some receipt information was incorrect. In Release 11 of Receivables, you cannot "unconfirm" a receipt; if a confirmed receipt has an error, it must be reversed and then recreated in Receivables. Because this functionality has been removed, the following function is obsolete in this release:

- AR_ARXRWMAI_AUTO_UNCONFIRM

New Seed Data

We added data to the following table for optional grouping columns for the Global Descriptive Flexfield (arsdgb.sql):

- RA_GROUP_BY_COLUMNS

We added data to the following table for optional grouping columns for the Global Descriptive Flexfield (arsdlbc.sql):

- RA_LINE_ORDER_BY_COLUMNS

We added the following concurrent program executable to support the new Report eXchange functionality of the US Sales Tax Report:

- RXARSTR

The file name for this executable is ARRX_C_ST.AR_SALES_TAX.

New Responsibilities

Release 11 provides two new, predefined responsibilities:

- **Receivables Inquiry** – This responsibility allows users view-only access to certain Receivables windows and processes. For example, users within this responsibility can view transactions in the Transactions window, but they cannot create new records or modify any existing information.
- **MRC Receivables Manager – With Multiple Reporting Currencies (MRC)**, you enter transactions in your main set of books. Receivables automatically converts each transaction to your reporting currencies and stores them in separate sets of books. The MRC Receivables Manager responsibility lets you run standard reports or perform on-line inquiries on your receivables transactions in any of your reporting currencies.

New Menu Options

We added the following item to the Oracle Receivables Navigator:

- **GL Tax Assignments**

This option displays the Oracle General Ledger Tax Options window, which lets you assign a tax code to the natural account segment of your Revenue account.

New Workflow

To replace FlexBuilder rules, the following workflows have been added to support account generation:

Replace Balancing Segment

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

Added to support the Cross Currency Receipts feature:

AR: Enable Cross Currency

Added to support the Account Generator feature:

Account Generator: Purge Runtime Data

Added to improve system performance when running AutoLockbox:

AR: Commit Between Validation

Obsolete Profile Options

The following profile options have been replaced by function security:

AR: Allow Transaction Batching

AR: Automatic Receipt Creation Authority

AR: Automatic Remittance Creation Authority

Functionality for these profile options is now provided by the new Multiple Reporting Currencies feature:

Dual Currency

Dual Currency Default Rate Type

Production Release 10SC Features and Changes

This section lists new features added to Oracle Receivables between Release 10.7 and 10SC Production Release 16.1 and describes the

changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features are divided by release levels from Production 1 – 15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16

This section lists the enhancements made between 10SC Production 16 and 10SC Production 16.1.

Alternate Field Entry and Sorting by Alternate Names

You can enable a profile option that lets you enter alternate names for customers. You can also have Receivables sort information in certain reports based on the customer's alternate name.

Bank Charges

You can specify charges associated with transferring money between your customer's bank and your own. This feature lets Receivables take into account additional bank charges when you enter receipts or use AutoCash Rules and Post QuickCash to automatically apply customer receipts.

Consolidated Billing Invoices

Issue Consolidated Bills to customers who prefer to receive a single document summarizing all of their receivables activity for the period. These invoices are based on a period defined by the customer's payment terms and contain all transactions created for a customer during the period since the last billing. This lets you send one consolidated bill instead of individual invoices for each transaction. Consolidated Billing Invoices differ from statements in that receipts for the period are summarized, rather than listed separately by application.

Canadian Tax

In addition to choosing a system based on Sales or a value added tax (VAT), you can set up Receivables to meet Canadian tax requirements.

Import Zengin Format Bank Files

You can transfer bank files in the Zengin format using AutoLockbox. The Zengin file format is the standard format for bank transfers in Japan. To import Zengin format bank files into Receivables, the profile option AR: Alternate Name Search must be set to Yes and the profile option AR: Zengin Character Set must be defined.

Tax Code at Transaction Line

Receivables displays the tax code for a single tax or group of taxes at the transaction line level. It defaults the tax code based on your system options, customer, and item information. This feature lets you view tax codes without navigating to a separate window and provides greater control when specifying tax rules for each transaction line.

Tax Groups

With Tax Groups, you can group multiple, conditional taxes under one name. Tax Groups enable countries with multiple taxes to calculate each applicable tax automatically within Oracle Receivables and Oracle Order Entry.

10SC Production Release 1–15

This section lists the enhancements made to Receivables since it was included as a Release 10SC Production product in Production 15.

Graphical User Interface

The graphical user interface is based on Oracle Forms 4.5, which includes several powerful new features such as folder forms, buttons, check boxes, and alternative regions. You can choose to perform tasks through use of the keyboard, or point and click with a mouse.

All the Receivables forms have been rewritten and the user interface enhanced to take advantage of the new technology afforded by the GUI tools.

Workbench Model

Receivables is now organized so that you can access many of the forms through integrated workbenches. Workbenches combine the windows needed to complete related tasks, which improves task flow and increases visibility of functions.

The following workbenches are available in Release 10SC:

- Collections
- Customers
- Receipts
- Transactions (Billing)

Folder Forms

The graphical interface lets you customize screen layouts in special blocks called Folders. In each folder, you can choose display fields; change field prompts, widths, and positions; and implement custom sorting and user-defined queries. You can save multiple layouts of the same folder and choose which to display as your default. You can also work in a single or multiple-record format. For example, in the Receipts window you can enter or update receipts in a multi-row folder window or switch to a single row representation.

The gateway to each workbench is a folder window. The following folder windows are available in Release 10SC:

- Account Details
- Approve Adjustments
- Customer Account
- Customer Summary
- QuickCash
- Receipt Applications
- Receipt Batches Summary
- Receipts Summary
- Scheduler
- Transaction Batches Summary
- Transaction Lines
- Transactions Summary

Function Security

You can now control user access to key fields and functions using Function Security. For example, you can hide one or more buttons or alternative regions in a window, or prevent update of selected fields. You can also control the functions that users can perform in selected

forms, such as insert, update, and delete. Refer to the *Oracle Receivables User's Guide* for a list of functions that your System Administrator can include or exclude from a responsibility.

Integration with Oracle Cash Management

Use Oracle Cash Management to manually or automatically clear receipts and miscellaneous transactions created in Receivables. You can also use Cash Management to reconcile receipts entered in Receivables against your bank statements. When you reconcile receipts using Cash Management, it automatically creates accounting entries to the Cash, Remittance, Short-Term Debt, and Interest accounts using the information that you defined in the Banks and Receipt Classes windows.

New and Improved Windows

Merged Transaction Entry

Through the Transactions Workbench, you can enter or modify Invoices, Debit Memos, On-Account Credits, and Commitments in a single window. Additionally, you can view and update Chargebacks and Credit Memos.

Merged into the Transactions window:

- Enter Commitments
- Enter Invoices
- Enter On-Account Credits
- Enter Sales Credit Adjustments
- Maintain Invoices
- Quick Transaction Entry

The following forms are also available in the Transactions Workbench:

- Create Recurring Invoices
- Enter Adjustments
- Enter Credit Memos

Merged Receipt Entry

Using the Receipts workbench, you can enter and update Quick, Miscellaneous, and Cash receipts. You can also create and process Automatic receipts.

Merged with the Enter Receipts window:

- Confirm Receipts
- Enter Exchange Rate Adjustments
- Enter Miscellaneous Transactions
- Reverse Receipts

Merged with both the Receipt Batches and Receipt Batches Summary windows:

- Post QuickCash

Merged with the Receipt Classes window:

- Define Payment Methods

Replaced by the Manual Reconciliation form in Oracle Cash Management:

- Reconcile Receipts

Simple but Flexible Credits

The process of crediting a customer has been simplified. You can create a credit using a variety of methods simply by choosing a button. You can now credit multiple lines or unapply cash and then credit in full. Also, you can enter on-account credits in the same window in which you enter all other transactions.

Cash and Credit Memo Application

You can use the Applications window to view, apply, or unapply both receipts and on-account credits. The Mass Application window provides faster cash application and allows you to preview selected applications before you apply them.

Merged with the Applications window:

- Reapply Credits
- Reapply Receipts

Improved Transaction Inquiry

The following transaction inquiries have been improved:

- Choose the Balances button to review balances for an individual transaction
- Query transactions by using references related to the original document, such as order number or purchase order number.

- View accounting entries for the entire transaction or for specific lines in a single window.
- Review receipt application and transaction history on-line without requerying in multiple windows.

Streamlined Receipt Inquiry

The receipt and receipt batch inquiry forms have been merged into the Receipts Summary and Receipts Batches Summary windows. Through improved online inquiry, you can view all the receipts in a batch in one window. You can then view application history and drill down to the details of each application.

Merged with the Receipts Batches Summary window:

- View Batch Control Amounts
- View Batch Detail
- View Batch Unapplied Amounts

Merged with the Receipts Summary window:

- View Receipt Bank Details
- View Receipts by Customer

Simplified Automatic Receipt Processing

You can now approve and format multiple batches of Automatic Receipts at the same time in the Batches Summary window. The Receipt Batches form dynamically enables or disables buttons depending upon the status of the Automatic Receipts batch.

Merged with the Receipt Batches window:

- Approve Automatic Receipts
- Create Automatic Receipts
- Format Automatic Receipts

Merged with the Enter Receipts window:

- Confirm Automatic Receipts

Merged with the Remittances window:

- Create Automatic Remittances
- Format Remittances
- Remit Receipts

Integrated Banks

You can now enter remittance, disbursement, and customer banks in a single window. You can also use this window to set up clearing houses.

You can enter bank codes for use with Cash Management and payment documents for your disbursement banks. The window can be accessed from both Receivables and Payables and you can use function security to limit access to product-specific buttons and regions.

Note: If you do not have Payables and/or Cash Management installed, the regions available for these products are automatically hidden.

The following forms were merged:

- Define Banks (Oracle Payables)
- Define Customer Banks
- Define Remittance Banks

Collections Workbench

Use the Collections workbench to access the Scheduler, Customer Account, Account Detail, Account Overview, Transaction Overview, Calls, Aging, Correspondence, Dispute History and Balances windows.

Merged to create the Account Overview window:

- View Customer Account Details: Balances
- View Customer Account Summary: Account Summary
- View Customer Account Summary: Credit Statistics

The following zone was merged into the Account Details folder:

- View Customer Account Details: Transactions

The following zones were merged into the Customer Account folder:

- View Customer Account Summary: Customer Accounts
- View Customer Account Summary: Customer Profile

Online Collector Scheduler

The new Scheduler window is a convenient place for collectors to identify follow-up priorities based on previously entered call actions. Once the customer or transaction is identified, you can drill down to the customer account, call, and transaction details.

Customer Account Drilldown

The Customer Account window provides much more information to help you determine the status of your customer account. For example, average days late, credit available, past due transactions, account balance and receipts at risk amount. DSO is now computed for individual customer accounts as well as at the system level. You can choose to display balances in your functional and/or the entered currency, display one record per customer, or display information for each customer site.

Improved Call Tracking

The layout of the Record A Call form has been improved considerably to expedite entry of call information. Additionally, you can now assign multiple invoices to each call. Information can be recorded at the call level or the invoice level.

Correspondence and Dispute History

In the new Correspondence window you can review all past calls, dunning letters, and statements sent to a customer. You can also review a history of current and previous disputed transactions from the Account Detail window.

The following form was merged into the Correspondence window:

- View Call History

Customer Order Holds

You can now place and release order holds in Receivables. Order holds still allow invoicing if the items have already been shipped, but prevent new orders from being placed.

Streamlined Customers

Use the Customers workbench to enter standard and quick customers, create and review customer relationships, and assign and maintain customer profiles.

The View Customers form was merged with the Customer Summary window. The following forms were merged with the Enter Customers window:

- Define Customer Relationships
- Maintain Customer Profiles
- Quick Customer Entry

Note: You can still enter customers in quick mode. Choose Quick directly from the menu to access the minimum regions necessary to expedite customer entry.

Multiple Item Exceptions and Exemptions

The Tax Exemption and Exception forms have been enhanced to allow you to create multiple Item Exemptions and Exceptions. You can now create Exceptions and Exemptions for an Item Type, Category, or range of items.

Modules

10SC Production Release 16

Bank Charges, Dispute History, and Print Consolidated Bill Invoices were added in Production 16 of Oracle Receivables.

New Reports

- Alternate Name Matching Report
- Bank Charges Report
- Canadian Tax Reconciliation Report

10SC Production Release 1–15

New Windows

- Balances
- Correspondence
- Customer Account
- Customer Summary
- Receipt Batches Summary
- Receipts Summary
- Scheduler
- Transaction Batches Summary

- Transactions Summary

New Forms

- Account Details
- Approve Adjustments
- Customer Merge
- Customer Profile Classes
- Enter Credit Memos
- Enter Miscellaneous Transactions
- Lockbox Transmission Data
- Maintain Invoices
- QuickCash
- Receipt Applications
- Sales Credit Adjustments
- Submit Lockbox Processing
- Transaction Lines

Changed Forms

Old Form Name	New Form Name
Create Recurring Invoices	Copy Transactions
View Invoice Image	Transactions Overview
View Transaction History	Account Detail

Obsolete Form

The Reconcile Receipts form is no longer included in Receivables because an equivalent form exists in Oracle Cash Management. Oracle Cash Management is a new module that improves bank reconciliation by automating the processing of bank statements and by providing appropriate management and exception reporting.

Changed Reports and Processes

We added several new columns to the following report to reflect the new Tax Groups functionality in this release:

- Tax Code Listing Report

Database Objects

10SC Production Release 16

The following database objects were added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Tables

Stores the header level information for a consolidated billing invoice:

- AR_CONS_INV_ALL

Stores the transaction information for a consolidated billing invoice:

- AR_CONS_INV_TRX_ALL

Stores the invoice line information for an invoice included on a consolidated billing invoice:

- AR_CONS_INV_TRX_LINES_ALL

Changed Tables

Modified Table	New Column(s)
AR_ADJUSTMENTS_ALL	CONS_INV_ID
AR_CUSTOMER_PROFILE_CLASSES	CONS_INV_FLAG CONS_INV_TYPE
AR_CUSTOMER_PROFILES	CONS_INV_FLAG CONS_INV_TYPE
AR_PAYMENTS_INTERFACE_ALL	CUSTOMER_NAME_ALT CUSTOMER_BANK_NAME CUSTOMER_BANK_BRANCH_NAME REMITTANCE_BANK_NAME REMITTANCE_BANK_BRANCH_NAME BANK_TRX_CODE
AR_PAYMENT_SCHEDULES_ALL	CONS_INV_ID CONS_INV_ID_REV

Modified Table	New Column(s)
AR_RECEIVABLE_APPLICATIONS_ALL	CONS_INV_ID CONS_INV_ID_TO
AR_RECEIVABLES_TRX_ALL	GLOBAL_ATTRIBUTE1-20 GLOBAL_ATTRIBUTE_CATEGORY
RA_ADDRESSES_ALL	We increased the size of ADDRESS_LINES_PHONETIC to VARCHAR2(560)
RA_CONTACTS	DEPARTMENT DEPARTMENT_CODE
RA_CUSTOMERS	We increased the size of CUSTOMER_NAME_PHONETIC to VARCHAR2(320)
RA_SALESREPS_ALL	PERSON_ID

New Views

Added to support the Consolidated Billing Invoices feature:

- AR_CONS_INV
- AR_CONS_INV_TRX
- AR_CONS_INV_TRX_LINES
- AR_PAYMENT_SCHEDULES

The view AR_CUSTOMER_ALT_NAMES_V was added to support the use of alternate customer names in this release.

Other new views in this release of Receivables include:

- AR_PAYMENTS_INTERFACE
- AR_POSTED_TRANSACTIONS_V
- AR_RECEIVABLES_TRX
- RA_SALESREPS

Modified Views

- AR_ADDRESSES_V: This view was changed to join to AR_LOOKUPS based on the ADDRESS_CATEGORY instead of the CUSTOMER_CATEGORY QuickCode.
- AR_BOE_AUTO_RECEIPTS_V: A link to AR_CONS_INV for billing number for billing number retrieval was added to AR_CONS_INV.

- AR_CASH_RECEIPTS_V: Changes support Japanese functionality.
- AR_CUSTOMER_PROFILE_CLASSES_V: The columns CONS_INV_FLAG and CONS_INV_TYPE were added to support the Consolidated Billing Invoices feature.
- AR_INTERIM_CASH_RECEIPTS_V: Changes support Japanese requirements and the Cash Management Float Date feature.
- AR_OPEN_TRX_V: Changes were made to support the Consolidated Billing Invoices feature.
- AR_PAYMENTS_INTERFACE_V: Changes support new functionality for Japanese users. We also added the column BANK_TRX_CODE to support the floating date feature in Cash Management.
- AR_PAYMENT_SCHEDULES_V: NULL was converted to TO_NUMBER(NULL) for setting values for the field DAYS_PAST_DUE. The column BILLING_NUMBER was also added.
- AR_RA_SELECTED_TRX_V: Changes support the Consolidated Billing Invoices feature.
- AR_RECEIVABLE_APPLICATIONS_V: Changes support the Consolidated Billing Invoices feature.
- AR_SITE_USES_V: The Globalization Flexfield columns were added to this view.
- RA_CUSTOMER_TRX_LINES_V: Changed to display the tax code at the line level when entering an invoice.
- RA_CUSTOMER_TRX_PARTIAL_V: Global descriptive flexfields and columns were added to support Japanese functionality.
- TAX_LINES_CREATE_V: Changed to look for a bill-to address only when the ship-to site is not specified.
- TAX_LINES_DELETE_V: Changed to look at TAX.VAT_TAX_ID instead of LINE.VAT_TAX_ID.

Seed Data

The following seed data was added, changed, or made obsolete between Release 10.7 and 10SC Production 16.1.

10SC Production Release 16

New QuickCodes

- ARXANAM_ORDER_BY
- CONSINV_TYPE
- LOCKBOX_STATUS

New Transmission Formats

The following transmission format, transmission record format, and transmission field format were added to enable Receivables to import bank files in the Japanese Zengin format using AutoLockbox.

- AR_TRANSMISSION_FORMATS
- AR_TRANS_RECORD_FORMATS
- AR_TRANS_FIELD_FORMATS

New Data File

The following control file was added with this release of Receivables to let you import bank files in the Japanese Zengin bank file format using AutoLockbox:

- arzeng.ctl

Profile Options

10SC Production Release 16

New Profile Options

- AR: Alternate Name Search
- AR: Create Bank Charges
- AR: Show Billing Number
- AR: Zengin Character Set
- Tax: Use Tax Vendor

Oracle Sales and Marketing

This chapter lists the new features offered when you upgrade from Release 10SC Production 16.1 to Release 11 of Oracle Sales and Marketing and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section lists new features added between Release 10SC Production 16.1 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists the enhancements made between 10SC Production 16.1 and Release 11.

Volume Forecasting and Integration with MRP

Your sales organization can now forecast quantities. These forecasts can be rolled up and adjusted in the same fashion that is provided by Oracle Sales and Marketing sales forecasting. In addition, the volume forecasts can be exported to the Oracle Master Scheduling/MRP forecasting

module for forecasting and consumption by MRP. The open architecture of the OSM – MRP export supports third party demand planning systems. Forecasting information can be extracted by Oracle Sales and Marketing, modified by a third party product, and then exported into Oracle Master Scheduling/MRP for further use.

Rolling Forecasts

Forecast on a rolling schedule of any user-defined number of periods. For example, to forecast on a 3-month rolling schedule, your sales organization can enter forecasts for the January rolling forecast against the January, February, and March sales quotas. At the end of January, you can freeze the January forecast. This provides historical information on your 3-month January forecast and allows your sales organization to begin new forecasts for the February 3-month rolling forecast.

Quotation Integration with Web Customers

OSM quotations are tightly integrated with Oracle Web Customers, which your customers and sales representatives can use to create quotations over the web. You can forward quotation information to the sales representative or order administrator for order review and approval. Or, you might allow orders to be processed directly into Oracle Order Entry for booking and shipment. These options—and routings you add to model your own business processes—are enabled by Oracle Workflow. Additionally, OSM opportunities are created for quotations entered through Oracle Web Customers.

Oracle Web Customers also includes a self-service sales order configurator. The Web Configurator lets your customers use an Internet web browser to place valid orders for complex products with many features and options. The Web Configurator automatically validates each order to prevent invalid orders from being introduced into your order processing system.

Pipeline Snapshot

The pipeline snapshots allows your sales force to get quick graphical views of important pipeline information. Sales representatives can view their pipeline numbers verses their sales quota. This view can be based on any combination of won, forecasted, upside, or lost opportunities for a given period. Additionally, your sales force can view the total dollar amount available to them at each win probability for all of their open opportunities. They can quickly assess their pipeline and determine where to concentrate their sales efforts.

Documents for the Desktop Support

Oracle Sales and Marketing provides added support for the new Oracle Applications documents for the desktop functionality. You can save specific accounts, contacts, opportunities, quotes, mail response scripts, and call scripts to the desktop navigator. For example, rather than launching the workbench and then searching for the correct account, you can save this account to the desktop. When you choose this icon on the desktop, you can access the account or any other Oracle Sales and Marketing object that was previously saved to the desktop.

Attachment Support in Activities and Quotes

Standard Oracle Applications attachment support was added to both quotes and activities in the Oracle Sales and Marketing Workbench.

Production APIs

APIs for Account, Contacts, Opportunities, Phones, Interests, and Activities (Notes, To Dos, Interactions, and Notifications) now have production status. All APIs are PL/SQL packages that can be called for creation of these objects. They can be used for both data migration and for customized interfaces that need to communicate with Oracle Sales and Marketing .

Modules

This section lists the enhancements made between 10SC Production 16.1 and Release 11.

New Windows

Added for volume forecasting support:

- ASXFCFRZ
- ASXFCERC
- ASXFCMRP

ASXCUVIA was added to support mobile addresses validation.

ASXPCHRT was added to chart and graph capabilities in opportunities.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Tables

AS_MRP_INTERFACE and AS_MRP_INTERFACE_LINES were created to support volume forecasting in Sales and Marketing.

AS_ROLLING_CALEDARS and AS_ROLLING_PERIODS were created to support Rolling Forecast.

Created to support multiple organizations:

- AS_QUOTES_ALL
- AS_QUOTES_LINES_ALL
- AS_TERR_SEEDED_QUALIFIERS_ALL

AS_LIST_RULE_FIELDS_TL was created for multi-lingual support.

AS_INVALID_ADDR was created to support mobile address validation.

Changed Tables

AS_LIST_RULE_FIELDS was changed for multi-lingual support.

AS_CHANGED_ACCOUNTS_ALL was changed to include additional parameters for the territory assignment program.

AS_LEADS_ALL was changed to include PRICE_LIST_ID to support Volume Forecasting.

AS_SALES_QUOTAS was changed to include a CURENCY_CODE column to support Volume Forecasting.

AS_INTEREST_CODES_ALL includes columns to support Volume Forecasting:

AS_INTEREST_CODES_ALL	
New Columns	PF_ITEM_ID
	PF_ORGANIZATION_ID
	PRICE
	CURRENCY_CODE

Changed to include columns to support Volume Forecasting.

AS_FORECASTS	
New Columns	PF_LIST_ID
	PRICE
	PRICE_VOLUME_MARGIN

Obsolete Tables

- AS_INTERACTIONS_ALL
- AS_NOTES_ALL
- AS_EXECUTIVE_JOBS
- AS_PROM_TEAM_MEMBERS
- AS_NOTIFICATIONS

New Views

AS_MRP_INTERFACE_LINES_V was created to support volume forecasting in OSM.

AS_ROLLING_PERIODS_V was created to support Rolling Forecast.

AS_FC_SALES_FCST_V was created for Forecast Viewing.

AS_LIST_RULE_FIELDS_VL was created for multi-lingual support.

AS_INVALID_ADDR_ACCOUNT_V and AS_INVALID_ADDR_CONTACT_V were created to support mobile address validation.

Created for multiple organization support:

- AS_QUOTES
- AS_QUOTE_LINES
- AS_TERR_SEEDED_QUALIFIERS

The following new views were created for:

- AS_TERR_GRP_TYPE_V (Territory Support)
- AS_LETTER_MERGE_ENTRIES_V (Letter Merge Support)

Changed Views

Changed to support Volume Forecasting:

- AS_SALES_QUOTAS_V

- AS_VIEW_FORECAST_V
- AS_INTEREST_CODES
- AS_QUOTAS_FORECASTS_V
- AS_SALES_CREDITS_V
- AS_SECOND_INTERESTS_ACTIVE_V
- AS_LEAD_LINES
- AS_LEAD_LINES_V
- AS_LEADS
- AS_LEADS_V

Changed to support sales quotations:

- AS_TAX_LINES_SUMMARY_V
- AS_QUOTES_V
- AS_QUOTE_LINES
- AS_QUOTE_LINES_V

Obsolete Views

- AS_NOTIFICATIONS_V
- AS_LIST_ENTRIES_SUSINPROM
- AS_CONTACT_ROLES
- AS_CONTACT_ACTIVITIES_V
- AS_FORECASTS_V
- AS_FORECAST_LEADS_V
- AS_ACCOUNTS_V
- AS_ADDRESSES_V

New Indexes

AS_INVALID_ADDR_U1 was created to support mobile address validation.

AS_LIST_RULE_FIELDS_TL_U1 was created for multi-lingual support.

Created to support Volume Forecasting:

- AS_MRP_INTERFACE_U1

- AS_MRP_INTERFACE_LINES_U1

Created for performance improvements:

- AS_QUOTE_LINES_N1
- AS_SALES_QUOTAS_N1
- AS_SALES_QUOTAS_N2

Changed Indexes

AS_QUOTE_LINES_U2 and AS_TERR-SEEDED_QUALIFIERS_U2 were changed to support multiple organizations.

Changed for territory assignment improvements:

- AS_CHANGED_ACCOUNTS_U1
- AS_CHANGED_ACCOUNTS_N1
- AS_CHANGED_ACCOUNTS_N3

New Sequences

AS_MRP_INTERFACE_S and AS_MRP_INTERFACE_LINES_S were created to support Volume Forecasting.

Obsolete Sequences

The AS_NOTIFICATIONS_S sequence was made obsolete.

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

Obsolete List of Values (QuickCodes)

- SALESFORCE_ROLE
- DEPARTMENT_CODE
- NOTE_SOURCE

New Menus

AS_FORECASTS and AS_FORECASTS_FULL were created for volume forecasting.

Profile Options

The following profile options were added, changed, or made obsolete between Release 10SC Production 16.1 and Release 11.

New Profile Options

- *OSM: to allow the update of non-marketing address*
- *OSM: Forecast currency conversion date*
- *OSM: Forecast current conversion type*
- *OSM: Forecast Current Freeze period*
- *OSM: Forecast Forecast Confidence*
- *OSM: Forecast Freezing Enabled*
- *OSM: Forecast Price List*
- *OSM: Forecast Price Volume Margin*
- *OSM: Forecast Rolling Calendar Periods*
- *OSM: Forecast Upside Confidence*
- *OSM: Site Use*
- *OSM: Volume Forecasting Enabled*
- *OSM: Product Organization (replaces OSM: Quote Organization)*

Obsolete Profile Options

- *OSM: Receive Notifications*
- *OSM: Subordinate Query*
- *OSM: Date Format*
- *OSM: Quote Organization*

Oracle Sales Compensation

This chapter lists new features offered when you upgrade from Release 10SC to Release 11 of Oracle Sales Compensation and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section lists new features that added to Oracle Sales Compensation between Release 10SC and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

Cumulative Quota Target Calculation

Commission calculations can be based on achievement towards cumulative quota targets, such as Year-to-Date and Quarter-to-Date targets. Previously, the commission rate was determined by comparing achievement to date against a quota defined for the entire interval of period, quarter, or year. With the new functionality, you have the options of determining the commission rate by comparing achievement

to date against a period, quarter-to-date, or year-to-date quota. With this type of commission calculation, a company can account for seasonality of sales and respond fairly to upturns and downturns in a salesperson's performance throughout the year.

Discount-Based Commission Calculation

Sales managers can design compensation plans that use Percentage Discount on a sale as a factor in determining the compensation rate. The following example shows how companies could use this feature to discourage their sales force from selling products at a price well below the list price.

Discount %	Rate %
0-5	5
5-15	3
15-100	0

In this example, the compensation rate and, therefore, the compensation earned by a salesperson decreases as the discount given on a sale decreases. A salesperson on a discount-based commission plan has the incentive to sell products at a price close to the list price.

With this feature, you can also determine the compensation rates either by the discount percentage alone, or by some combination of the discount percentage and the revenue on the sale.

The discount percentage can be applied towards increasing or decreasing the quota achievement to figure commission rates, or it can be applied towards paying the commission amount after the commission rate is determined, based on the transaction amount.

Margin-Based Commission Calculation

Since some companies compensate their sales force or external agents based on profit margins, you can use the margin % in determining the commission rate to be applied to the sale. This is particularly useful for companies in the commodities market where a higher profit margin is critical to remaining competitive.

Modules

This section lists enhancements made to between 10SC Production 16.1 and Release 11.

Changed Reports and Processes

The following program changes were added to the Hierarchy Report:

- Commission Summary Report (For Analyst)
- Commission Summary Report (For Manager)
- Commission Summary Report (For Salesrep)
- Commission Statement (For Analyst)
- Commission Statement (For Manager)
- Commission Statement (For Salesrep)
- Payrun Listing (For Analyst)
- Payrun Listing (For Manager)
- Payrun Listing (For Salesrep)
- Quota Performance (For Analyst)
- Quota Performance (For Manager)
- Quota Performance (For Salesrep)

The Monthly Commission Summary Report was changed to the Summary Report (For Super User)

The Commission Statement Report was changed to the Commission Statement (For Super User) Report.

The Payrun Listing Report was changed to the Payrun Listing (For Super User) Report.

The Quota Performance Report was changed to Quota Performance (For Super User) Report.

Obsolete Reports and Processes

- YEAR-TO-DATE COMMISSION SUMMARY REPORT

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production and Release 11.

New Tables

Created to support YTD calculation:

- CN_PERIOD_QUOTAS_ALL

New Views

Added to support YTD calculation:

- CN_PERIOD_QUOTAS
- CN_PERIOD_QUOTAS_V
- CN_PERIOD_QUART_V
- CN_PERIOD_QUOTAS_YEAR_V

Changed Views

Changed to support YTD calculation:

- CN_QUOTAS
- CN_QUOTAS_V
- CN_QUOTAS_QUART_V
- CN_QUOTAS_YEAR_V
- CN_COMMISSION_LINES
- CN_COMMISSION_LINES_V
- CN_COMM_LINES_API
- CN_PAYMENT_API
- CN_SRP_QUOTA_ASSIGNS

New Indexes

- CN_PERIOD_QUOTAS_U1
- CN_PERIOD_QUOTAS_U2
- CN_ATTRIBUTE_RULES_N1
- CN_NOT_TRX_N1

- CN_NOT_TRX_U1
- CN_NOT_TRX_U2
- CN_TRX_U1
- CN_TRX_LINES_U1
- CN_TRX_LINES_N1
- CN_TRX_SALES_LINES_U1
- CN_TRX_SALES_LINES_U1

Obsolete Indexes

- CN_COMMISSION_LINES_N4
- CN_SRP_PERIOD_QUOTAS_N1
- CN_OBJECTS_N1
- CN_OBJECTS_N2
- CN_OBJECTS_N3
- CN_OBJECTS_N4
- CN_OBJECTS_N7
- CN_TRX_N1 (to N10)
- CN_TRX_LINES_N1 (to N5)
- CN_TRX_SALES_LINES_1N (to N10)

New Sequences

- CN_PERIOD_QUOTAS_S

Changed Tables

The following table was changed to support payment API.

CN_PAYMENT_API_ALL	
New Columns	PAYMENT_API_ID
	PAYRUN_ID

The following table was changed to support discount/margin and YTD calculation.

CN_QUOTAS_ALL	
New Columns	ITD_FLAG
	SPLIT_FLAG
	DISCOUNT_OPTION_CODE
	DISC_RATE_SCHEDULE_ID

The following table was changed to support YTD calculation.

CN_SRP_PERIOD_QUOTAS_ALL	
New Columns	ITD_TARGET NUMBER
	PERIOD_PAYMENT NUMBER
	ITD_PAYMENT NUMBER
	TRX_AMOUNT_PTD NUMBER
	TRX_AMOUNT_YTD NUMBER
	QUANTITY_PTD NUMBER
	QUANTITY_YTD NUMBER
	COMMISSION_PAYED_ITD NUMBER

The following table was changed to support discount/margin.

CN_COMMISSION_LINES_ALL	
New Columns	DISCOUNT_PERCENTAGE
	MARGIN_PERCENTAGE

The following table was changed to support discount/margin.

CN_COMM_LINES_API_ALL	
New Columns	DISCOUNT_PERCENTAGE
	MARGIN_PERCENTAGE

The following table was changed to support discount/margin and YTD calculation.

CN_SRP_QUOTA_ASSIGNS_ALL	
New Columns	DISC_RATE_SCHEDULE_ID
	SPLIT_FLAG
	ITD_FLAG

Profile Options

The following profile options were added, changed, or made obsolete between 10SC Production Release 16.1 and Release 11.

New Profile Options

- *OSC: Report Security Level*
Determines the security level at which a user can run reports.
- *OSC: User's Employee Number*
Indicates the employee number of the user if they are sales personnel.

Obsolete Profile Options

- *CN_ALLOW_CREATE_PAYRUN*

Oracle Self-Service Web Applications

This chapter lists the new features offered when you upgrade from Version 2 (based on Oracle Applications Release 10.7) to Release 11 of Oracle Self-Service Web Applications and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section lists new features added to Oracle Self-Service Web Applications (formerly known as "Oracle Applications for the Web") between Version 2 (based on Oracle Applications Release 10.7) and Release 11. (Beginning with Release 11, releases of Oracle Self-Service Web Applications are synchronized with releases of Oracle Applications.)

This section also describes changes made to modules database objects, seed data, and profile options between Version 2 and Release 11.

New Features – Common

We have added the following new features common to all Oracle Self-Service Web Applications. Both Oracle Web Employees and Oracle Web Customers have product-specific new features.

Web User Registration

Oracle Applications for the Web now uses the same account, password, responsibility, and menu data as Oracle Applications.

Web Applications Dictionary

The Web Applications Dictionary can now be customized to show only those fields pertinent to Oracle Self-Service Web Applications.

New Features – Oracle Web Employees

Procurement Cards

You can reduce transaction costs and eliminate low-amount invoices by implementing a procurement card program.

Expense Reports

Disconnected Expense Report Entry Mobile employees can enter expense report receipt information without being connected to the network.

Descriptive Flexfield Support for Expense Items You can define descriptive flexfields for expense items and can capture additional information when employees enter an expense report.

Tax Indicator for Receipt Employees can specify whether a receipt amount includes tax. You can automatically calculate a tax amount for an expense item or to identify recoverable value added tax.

Authorized Delegate Expense Report Entry Authorized employees can enter expense reports on behalf of someone else.

Project Support You can specify Oracle Projects-related information when you create an expense report. This enables you to insert project information into Oracle Payables for expense reports created on the web.

Threshold Amount for Requiring Receipts Your accounts payable department can define an amount threshold for an expense type above which a receipt is required. Oracle Workflow enforces this requirement.

Purchase Requisitions

Multiple Account Distributions	The cost of requisitioned items can be split across multiple cost centers.
Encumbrance Support	The workflow for purchase requisitions is now merged with Oracle Purchasing, which has encumbrance support.
Emergency Requisitions	Emergency requisitions for controlled groups of items are supported.
Copy Requisitions	You can copy a previously submitted requisition, and then modify it as needed.
Attachments	You can attach files to requisitions that include details and specifications required by approvers, buyers, and / or suppliers. Attachments are transferred to purchase orders and other documents.

Human Resources

Line Manager Direct Access	Enables managers to initiate key processes related to both career management of employees and skills-based decision-making about applicants.
Employee Direct Access	Enables employees to manage a number of business processes affecting them and their families.
Secure Access	Security is shared with Oracle Human Resources and includes organization, position, and payroll-based flexibility.

New Features – Oracle Web Customers

Web Configurator

Customers can use a web browser to place valid orders for complex products with several features and options. Each order is validated to ensure that invalid orders cannot be introduced into the order processing system. Valid orders are saved for future use.

Self-Registration

Without having a system account, prospective customers can register themselves as guests and can browse your web store. They can then

request a valid account. If so, an Oracle Workflow process notifies you of their request so that you can grant them a system account.

Tax Functionality

Customers can now view the full cost of their order including tax. Tax charges are displayed based on data stored in Oracle Receivables.

Freight

You can now specify a default freight carrier and freight charges for all orders.

Service Requests

Customers can now enter and update service requests. They can also search the knowledge base of previous service requests.

Modules

Changed Concurrent Executables

We have changed the ICXDLTMP concurrent executable by adding a utility to remove records of the CS_INCIDENTS_CTX_RESULTS table that are more than one hour old.

Obsolete Module

The Enable PL/SQL function for Oracle Self-Service Web Applications is now handled by an Applications Object Library loader program.

Database Objects

The following database changes were made between Version 2.0 (based on Oracle Applications Release 10.7) and Release 11. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

New Tables

Created to support use of Oracle ConText:

- ICX_CONTEXT_RESULTS_TEMP

Created to support Requisitions:

- ICX_PO_REVISIONS_TEMP

Obsolete Tables

- ICX_FUNCTIONS
- ICX_RESPONSIBILITIES
- ICX_RESPONSIBILITIES_FUNCTIONS
- ICX_USER_RESPONSIBILITIES
- ICX_WEB_USERS

New Views

- ICX_CATALOG_AVAIL_ITEMS_V
- ICX_CATALOG_ORD_ITEMS_V
- ICX_CATALOG_SUMMARY_V
- ICX_CHV_SCHEDULE_LINES_V
- ICX_COST_GRP_INV_VALUE_V
- ICX_CUSTOMER_SAV_DEFAULTS_V
- ICX_DEMAND_LINES_V
- ICX_DEMAND_ORDERS_SUM_V
- ICX_DEMAND_TRX_SUMMARY_V
- ICX_EDM_BUYER_SUP_PROJ_V
- ICX_EDM_BUYER_SUP_TASK_V
- ICX_EDM_COST_GROUP_INV_V
- ICX_EDM_CUSTOMER_PROJ_V
- ICX_EDM_CUSTOMER_TASK_V
- ICX_EDM_INV_ONHAND_BAL_V
- ICX_EDM_KEY_MEMBER_PROJ_V
- ICX_EDM_KEY_MEMBER_TASK_V
- ICX_EDM_MFG_PLAN_V
- ICX_EDM_PLANNER_PROJ_V
- ICX_EDM_PLANNER_TASK_V
- ICX_EDM_PO_BLANKET_REL_V

- ICX_EDM_PROJECT_TASK_V
- ICX_EDM_PROJECT_V
- ICX_EDM_PURCHASE_ORDER_V
- ICX_EDM_PURCHASE_REQ_V
- ICX_EDM_SALES_ORDER_V
- ICX_EDM_WIP_JOB_V
- ICX_ENG_WEB_SCHEDULE_CS_V
- ICX_ENG_WEB_SCHEDULE_PO_V
- ICX_ENG_WEB_SCHEDULE_SO_V
- ICX_HEADERCONFIRM_REVIEW_V
- ICX_HEADERREVIEW_V
- ICX_HORIZONTAL_SCHEDULE_V
- ICX_INTERNAL_SAV_DEFAULTS_V
- ICX_MTL_DEMAND_DETAILS_V
- ICX_MTL_DEMAND_ITEM_SUM_V
- ICX_MTL_DEMAND_SUMMARY_V
- ICX_MTL_ONHAND_SUB_V
- ICX_MTL_SUPPLY_DEMAND_V
- ICX_MTL_SYSTEM_ITEMS_CONT_V
- ICX_NONSHIP_DUMMY_LOV_V
- ICX_NONSHIP_ITEMS_V
- ICX_PANEL_CREDIT_INFO_V
- ICX_PANEL_CUSTOMER_V
- ICX_PANEL_HISTORY_V
- ICX_PANEL_RELATION_TYPE_V
- ICX_PANEL_TOTALS_V
- ICX_PO_DISTRIBUTES_DIFF_V
- ICX_PO_HDR_ARCHIVE_OPEN_V
- ICX_PO_HEADERS_ARCHIVE_V
- ICX_PO_HEADER_DIFF_V

- ICX_PO_LINES_ALL_CONTEXT_V
- ICX_PO_LINES_ARCHIVE_V
- ICX_PO_LINES_DIFF_V
- ICX_PO_LINE_DIST_DIFF_V
- ICX_PO_LINE_LOC_DIFF_V
- ICX_PO_LIST_USERS_V
- ICX_PO_LOCATIONS_DIFF_V
- ICX_PO_OPEN_REQS_BY_USERS_V
- ICX_PO_REQS_BY_USERS_V
- ICX_PO_REQ_DIST_V
- ICX_PO_REQ_LINES_DIST_V
- ICX_PO_REVISIONS_TEMP_V
- ICX_PO_RFQ_HEADERS_V
- ICX_PO_RFQ_LINES_V
- ICX_PO_RFQ_LINE_LOC_V
- ICX_PO_SUPPL_SEARCH_ITEMS_V
- ICX_PO_USER_DETAILS_V
- ICX_RELATIONSHIPS_COUNT_V
- ICX_SALESREP_PERS_INFO_V
- ICX_SAVEDORDER_V
- ICX_STORECONFIRM_REVIEW_V
- ICX_STOREHEADER_REVIEW_V
- ICX_STOREITEMS_REVIEW_V
- ICX_SUPPLIER_ACCOUNT_V

Obsolete Views

- ICX_ENABLED_PLSQL_V
- ICX_WEB_USERS_V

New Indexes

- ICX_CONTEXT_RESULTS_TEMP_U1

- ICX_MARGIN_ANALYSIS_U1
- ICX_OE_CART_HEADERS_N1
- ICX_OE_CART_HEADERS_U1
- ICX_PANEL_SUMMARY_U1
- ICX_PO_REVISIONS_TEMP_N1
- ICX_PO_REVISIONS_TEMP_N2
- ICX_TEXT_U1
- ICX_USER_PROFILES_N1

Obsolete Indexes

- ICX_FUNCTIONS_U1
- ICX_RESPONSE_FUNCTIONS_U1
- ICX_RESPONSIBILITIES_FUNCTIONS
- ICX_RESPONSIBILITIES_U1
- ICX_RESPONSIBILITIES
- ICX_USER_PROFILES_U1
- ICX_USER_PROFILES
- ICX_USER_RESPONSIBILITIES_U1
- ICX_USER_RESPONSIBILITIES
- ICX_WEB_USERS_U1
- ICX_WEB_USERS
- ICX_WEB_USERS_U2

Seed Data

The following seed data changes were made between Version 2.0 (based on Oracle Applications Release 10.7) and Release 11.

New Lookups

Type	Code	Meaning
ICX_CONDITIONS	HAFTER	after
	IBEFORE	before
	CCONTAIN	contains
	EEND	ends with
	FGREATER	greater than
	AIS	is
	BNOT	is not
	GLESS	less than
	DSTART	starts with
ICX_DATE_FORMATS	DD-MM-RRRR	DD-MM-RRRR
	DD-MON-RRRR	DD-MON-RRRR
	DD.MM.RRRR	DD.MM.RRRR
	DD.MON.RRRR	DD.MON.RRRR
	DD/MM/RRRR	DD/MM/RRRR
	DD/MON/RRRR	DD/MON/RRRR
	MM-DD-RRRR	MM-DD-RRRR
	MM.DD.RRRR	MM.DD.RRRR
	MM/DD/RRRR	MM/DD/RRRR
	RRRR-MM-DD	RRRR-MM-DD
	RRRR-MON-DD	RRRR-MON-DD
	RRRR.MM.DD	RRRR.MM.DD
	RRRR.MON.DD	RRRR.MON.DD
	RRRR/MM/DD	RRRR/MM/DD

Type	Code	Meaning
	RRRR/MON/DD	RRRR/MON/DD
ICX_PLSQL_TYPES	PA	Package
	PAPR	Package Procedure
	PR	Procedure
ICX_RELATIONS	CHILD	Child
	TOP	Top
ICX_REQ_OVERRIDE_REQUESTER	ALL	By All
	NO	No
	ORG	Within Organization

Profile Option Changes

The following profile options were added between Version 2.0 (based on Oracle Applications Release 10.7) and Release 11.

New Profile Options

CZ: Use Simple Configurator

A value of Yes (default) indicates that the simple, HTML version (no frame support) of the Web Configurator is used. A value of No indicates that the Java version (supports frames) is used.

ICX: Allow Funds Override

If encumbrance is enabled, indicates whether a requestor can override their allowed funds.

ICX: Date Format Mask

Determines the date format mask to use. The American English default is DD-MON-RRRR, for example, 12-NOV-1997.

For year 2000 compliance, all year formats are converted to RRRR, which accepts four-digit century and year entries verbatim (1950 is stored as 1950) and converts two-digit year entries as follows:

- Entries of 00 to 49 are converted to 2000 to 2049, respectively.
- Entries of 50 to 99 are converted to 1950 to 1999, respectively.

For example, if a user enters 50 for the year, the year is converted and stored as 1950. If a user enters 49, the year is converted and stored as 2049.

ICX: Days Needed By

Determines the number of days until the user needs the order.

ICX: Default Employee

Determines the default employee to use.

ICX: Default Requisition Template

Determines the default requisition template to use.

ICX: Language

Determines the default language.

ICX: Limit Connect

Determines the maximum number of page hits per session.

ICX: Limit Time

Determines the maximum number of hours a user can be logged on per session.

ICX: Override Location Flag

Determines whether the default location to deliver orders can be overridden.

ICX: Override Requestor Code

Determines whether the user can override the default requestor code and create a requisition for everyone, the entire organization, or for just the user.

Oracle Service

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Service and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section lists new features added to Oracle Service between Release 10SC Production 16 and Release 11 and describes the changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made to Oracle Service between 10SC Production 16 and Release 11.

Attachments

Oracle Service supports the Application Object Library attachments feature, which allows you to attach Web URLs and files (such as images and word-processing documents) to customer products, service requests, and depot repair lines.

Billing

Oracle Service's billing module lets you consolidate charges across support service requests, field service requests, and depot repair lines. Transaction groups and transaction types that you define determine what sort of impact a charge detail has on the installed base. You can decrement inventory based on field service charges and pass billing information to Oracle Receivables via Oracle Order Entry/Shipping. You can also determine which charge lines need not be interfaced to Order Entry/Shipping, and optionally roll up charge lines with the same billing type into a single line on an order.

Calls

The Calls window tracks interactions with your customers by logging incoming and outgoing calls. You can define call types and call follow-up types to suit your needs. Oracle Service logs calls automatically whenever a new service request is entered and when a customer updates a request via the Web.

Comments

You can add comments (notes) to service requests, depot repair lines, and customer products.

Documents on the Navigator Desktop

Once you have entered and saved a service request, you can place it on the Applications Navigator desktop so that you can revisit it without having to requery the record.

Field Service/Dispatch

Using Oracle Service's field service module, you can create field service requests; select personnel to dispatch based on rules you define; and track labor, material, and expenses incurred during the field visit.

Installed Base Enhancements

The Autocreate Installed Base concurrent program populates your installed base with information about all included items. Also, when you split a customer product, you can track the original product that you split.

Integration with Oracle Self-Service Web Applications

Your customers can use Oracle Web Customers to view the products they own as well as any associated support services and to review open service requests or repair activities against a product. Customers and employees can also search the knowledge base for previously reported problems, as well as enter, update, and view service requests.

Integration with Oracle Quality

If you set up collection plans in Oracle Quality, you can use them to capture data when logging service requests.

Knowledge Base

Oracle Service's knowledge base enables you to search for previously entered service requests and resolutions. You can query the database for service request field values and perform ConText searches to view service request details and comments that match your criteria.

Messages

You can send, review, and reply to messages to facilitate communication amongst field engineers, support service personnel, and customers. Messaging is supported in the Service Requests, Repairs, and Customer Products windows.

Pricing Enhancement

Pricing functionality has been added to the Order Service and Renew Service windows.

Repair Jobs

You can change the product while creating a repair job. You can also create single or multiple jobs when you select more than one repair line. Also, you can create jobs before or after you have created an order.

Workflows

Oracle Service provides two workflows that you can tailor to your needs. The Service Request workflow routes new service requests to appropriate employees and facilitates escalation and transfer as needed; the Service Request Action workflow routes request actions to field service personnel whom you dispatch to a customer site.

Modules

New Windows

- Calls
- Charges
- Comments
- Engineer Selection and Dispatch
- Included Items
- Message History
- (Order)
- Search Knowledge Base
- Send Message
- Service Groups
- Support Levels
- Transactions
- Transaction Groups

Changed Windows

- Action Audit History
- Actions
- Audit History
- Customer Product Services
- Customer Product Split
- Dispatch Rules
- Order Service Programs
- Order Transaction Types
- Renew Service Programs
- Repair Jobs
- Repairs
- Service Request/Action Types
- Service Requests

Obsolete Windows

- Estimate
- Repair Orders
- Replacements

New Reports and Processes

- Repair Charge Report
- Service Request Detail Report
- Service Request Summary Report

Changed Reports and Processes

The AutoCreate Installed Base concurrent program offers improved error handling. It now flags errored records in the interface tables and provides a description of the error. The Depot Repair Control concurrent program now offers better performance and accepts two optional parameters.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New Tables

Created to support installed base functionality:

- CS_BUSINESS_PROCESSES
- CS_BUS_PROCESS_TXNS
- CS_ESTIMATE_HEADERS_ALL

Created to support depot repair:

- CS_ESTIMATE_DETAILS_MTL_TXNS

Created to support service request functionality:

- CS_CALLS
- CS_COMMENTS
- CS_GROUP_LEVELS
- CS_GROUP_LEVEL_ASSIGNS

- CS_INCIDENTS_CTX_RESULTS
- CS_MESSAGES
- CS_SERVICE_GROUPS
- CS_SUPPORT_LEVELS

Changed Tables

The CS_SYSTEM_PARAMETERS table was renamed to CS_SYSTEM_PARAMETERS_ALL and was further enhanced as follows:

CS_SYSTEM_PARAMETERS_ALL	
New Columns	ORG_ID
	LAST_DR_MTL_XNS_ID

Changed to support installed base functionality:

CS_CP_AUDIT	
New Columns	SPLIT_CP_ID
	CP_QUANTITY_CHANGED_FLAG
	OLD_CP_QUANTITY
	CURRENT_CP_QUANTITY
	CP_SPLIT_REASON_CODE

CS_CP_REVISIONS	
New Columns	CURRENCY_CODE
	LOT_NUMBER
	COMPONENT_FROZEN_FLAG

CS_CUSTOMER_PRODUCTS_ALL	
New Columns	RETURN_BY_DATE
	SPLIT_FLAG
	COMPONENT_FROZEN_FLAG

CS_CUSTOMER_PRODUCTS_ALL	
	INCLUDED_ITEM_FLAG
	ORIG_ORDER_LINE_DETAIL_ID
	RMA_HEADER_ID
	RMA_NUMBER
	RMA_LINE_ID
	RMA_LINE_NUMBER
	ACTUAL_RETURNED_DATE
	PROJECT_ID
	TASK_ID

CS_ORDERS_INTERFACE_ALL	
New Columns	LINE_DETAIL_ID
	INCLUDED_ITEM_FLAG
	ERROR_FLAG
	SKIP_FLAG
	ERROR_SKIP_REASON

CS_TRANSACTION_TYPES	
New Columns	DESCRIPTION
	BILLING_FLAG
	TRANSFER_SERVICE
	INSTALLED_CP_RETURN_REQUIRED
	NEW_CP_STATUS_ID
	NEW_CP_STATUS_CODE
	NEW_CP_RETURN_REQUIRED

Changed to support depot repair functionality:

CS_ESTIMATE_DETAILS	
New Columns	ORGANIZATION_ID
	ADD_TO_ORDER
	BUSINESS_PROCESS_ID
	CUSTOMER_PRODUCT_ID
	DIAGNOSIS_ID
	ESTIMATE_BUSINESS_GROUP_ID
	INSTALLED_CP_RETURN_BY_DATE
	NEW_CP_RETURN_BY_DATE
	INTERFACE_TO_OE_FLAG
	ROLLUP_FLAG
	ORDER_HEADER_ID
	ORIGINAL_SYSTEM_REFERENCE
	ORIGINAL_SYSTEM_LINE_REFERENCE
	SYSTEM_ID
	RMA_HEADER_ID
	RMA_NUMBER
	RMA_LINE_ID
	RMA_LINE_NUMBER
TRANSACTION_TYPE_ID	
CS_ESTIMATES	
New Columns	PURCHASE_ORDER_NUM
	ESTIMATE_BUSINESS_GROUP_ID
	BUSINESS_PROCESS_ID
	ORDER_TYPE_ID
	AGREEMENT_ID
	SOURCE_CODE
	SOURCE_ID

CS_ESTIMATES	
	BILL_TO_SITE_USE_ID
	SHIP_TO_SITE_USE_ID
	CUSTOMER_ID
	DISCOUNT_ID
	CONVERSION_TYPE_CODE
	CONVERSION_RATE
	CONVERSION_DATE
Changed Columns	DIAGNOSIS_ID
	REPAIR_LINE_ID

CS_REPAIRS_ALL	
New Columns	ALLOW_JOB
	INCIDENT_ID
	ESTIMATE_BUSINESS_GROUP_ID
	APPROVAL_FLAG
	DIAGNOSIS_ID
	DIAGNOSED_BY_ID
	JOB_COMPLETION_DATE
	PROMISED_DELIVERY_DATE
	PROJECT_ID
	TASK_ID
	RECVD_ORGANIZATION_ID
	REPAIR_NUMBER
	MTL_TRANSACTION_ID

The following section lists changes made to enhance service programs:

CS_CP_SERVICES_ALL	
New Columns	ORIGINAL_START_DATE
	ORIGINAL_END_DATE
	SERVICE_DATE_CHANGE

The following section lists changes made to support service request functionality:

CS_INCIDENT_ACTION_AUDIT	
New Columns	NEW_WORKFLOW_FLAG
	WORKFLOW_PROCESS_NAME
	WORKFLOW_PROCESS_ITEMKEY

CS_INCIDENT_ACTIONS	
New Columns	WORKFLOW_PROCESS_ID
	DISPATCHER_ORIG_SYST
	DISPATCHER_ORIG_SYST_ID
	DISPATCH_ROLE_NAME

CS_INCIDENT_STATUSES	
New Columns	CLOSE_FLAG

CS_INCIDENT_TYPES	
New Columns	WORKFLOW
	WEB_ENTRY_FLAG
	WEB_WORKFLOW
	WEB_IMAGE_FILENAME
	BUSINESS_PROCESS_ID

CS_INCIDENTS_AUDIT	
New Columns	NEW_WORKFLOW_FLAG
	WORKFLOW_PROCESS_NAME
	WORKFLOW_PROCESS_ITEMKEY

The following section lists database table columns that were resized:

Table Name	Column Name	New Size
CS_CP_REVISIONS	SERIAL_NUMBER	VARCHAR2(30)
CS_INCIDENT_ACTIONS	TEXT	VARCHAR2(240)

Obsolete Tables

- CS_COVERAGE_SCHEDULES

New Sequences

Added to support depot repair:

- CS_ESTIMATE_BUSINESS_GROUP_S
- CS_EST_DETAILS_MTL_TXNS_S
- CS_REPAIR_NUMBER_S

Added to support service request functionality:

- CS_ACTION_WF_PROC_ID_S
- CS_CALLS_S
- CS_COMMENTS_S
- CS_GROUP_LEVEL_ASSIGNS_S
- CS_INCIDENTS_CTX_S
- CS_MESSAGES_S
- CS_SERVICE_GROUPS_S
- CS_SUPPORT_LEVEL_S
- CS_WF_PROCESS_ID_S

Added to support installed base functionality:

- CS_BUSINESS_PROCESSES_S

Changed Sequences

Changed to enhance service request functionality:

- CS_INCIDENTS_NUMBER_S

New APIs

- CS_ServiceRequest_PUB.Create_ServiceRequest
- CS_ServiceRequest_PUB.Update_ServiceRequest
- CS_ServiceRequest_PUB.Update_Status
- CS_ServiceRequest_PUB.Update_Severity
- CS_ServiceRequest_PUB.Update_Urgency
- CS_ServiceRequest_PUB.Update_Owner
- CS_ServiceRequest_PUB.Update_Problem_Code

Seed Data

The following seed data was added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New List of Values (QuickCodes)

The following user-definable QuickCodes have been added:

- Call Followup Types
- Call Types
- Message Action Requests
- Split Product Reasons

New Workflows

The Service Request and Service Request Action workflows have been added to facilitate service request and action resolution.

New Menus

- CSX_CUSTOMER
- CSX_SETUP_DISPATCH

- CSX_SETUP_PERSONNEL

Changed Menus

- CSX_CUSTOMER_PRODUCTS
- CSX_INCIDENT_SETUP
- CSX_INCIDENT_TRACKING
- CSX_NAVIGATE
- CSX_OTHER
- CSX_REPAIRS
- CSX_SERVICE_PROGRAMS
- CSX_SETUP
- CSX_SETUP_CUSTOMER_PRODUCTS

Profile Options

The following profile option changes were made since Release 10.7. For more information, see the *Oracle Service User's Guide*.

New Profile Options

- *Service: Allow Service Date Change*
- *Service: Auto Launch Web Workflow*
- *Service: Auto Launch Workflow*
- *Service: Default Make Public Flag*
- *Service: Default Price List for Repairs*
- *Service: Default Transaction Type for Depot Repair*
- *Service: Default Web Service Request Owner*
- *Service: Default Web Service Request Severity*
- *Service: Default Web Service Request Type*
- *Service: Default Web Service Request Urgency*
- *Service: Enable Context Search*
- *Service: Field Service Transaction Organization*
- *Service: Field Service Transaction Subinventory*

- *Service: Field Service Transaction Type*
- *Service: On-line Processing of Service Orders*
- *Service: Product Status for Returns*
- *Service: Product Status When Returned for Repair*
- *Service: Publish Flag Update Allowed*
- *Service: Repair Default Expense Item*
- *Service: Repair Default Labor Item*
- *Service: Repair Default Material Item*
- *Service: Support Role in Human Resources*
- *Service: Workflow Administrator*

Changed Profile Options

- *Service: Default Order Type for Service Orders*
This profile was named *Service: Default Order Type* in 10SC Production 16.
- *Service: Default Order Type for Service Renewals*
This profile was named *Service: Renewal Default Order Type* in 10SC Production 16.
- *Service: Minimum Repair Status for Submitting Jobs*
The values available for this profile have changed.

Obsolete Profile Options

- *Service: Default Order Type for Repairs*
- *Service: Default Order Type for Replacements*
- *Service: Default WIP Accounting Class for Repair Jobs*
- *Service: Repair Default Order Type*

Oracle System Administrator

This chapter lists new features included in Release 11 and Release 10SC of Oracle System Administrator. It describes the changes made to database objects, profile options, and seed data between Release 11 and Release 10SC Production 16 as well as changes from Release 10.7 and Release 10SC Production 16.

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16 10SC Production 1-15
10.7 GUI Production 16	Release 11
10.7 GUI Production 16.1	Release 11

Release 11 Features and Changes

This section lists changes made to Oracle System Administrator between Releases 10 and 11.

New Features

This section lists enhancements made since Release 10SC.

Multilingual Support

With Release 11, Application Object Library introduces multilingual support for Installation, Forms, Reports, Lookups, Messages, Help, and Flexfields.

Web-Deployed Help Format

Oracle Applications on-line documentation is presented in HTML format in the Browser of your choice. You can access the on-line documentation directly using a URL determined by your System Administrator, or from the toolbar within the Applications.

Enhanced Security

Functionality has been added to the security feature to allow you to define customers and suppliers as users in your system. This allows them to use Oracle Self-Service Web Applications. Additional fields and regions have been added to the Users and Responsibilities Windows.

New Request Set windows

New functionality has been added to request sets that enables you to group requests into stages which are then submitted by the request set. Stages are submitted in sequence, based on their completion status, while the requests within a stage are submitted simultaneously. Using completion status to determine the sequence in which stages are submitted allows you greater control of your request set submission.

New Viewing Requests window

The windows for monitoring concurrent requests have been combined into one window. The Requests window allows you to view completed requests, all of your requests, or specific requests you submitted.

Scheduling Request Submissions

A new request scheduling window provides you with several new scheduling options. You can choose to reuse a schedule previously defined and saved, or define a new schedule. You can schedule your request to run as soon as possible, at a specific time, repeatedly at specific intervals, or on specific days of the week or month.

Documents in the Navigator

Create custom links to specific documents (records) from the Navigator. You can now create a link to a specific record you are working on and place the link in the Navigator. This allows you to simply click on your link to open your linked record in the appropriate window without having to navigate to the window and then query the record.

Account Generator

The Account Generator allows you to create Accounting Flexfield combinations automatically using Oracle Workflow. This feature replaces FlexBuilder in Release 10.

Modules

New Forms

Account Generator Processes

Obsolete Forms

FlexBuilder Functions

FlexBuilder Parameters

Define FlexBuilder Parameter

Assign Function Parameters

Test FlexBuilder Functions

Database Objects

The following database changes were made since Release 10 of Oracle Applications. For more information, see the *Oracle Application Object Library Technical Reference Manual, Release 11*.

New Tables

FND_ATTACHMENT_REPLICATION

FND_DESKTOP_OBJECTS

FND_ENABLED_PLSQL

FND_EXECUTABLES_TL

FND_FILE_TEMP

FND_FLEX_WORKFLOW_PROCESSES
FND_MIME_TYPES
FND_TEMP_FILE_PARAMETERS
FND_USER_DESKTOP_OBJECTS
FND_TEMP_FILES

Created to support the new Conflicts Domain feature:

FND_CONFLICTS_DOMAIN
FND_CONFLICTS_DOMAIN_STATUS

Created to support the new Submit Request and Request Sets windows:

FND_CONC_PP_ACTIONS
FND_CONC_PP_TEMPLATES
FND_CONC_PP_TEMPLATES_TL
FND_CONC_PP_TEMPLATE_MEMBERS
FND_CONC_RELEASE_CLASSES
FND_CONC_RELEASE_CLASSES_TL
FND_CONC_RELEASE_DISJS
FND_CONC_RELEASE_DISJS_TL
FND_CONC_RELEASE_PERIODS
FND_CONC_RELEASE_PERIODS_TL
FND_CONC_RELEASE_STATES
FND_CONC_RELEASE_STATES_TL
FND_CONC_REL_CONJ_MEMBERS
FND_CONC_REL_DISJ_MEMBERS
FND_CONC_REQ_STAT
FND_CONC_STATE_LOOKUPS
FND_CONC_STATE_LOOKUPS_TL
FND_CONC_STATE_LOOKUP_TYPES
FND_CONC_STATE_LOOKUP_TYPES_TL
FND_CONC_STAT_LIST
FND_CONC_STAT_PROG
FND_CONC_STAT_SUMMARY
FND_REQUEST_SET_STAGES
FND_REQUEST_SET_STAGES_TL
FND_REQUEST_TEMP
FND_RUN_REQ_PP_ACTIONS
FND_STAGE_FN_PARAMETERS_TL

FND_STAGE_FN_PARAMETER_VALUES

FND_STAGE_LINK_VERTICES

Created to support Workflow:

WF_ACTIVITIES

WF_ACTIVITIES_TL

WF_ACTIVITY_ATTRIBUTES

WF_ACTIVITY_ATTRIBUTES_TL

WF_ACTIVITY_ATTR_VALUES

WF_ACTIVITY_TRANSITIONS

WF_ITEMS

WF_ITEM_ACTIVITY_STATUSES

WF_ITEM_ACTIVITY_STATUSES_H

WF_ITEM_ATTRIBUTES

WF_ITEM_ATTRIBUTES_TL

WF_ITEM_ATTRIBUTE_VALUES

WF_ITEM_TYPES

WF_ITEM_TYPES_TL

WF_LOOKUPS_TL

WF_LOOKUP_TYPES_TL

WF_MESSAGES

WF_MESSAGES_TL

WF_MESSAGE_ATTRIBUTES

WF_MESSAGE_ATTRIBUTES_TL

WF_NOTIFICATIONS

WF_NOTIFICATION_ATTRIBUTES

WF_PROCESS_ACTIVITIES

WF_RESOURCES

WF_LOCAL_ROLES

WF_LOCAL_USERS

WF_LOCAL_USER_ROLES

WF_ROUTING_RULES

WF_ROUTING_RULE_ATTRIBUTES

Obsolete Tables

FND_ACTION_EVENTS

FND_AUDIT_COMMITS

FND_AUDIT_COMPRESSED_COMMITS
FND_AUDIT_REPORT_ACTIONS
FND_AUDIT_REPORT_FIELDS
FND_AUDIT_STORAGE_DEFINITIONS
FND_BENCHMARK_STATISTICS
FND_BLOCK
FND_COMPILED_FORM_INFORMATION
FND_COMPILED_MENU
FND_COMPILED_TERM_INFORMATION
FND_CURRENCY_FIELDS
FND_CURRENCY_UPDATES
FND_DOCUMENTS_TL_OLD
FND_FIELD
FND_FORM_BK
FND_FORM_FUNCTIONS_BK
FND_FUNCTION_PARAMETER_MAP
FND_HELP
FND_LANGUAGE_INFORMATION
FND_LOADER_FORMATS
FND_LOADER_FORMATS_BAD
FND_MACRO
FND_MENU
FND_MENU_TL
FND_MENU_ENTRY
FND_MENU_ENTRY_TL
FND_MESSAGES
FND_NAMED_SQLS
FND_NEW_LANGUAGES
FND_NAMED_SQLS
FND_NEW_LANGUAGES
FND_NOTIFICATIONS
FND_ORACLE_TOOL
FND_ORACLE_TOOL_TL
FND_PROFILE_LEVELS
FND_PROFILE_OPTION_ATTRIBUTES
FND_REGRESSION_IGNORE_DATES
FND_REGRESSION_IGNORE_FIELDS

FND_REGRESSION_IGNORE_OPTIONS
 FND_REGRESSION_IGNORE_REGIONS
 FND_REGRESSION_IGNORE_TEXT
 FND_REGRESSION_RUNNING_SUITES
 FND_REGRESSION_SUITES
 FND_REGRESSION_SUITE_TESTS
 FND_REGRESSION_TESTS
 FND_REGRESSION_TEST_ACTIONS
 FND_RESP_TERMINALS
 FND_STANDARD_PROCEDURES
 FND_STANDARD_TRIGGERS
 FND_SUBROUTINE
 FND_TERMINAL_GROUPS
 FND_TERMINAL_GROUP_UNITS
 FND_TERMINAL_UNITS
 FND_TOKEN_SUBSTITUTIONS
 FND_ZOOMS
 FND_ZOOMS_TL
 FND_ZOOM_ACTION_DEFINITIONS
 FND_ZOOM_CONTEXTS
 FND_ZOOM_DEFINITIONS
 FND_ZOOM_DEFINITIONS_TL
 FND_ZOOM_VALUES

Changed Tables

Modified Table	Obsolete Column(s)	New Column(s)
FND_DOCUMENTS_TL	ATTRIBUTE1-15 ATTRIBUTE_CATEGORY TRANSLATED	
FND_DOCUMENT_CATEGORIES	APP_SOURCE_VERSION LANGUAGE USER_NAME	
FND_DOCUMENT_ENTITIES	DELETION_DB_TRIGGERS LANGUAGE TRANSLATED USER_ENTITY_NAME	

Modified Table	Obsolete Column(s)	New Column(s)
	USER_ENTITY_PROMPT	
FND_DOCUMENT_DATA-TYPES	TRANSLATED	SOURCE_LANG
FND_DOCUMENT_CATEGORIES_TL	TRANSLATED	SOURCE_LANG
FND_DOCUMENT_ENTITIES_TL	TRANSLATED	SOURCE_LANG
FND_CONCURRENT_PROGRAMS	DESCRIPTION DESCRIPTIVE_FLEX_ID USER_CONCURRENT_PROGRAM_NAME	OUTPUT_FILE_TYPE ENABLE_TRACE RESTART NLS_COMPLIANT ICON_NAME CD_PARAMETER
FND_CONCURRENT_QUEUES	DESCRIPTION	ENABLED_FLAG
FND_CONCURRENT_QUEUE_CONTENT	WEIGHT	
FND_CONCURRENT_REQUESTS		CRITICAL REQUEST_TYPE ORACLE_PROCESS_ID ORACLE_SESSION_ID OS_PROCESS_ID PRINT_JOB_ID OUTPUT_FILE_TYPE RELEASE_CLASS_APP_ID RELEASE_CLASS_ID STALE_DATE CANCEL_OR_HOLD NOTIFY_ON_PP_ERROR NLS_COMPLIANT CD_ID REQUEST_LIMIT CRM_RELEASE_DATE POST_REQUEST_STATUS

Modified Table	Obsolete Column(s)	New Column(s)
		COMPLETION_CODE INCREMENT_DATES RESTART ENABLE_TRACE
FND_EXECUTABLES	DESCRIPTION	ICON_NAME
FND_CONCURRENT_PRO- GRAMS_TL	TRANSLATED	SOURCE_LANG
FND_CONCUR- RENT_QUEUES_TL	TRANSLATED	SOURCE_LANG USER_CONCUR- RENT_QUEUE_NAME
FND_FLEXBUILDER_PA- RAMETERS	USER_PARAME- TER_NAME	
FND_FLEXBUILDER_PA- RAMS_TL	TRANSLATED	SOURCE_LANG
FND_DESCRIPTIVE_FLEXS	FORM_CON- TEXT_PROMPT TITLE	
FND_DESCR_FLEX_COL- UMN_USAGES	DESCRIPTION FORM_ABOVE_PROMPT FORM_LEFT_PROMPT	
FND_DESCR_FLEX_CON- TEXTS	DESCRIPTION	
FND_DE- SCRIPTIVE_FLEXS_TL	TRANSLATED	SOURCE_LANG
FND_DESCR_FLEX_COL_US AGE_TL	TRANSLATED	SOURCE_LANG
FND_DESCR_FLEX_CON- TEXTS_TL	TRANSLATED	SOURCE_LANG DE- SCRIPTIVE_FLEX_CON- TEXT_NAME
FND_FLEX_HIERARCHIES	DESCRIPTION HIERARCHY_NAME	
FND_FLEX_VALUES	DESCRIPTION	
FND_FLEX_VALUE_RULES	ERROR_MESSAGE	
FND_FLEX_HIERAR- CHIES_TL	TRANSLATED	SOURCE_LANG
FND_FLEX_VALUES_TL	FLEX_VALUE TRANSLATED	SOURCE_LANG

Modified Table	Obsolete Column(s)	New Column(s)
FND_FLEX_VALIDATION_RULES_TL	TRANSLATED	SOURCE_LANG
FND_FLEX_VALIDATION_RULES	ERROR_MESSAGE_TEXT	
FND_FLEX_VALIDATION_RULE_LINES	SEGMENT1_HIGH-SEGMENT30_HIGH SEGMENT1_LOW-SEGMENT30_LOW	
FND_ID_FLEX_SEGMENTS	DESCRIPTION FORM_ABOVE_PROMPT FORM_LEFT_PROMPT	
FND_ID_FLEX_STRUCTURES	DESCRIPTION ID_FLEX_STRUCTURE_NAME SHORTHAND_PROMPT	
FND_VALUE_ATTRIBUTES_TYPES	DESCRIPTION PROMPT	
FND_FLEX_VALIDATION_RULES_TL	TRANSLATED	SOURCE_LANG
FND_ID_FLEX_SEGMENTS_TL	TRANSLATED	SOURCE_LANG
FND_ID_FLEX_STRUCTURES_TL	TRANSLATED	SOURCE_LANG
FND_VAL_ATTRIBUTES_TL	TRANSLATED	SOURCE_LANG
FND_FOLDERS FND_DEFAULT_FOLDERS		LANGUAGE APPLICATION_ID
FND_FORM	DESCRIPTION USER_FORM_NAME USER_FORM_NAME_UPDATED	
FND_FORM_TL	TRANSLATED	SOURCE_LANG
FND_FORM_FUNCTIONS		WEB_ICON
FND_FORM_FUNCTIONS_TL	TRANSLATED	SOURCE_LANG
FND_ORACLE_USERID	CONCURRENT_CONFLICT_SET_ID CONFLICT_SET_APPLICATION_ID ORACLE_PASSWORD READ_ONLY_ORACLE_ID	

Modified Table	Obsolete Column(s)	New Column(s)
FND_MENUS_TL	TRANSLATED	SOURCE_LANG
FND_MENU_ENTRIES_TL	TRANSLATED	SOURCE_LANG
FND_APPLICATION	APPLICATION_ABBREV APPLICATION_NAME APPLICATION_PREFIX DEF_SPACE DESCRIPTION STATUS VERSION_NUM	
FND_APPLICATION_TL	TRANSLATED	SOURCE_LANG
FND_LOOKUP_VALUES		SOURCE_LANG
FND_CURRENCIES	DESCRIPTION NAME	GLOBAL_AT- TRIBUTE_CATEGORY GLOBAL_AT- TRIBUTE1-20 DERIVE_EFFECTIVE DERIVE_TYPE DERIVE_FACTOR
FND_LANGUAGES	DESCRIPTION LAN- GUAGE_SHORT_NAME	
FND_TERRITORIES	DESCRIPTION RADIX TERRITO- RY_SHORT_NAME THOUSANDS_SEPARATOR	
FND_CURRENCIES_TL	TRANSLATED	SOURCE_LANG
FND_LANGUAGES_TL	TRANSLATED	SOURCE_LANG
FND_TERRITORIES_TL	NLS_TERRITORY TRANSLATED	SOURCE_LANG SOURCE_LANG
FND_PROFILE_OPTIONS	DESCRIPTION USER_PROFILE_OP- TION_NAME	
FND_PROFILE_OPTIONS_TL	TRANSLATED	SOURCE_LANG
FND_PRINTER	DESCRIPTION	
FND_PRINTER_STYLES	USER_PRINT- ER_STYLE_NAME	
FND_PRINTER_TL	TRANSLATED	SOURCE_LANG

Modified Table	Obsolete Column(s)	New Column(s)
FND_PRINTER_STYLES_TL	TRANSLATED	SOURCE_LANG
FND_DATA_GROUP_UNITS	READ_ONLY_ORACLE_ID	
FND_RESPONSIBILITY	ACTION_APPLICATION_ID ACTION_ID DESCRIPTION FORCE_SINGLE_THREAD_FLAG FORM_APPLICATION_ID FORM_ID MENU_APPLICATION_ID RESPONSIBILITY_NAME RO_ORACLE_ID_ACCESS_FLAG SINGLE_THREAD_FLAG TERM_SECURITY_ENABLED_FLAG	RESPONSIBILITY_KEY
FND_USER	LOCAL_PRINTER PERSON_TYPE USER_PASSWORD	CUSTOMER_ID SUPPLIER_ID WEB_PASSWORD
FND_RESPONSIBILITY_TL	TRANSLATED	SOURCE_LANG
FND_DOCUMENT_SEQUENCES	GL_DATE	
FND_REQUEST_SETS	ABORT_FLAG ATTRIBUTE1-15 ATTRIBUTE_CATEGORY DESCRIPTION REQUEST_SET_TYPE_FLAG	START_STAGE ICON_NAME
FND_REQUEST_SET_PROGRAMS	LAST_SUBMISSION_DATE	REQUEST_SET_STAGE_ID CRITICAL
FND_RUN_REQUESTS	ATTRIBUTE1-100 SEQUENCE	ARGUMENT1-100 REQUEST_SET_PROGRAM_ID
FND_REQUEST_SETS_TL	REQUEST_SET_NAME TRANSLATED	USER_REQUEST_SET_NAME SOURCE_LANG

The following section lists database tables with resized columns.

Table Name	Column Name	New Size
FND_DOCUMENTS	APP_SOURCE_VERSION	VARCHAR2(50)
FND_DOCUMENTS_TL	LANGUAGE	VARCHAR2(4)
	APP_SOURCE_VERSION	VARCHAR2(50)
FND_DOCUMENTS_LONG_TEXT	APP_SOURCE_VERSION	VARCHAR2(50)
FND_DOCUMENTS_SHORT_TEXT	APP_SOURCE_VERSION	VARCHAR2(50)
FND_ATTACHED_DOCUMENTS	APP_SOURCE_VERSION	VARCHAR2(50)
FND_DOCUMENT_CATEGORIES_TL	LANGUAGE	VARCHAR2(4)
	APP_SOURCE_VERSION	VARCHAR2(50)
FND_DOCUMENT_ENTITIES_TL	LANGUAGE	VARCHAR2(4)
FND_EXECUTABLES	EXECUTION_FILE_NAME	VARCHAR2(61)
FND_CONCURRENT_PROGRAMS_TL	LANGUAGE	VARCHAR2(4)
FND_CONCURRENT_QUEUES_TL	LANGUAGE	VARCHAR2(4)
FND_FLEXBUILDER_ASSIGNMENTS	SEGMENT_PARAMETER_PAIRINGS	VARCHAR2(240)
FND_FLEXBUILDER_PARAMS_TL	LANGUAGE	VARCHAR2(4)
FND_DESCRIPTIVE_FLEXES_TL	LANGUAGE	VARCHAR2(4)
FND_DESCR_FLEX_COL_USAGE_TL	LANGUAGE	VARCHAR2(4)
FND_DESCR_FLEX_CONTEXTS_TL	LANGUAGE	VARCHAR2(4)
FND_FLEX_VALUES	FLEX_VALUE_SET_ID	NUMBER(10)
FND_FLEX_HIERARCHIES_TL	LANGUAGE	VARCHAR2(4)
FND_FLEX_VALUES_TL	LANGUAGE	VARCHAR2(4)
FND_FLEX_VALUE_RULES_TL	LANGUAGE	VARCHAR2(4)
FND_FLEX_VDA_TION_RULES_TL	LANGUAGE	VARCHAR2(4)
FND_ID_FLEX_SEGMENTS_TL	LANGUAGE	VARCHAR2(4)
FND_ID_FLEX_STRUCTURES_TL	LANGUAGE	VARCHAR2(4)
FND_VAL_ATTRIBUTE_TYPES_TL	LANGUAGE	VARCHAR2(4)
FND_FORM	LAST_UPDATED_BY	NUMBER(15)
FND_FORM_TL	LANGUAGE	VARCHAR2(4)

Table Name	Column Name	New Size
FND_FORM_FUNCTIONS_TL	LANGUAGE	VARCHAR2(4)
FND_ORACLE_USERID	LAST_UPDATED_BY	NUMBER(15)
FND_MENUS	LAST_UPDATE_LOGIN	NUMBER(15)
	CREATED_BY	NUMBER(15)
FND_MENUS_TL	LANGUAGE	VARCHAR2(4)
FND_MENU_ENTRIES	LAST_UPDATED_BY	NUMBER(15)
	LAST_UPDATE_LOGIN	NUMBER(15)
	CREATED_BY	NUMBER(15)
FND_MENU_ENTRIES_TL	LANGUAGE	VARCHAR2(4)
FND_APPLICATION	LAST_UPDATED_BY	NUMBER(15)
FND_APPLICATION_TL	LANGUAGE	VARCHAR2(4)
FND_TERRITORIES	LAST_UPDATED_BY	NUMBER(15)
FND_CURRENCIES_TL	CURRENCY_CODE	VARCHAR2(15)
	LANGUAGE	VARCHAR2(4)
FND_LANGUAGES_TL	LANGUAGE	VARCHAR2(4)
FND_TERRITORIES_TL	LANGUAGE	VARCHAR2(4)
FND_PROFILE_OPTION_VALUES	LAST_UPDATED_BY	NUMBER(15)
FND_PROFILE_OPTIONS_TL	LANGUAGE	VARCHAR2(4)
FND_PRINTER_TL	LANGUAGE	VARCHAR2(4)
FND_PRINTER_STYLES_TL	LANGUAGE	VARCHAR2(4)
FND_USER	USER_ID	NUMBER(15)
	LAST_UPDATED_BY	NUMBER(15)
FND_USER_RESPONSIBILITY	USER_ID	NUMBER(15)
	APPLICATION_ID	NUMBER(15)
	RESPONSIBILITY_ID	NUMBER(15)
	LAST_UPDATED_BY	NUMBER(15)
FND_RESPONSIBILITY_TL	LANGUAGE	VARCHAR2(4)
FND_DOC_SEQUENCE_CATEGORIES	APPLICATION_ID	NUMBER(15)
	LAST_UPDATED_BY	NUMBER(15)
FND_REQUEST_GROUPS	APPLICATION_ID	NUMBER(15)
	REQUEST_GROUP_ID	NUMBER(15)
FND_REQUEST_GROUP_UNITS	APPLICATION_ID	NUMBER(15)
	REQUEST_GROUP_ID	NUMBER(15)
	UNIT_APPLICATION_ID	NUMBER(15)

Table Name	Column Name	New Size
	REQUEST_UNIT_ID	NUMBER(15)
FND_REQUEST_SETS	REQUEST_SET_NAME	VARCHAR2(30)
	LAST_UPDATED_BY	NUMBER(15)
	CREATED_BY	NUMBER(15)
	LAST_UPDATE_LOGIN	NUMBER(15)
FND_REQUEST_SET_PRO-GRAMS	LAST_UPDATED_BY	NUMBER(15)
	CREATED_BY	NUMBER(15)
	LAST_UPDATE_LOGIN	NUMBER(15)
FND_REQUEST_SETS_TL	LANGUAGE	VARCHAR2(4)

New Views

Created to support the Multi-Language feature:

FND_EXECUTABLES_VL
 FND_EXECUTABLES_FORM_V
 FND_LOOKUP_VALUES_VL
 FND_STAGE_FN_PARAMETERS_VL

Created to support the new Submit Request and Request Sets windows:

FND_CONC_PP_TEMPLATES_VL
 FND_CONC_RELEASE_STATES_VL
 FND_CONC_RELEASE_CLASSES_VL
 FND_CONC_RELEASE_DISJS_VL
 FND_CONC_RELEASE_PERIODS_VL
 FND_CONC_STATE_LOOKUPS_VL
 FND_CONC_STATE_LOOKUP_TYPES_VL
 FND_CONC_REQ_SUMMARY_V
 FND_REQUEST_SET_STAGES_VL
 FND_REQ_SET_STAGES_FORM_V
 FND_REQ_SET_RUN_FORM_V

Created to support Workflow:

WF_NOTIFICATIONS_VIEW
 WF_NOTIFICATION_ATTR_RESP_V
 WF_ITEM_TYPES_VL
 WF_ITEM_ATTRIBUTES_VL

WF_LOOKUP_TYPES
WF_LOOKUPS
WF_ACTIVITIES_VL
WF_ACTIVITY_ATTRIBUTES_VL
WF_MESSAGES_VL
WF_MESSAGE_ATTRIBUTES_VL
WF_ITEM_ACTIVITY_STATUSES_V
WF_ITEMS_V
WF_RUNNABLE_PROCESSES_V
WF_LANGUAGES
WF_ROLES
WF_USERS
WF_USER_ROLES

Obsolete Views

FND_ACTION_EVENTS_VL
FND_APPLICATION_ALL_VIEW
FND_APPLICATION_UNKNOWN_VIEW
FND_CONCURRENT_QUEUE_REQUESTS
FND_CURRENCIES_ACTIVE_MONET_V
FND_CURRENCIES_ACTIVE_V
FND_CURRENCIES_ALL_V
FND_CURRENCY_VAL_V
FND_CURRENT_LANGUAGE_VIEW
FND_EU_TERRITORIES_VIEW
FND_FORM_ALL_VIEW
FND_HELP_VL
FND_MENU_ENTRY_VL
FND_MENU_VL
FND_NOTIFICATIONS_V
FND_NOTIFICATIONS_VIEW
FND_ORACLE_TOOL_VL
FND_REGRESSION_TESTS_ALL_VIEW
FND_REGRESS_SUITE_TESTS_VIEW
FND_TABLES_ALL_VIEW

FND_ZOOMS_VL
FND_ZOOM_DEFINITIONS_VL

New Indexes

The index FND_AUDIT_SCHEMAS_U1 on table FND_AUDIT_SCHEMAS references the following columns:

- **SCHEMA_ID**
- **ORACLE_ID**

The index FND_CONCURRENT_QUEUES_TL_U3 on table FND_CONCURRENT_QUEUES_TL references the following columns:

- **APPLICATION_ID**
- **USER_CONCURRENT_QUEUE_NAME**
- **LANGUAGE**

The index FND_DEFAULT_FOLDERS_N1 on table FND_DEFAULT_FOLDERS references the following columns:

- **OBJECT**
- **USER_ID**

The index FND_CURRENCIES_N1 on table FND_CURRENCIES references the following column:

- **DERIVE_TYPE**

The index FND_PERFORMANCE_TESTS_N1 on table FND_PERFORMANCE_TESTS references the following column:

- **TEST_DATE**

The index FND_UNSUCCESSFUL_LOGINS_N1 on table FND_UNSUCCESSFUL_LOGINS references the following columns:

- **USER_ID**
- **ATTEMPT_TIME**

Changed Indexes

The index FND_DOCUMENT_DATATYPES_U1 on table FND_DOCUMENT_DATATYPES has changed the order of the columns it references.

- old: DATATYPE_ID, NAME, LANGUAGE
- new: DATATYPE_ID, LANGUAGE, NAME

The index FND_ATTACHMENT_FUNCTIONS_N2 on table FND_ATTACHMENT_FUNCTIONS has changed the order of the columns it references.

- old: FUNCTION_ID, APPLICATION_ID
- new: APPLICATION_ID, FUNCTION_ID

The index FND_CONCURRENT_QUEUES_TL_N1 on table FND_CONCURRENT_QUEUES_TL has changed the name of one of its referenced columns.

- old: LANGUAGE, CONCURRENT_QUEUE_NAME
- new: LANGUAGE, USER_CONCURRENT_QUEUE_NAME

The index FND_FOLDERS_U2 on table FND_FOLDERS has added a column reference.

- old: OBJECT, CREATED_BY, NAME
- new: OBJECT, CREATED_BY, NAME, LANGUAGE

The index FND_RESPONSIBILITY_U2 on table FND_RESPONSIBILITY has changed the order of the columns it references as well as a column name.

- old: APPLICATION_ID, RESPONSIBILITY_NAME
- new: RESPONSIBILITY_KEY, APPLICATION_ID

The index FND_REQUEST_SET_PROGRAMS_U1 on table FND_REQUEST_SET_PROGRAMS has added a referenced column.

- old: SET_APPLICATION_ID, REQUEST_SET_ID, SEQUENCE
- new: SET_APPLICATION_ID, REQUEST_SET_ID, REQUEST_SET_STAGE_ID, SEQUENCE

The index FND_RUN_REQUESTS_U1 on table FND_RUN_REQUESTS has changed the columns it references.

- old: PARENT_REQUEST_ID, SEQUENCE
- new: PARENT_REQUEST_ID, REQUEST_SET_PROGRAM_ID, SET_APPLICATION_ID, REQUEST_SET_ID

The index FND_REQUEST_SETS_TL_N1 on table FND_REQUEST_SETS_TL has removed one of the columns it references.

- old: LANGUAGE, REQUEST_SET_NAME
- new: LANGUAGE

The index FND_REQUEST_SETS_TL_U2 on table FND_REQUEST_SETS_TL has changed the order of the columns it references.

- old: LANGUAGE, APPLICATION_ID, REQUEST_SET_NAME
- new: LANGUAGE, USER_REQUEST_SET_NAME, APPLICATION_ID

Profile Options

New Profile Options

Account Generator:Purge Runtime Data
Applications Web Agent
Attachment File Upload Directory
Concurrent:Active Request Limit
Concurrent:Attach URL
Concurrent:Collect Request Statistics
Concurrent:Show Requests Summary After Each Request Submission
Concurrent:URL Lifetime
Gateway User ID
Help System Base URL
Two Task
Viewer:Default Font Size
Viewer:PDF
Viewer:HTML

Obsolete Profile Options

10.7 Installed
AutoCommit
Calculator:Type
Concurrent:Directory for Copy
Disconnected Database
Flexfields:Clear Cache on Zoom
Language

Maximum Page Length
Menu Style
Message:Prompt for Explanation
Message:Shared Application
Printer:Type
QuickPick:AutoReduction
QuickPick:AutoSelect
Security by Terminal:Activate
Site Language
Who:Display Type
Zoom:Maximum Level

Release 10 SmartClient Features and Changes

This section contains an overview of the changes made to Oracle System Administrator for Release 10 SmartClient (10SC). It describes the features added or changed between Production Releases 1 and 15, as well as those that are new in Production Release 16.

New Features

Production Release 16

This section lists the enhancements made to between Release 10.7 and 10SC Production 16.

Table Registration API

With the change to the APPS schema for Release 10.6 and 10.7, the process of table registration has changed. You now register your custom application tables using a PL/SQL routine in the AD_DD package instead of a concurrent program. The concurrent program FNDFMRTC is now obsolete and is not included in Release 10.7.0.16 SC.

Production Releases 1–15

This section lists the enhancements made to Oracle System Administrator since it was included as a Release 10SC Production product in Production 1.

Date Entry

Uses a graphical representation of a calendar, which you click on to enter the desired date. Access the calendar in date fields by using the List Of Values icon or through the menu under Edit, List of Values.

Folders

Special blocks that allow you to:

- Display only the fields you are interested in.
- Arrange the fields to best meet your needs.
- Define query parameters to automatically call the records you need when opening the folder.
- Sort in any order relevant to your needs.

Toolbar

Provides a row of icons at the top of the Applications window that duplicates the most commonly used menu items.

Attachments

Use this feature to link non-structured data such as images, word processing documents, or video to application data.

Multiple windows

With the GUI version, each form is displayed in a separate window within the application, allowing you to display all elements of a business flow on the same screen. You do not have to complete data entry in one form before navigating to another. Each form can be committed independently.

Online Help

Help is now based on the functional flow of the task rather than the form's structure. When you select the task you want to perform, help provides a step-by-step description of the task. In addition, you can navigate to any part of the Help system instead of being confined to the help for a particular form.

Zoom and Customizing Oracle Applications

Use Zoom and the CUSTOM library to write custom extensions to Oracle Applications. Zoom logic can be invoked by a user from the Applications toolbar or menu.

Standard Date and Standard DateTime Value Set Format Types

Standard Date and Standard DateTime value set format types provide a standard format for storing dates and times compatible with NLS.

Network Test window

System Administrators can use the Network Test window to evaluate the performance of a network with Oracle Applications. Knowing the latency and bandwidth available lets you plan and modify your machine setup for the best performance.

Folder Administration window

System Administrators use the Folder Administration window to administer folders by assigning default folder definitions either to a specific user or to a responsibility. They can also manage folder definitions by assigning them to new owners, determining which folder definitions should be public (accessible by anyone), and setting the AutoQuery behavior of the folders.

Export

Use the Export feature to export records in a multi-row block of your form to a Microsoft Excel spreadsheet or to a tab-delimited flat file.

Function Security Reports

These reports document the structure of your 10SC menus. You can use them as hardcopy to document your customized menu structures before upgrading your Oracle Applications software.

Grants and Synonyms

The procedure for creating grants and synonyms for your tables in Release 10.6 and higher has changed from previous releases.

Querying Key Flexfields

Use the new user interface to query existing key flexfield combinations.

Transaction Managers

Transaction managers provide synchronous processing of particular requests from client machines. Each transaction manager can process only the programs contained in its program library, and only application developers using Oracle Application Object Library can register concurrent programs with a program library.

Viewing Reports from a PC

In Release 10SC, there are two methods of accessing saved concurrent request report or log files from a PC in order to view them with the new Oracle Applications Report File Viewer or with the word processor or editor of your choice. Depending on your database version, you can use the Report Review Agent to access reports, or you can directly NFS-mount the server directory.

Loaders

There are two new loader programs available to upload and download Oracle Applications user profile data between the database and flat files. The User Profile Loader moves Oracle Applications user profile information between database and text file representations. The User Profile Value Loader moves Oracle Applications user profile value information between database and text file representations.

Field-level Drill Down Indicator

Fields with the drill down capability are rendered with green text and underlining (similar to a hypertext link). Double-clicking on these fields opens a detail information window.

Server-side Accounting Flexfield Validation

Server-side Accounting Flexfield validation improves performance on a wide-area network. You can validate your accounting flexfields by setting the site level profile Flexfields:Validate on Server to Yes.

Database Objects

Oracle System Administrator includes the following database changes made since Release 10.7 of Oracle Applications. For more information about database objects, see the *Oracle Application Object Library Technical Reference Manual Update, Release 10.7*.

Production Release 16

The following database objects have been added, modified, or made obsolete between Release 10.7 and Release 10SC Production 16.

Modified Views

FND_DOC_CATEGORIES_ACTIVE_V1 was modified to include the new column APPLICATION_ID.

CHAPTER

29

Oracle Supplier Scheduling

This chapter lists the new features offered when you upgrade from Release 10 SmartClient to Release 11 of Oracle Supplier Scheduling and the changes made to modules, database objects, seed data, and profile options.

Release 11 Features and Changes

This section lists features added to Oracle Supplier Scheduling between Release 10SC Production 16 and Release 11 and describes changes made to database objects, seed data, and profile options for the same interval.

New Features

This section lists enhancements made to Oracle Supplier Scheduling between 10SC Production 16 and Release 11.

Electronic Schedule Communication

You can communicate planning and shipping schedules using standard EDI transactions

Schedules for Multiple Ship-to Organizations

Communicate forecast and firm requirements for multiple ship-to organizations on one planning schedule. Firm requirements and forecast information for the ship-to organizations specified in the scheduler's workbench are used to build a consolidated planning schedule.

Open Releases from Scheduler's Workbench

You can view source documents that contribute toward the requirements in a schedule. Also, you can open an approved blanket release in the Schedule Orders window, modify and reapprove it in the Releases window, and rebuild the schedule to reflect the modifications.

Supplier Scheduling Purge

We have modified the purge process to include Supplier Scheduling and CUM Management data.

AutoSchedule Exceptions Reporting

AutoSchedule exceptions reporting has been added to view the exceptions that are encountered during the AutoSchedule process.

Modules

Changed Windows

The Build Supplier Schedules window was changed to support schedules for multiple ship-to organizations. The Schedule Orders window was changed to support opening releases.

Database Objects

The following database objects were added, changed, or made obsolete between Release 10SC Production 16 and Release 11.

New Tables

Created to support schedule purge:

- CHV_HISTORY_SCHEDULES
- CHV_HISTORY_CUM_PERIODS

- CHV_PURGE_CUM_LIST
- CHV_PURGE_SCHEDULE_LIST

Changed Tables

The ITEM_PURGE_STATUS column was added to to support schedule purge.

Changed Views

The ITEM_PURGE_STATUS column was added to CHV_SCHEDULE_ITEMS_V to support schedule purge.

New Indexes

Created to support schedule purge:

- CHV_HISTORY_SCHEDULES_N1
- CHV_HISTORY_SCHEDULES_N2
- CHV_HISTORY_SCHEDULES_N3
- CHV_HISTORY_CUM_PERIODS_N1
- CHV_PURGE_CUM_LIST_U1
- CHV_PURGE_SCHEDULE_LIST

Seed Data

The following seed data was added or changed between Release 16 and Release 11.

Menus

The Supplier Scheduling Superuser menu contains these Subfunctions to enable function security for the supplier scheduling workbench:

- Open Releases
- Confirm Schedules
- Confirm Items
- Build Schedules
- Rebuild Item



Oracle Work in Process

This chapter lists the new features offered when you upgrade from Release 10.7 to Release 11 of Oracle Work in Process and the changes made to modules, database objects, seed data, and profile options.

This chapter is divided into two sections: one for Release 11 features and changes and one for Release 10 SmartClient features and changes. Refer to the following table to see which part(s) of the new features or changes topics apply to your upgrade:

<i>If you are upgrading from...</i>	<i>Refer to these sections...</i>
10.7 Character-mode	Release 11 10SC Production 16 10SC Production 1-15
10.7 GUI Production 16	Release 11

Release 11 Features and Changes

This section lists new features added to Oracle Work in Process between Release 10SC Production 16 and Release 11 and describes the changes

made to database objects, seed data, and profile options for the same interval.

New Features

Enhancements made between 10SC Production 16 and Release 11:

Project Manufacturing

Define, track, and cost job assemblies by project or by project and task. Projects and tasks are set up in Oracle Projects.

Manufacturing Average Costing

Cost items at a weighted average perpetual cost. To learn more about setting up average costing, see the Average Costing chapter in the *Oracle Cost Management User's Guide, Release 11*.

Work Order-less Completions

Complete assemblies without having to create a job or schedule. Work order-less completions do all of the following in one simple step:

- Backflush pull and push components
- Charge resources and overhead based on the routing
- Complete assemblies to a designated completion subinventory/locator

Component requirements for work order-less completions are determined by the assembly bill. You can optionally add components not on the assembly bill and delete components that are on the assembly bill. You can also specify lot/serial information for components under lot, serial, or lot and serial number control.

Saving Simulated Discrete Jobs

Save the jobs you simulate to determine anticipated material and resource requirements. You no longer need to redefine simulated jobs in the Discrete Jobs window.

Component Available to Promise (ATP) Information

View the ATP component status information of discrete job component requirements as you simulate, define, and view jobs. In prior releases,

you could view the current on-hand quantities of components but these quantities did not include quantities allocated to outstanding jobs and schedules.

Viewing Job Details as Jobs Are Defined

View job details — material requirements, operations, and resource requirements — as you define and update jobs. You no longer need to use the View Discrete Jobs window to view the details of a job.

Viewing Pending Job Transactions

Use the Transaction Summary window to view pending discrete job transactions which might prohibit you from closing, purging, or changing the status of a job. In previous releases, you were warned that pending transactions existed but no indication of what the problem was — outstanding material transactions, resource transactions, or PO requisitions — was given. This window can be invoked using the Special Menu from the Discrete Jobs, View Discrete Jobs, Close Discrete Jobs, and Purge Discrete Jobs windows.

Folder Technology in Discrete Jobs Window

The Discrete Jobs Summary window is a folder block. It can be customized to exclude fields that are not required.

Enhanced Restrictions for Outside Processing Resources

You can no longer delete outside processing operations or resources at those operations if a purchase requisition or a PO has been created.

WIP Scheduling Interface

Schedule discrete jobs at the operation or resource level through the WIP scheduling interface.

Material Transaction Processing Enhancements

These enhancements make WIP Material Transaction processing from the WIP Material Transactions window more flexible and intuitive:

- Issue components from a specific supply subinventory. Specifying which subinventory to issue from is convenient when assembly components have different subinventories and these subinventories are controlled by different users.

- Specify one or several criteria — Assembly Quantity, Operation Sequence, or Department, Supply Subinventory — in any combination when issuing material using the *All Components* option.
- Specify one or several criteria transaction criteria in any combination — Assembly Quantity, Operation Sequence, or Department, Supply Subinventory — when replenishing supply subinventories.
- Optionally select a supply subinventory/locator selection in the WIP Material Transaction window when issuing or returning material. These fields were required in previous releases. Supply subinventories and locators, if required by the subinventory, are still required when replenishing supply subinventories.
- A change to the transaction quantity no longer clears the values in the subinventory/locator fields.

Modules

Changed Reports and Processes

The WIP Account Distribution Report can be printed by currency and exchange rate.

Note: The Discrete Job Value Report – Average Costing was introduced as a feature of Oracle Cost Management in 10SC Production 16.1.

New Windows

- Work Order-less Completions and Components
- Transaction Summary

Changed Windows

- Completion Transactions

If your organization is an average costing organization, the Final Complete check box is displayed.

- Discrete Jobs and Discrete Jobs Summary

In addition to the Discrete Jobs/Discrete Jobs Summary window enhancements, two new fields — the completion cost source and cost type fields — are displayed in the Discrete Jobs windows, but

only if your organization is an average costing organization. The values for these fields default from the WIP Parameters window.

- Material Requirements (See New Features)
- Simulate Discrete Jobs (See New Features)
- WIP Parameters

If your organization is an average costing organization, the Default Completion Cost Source, System Option, Cost Type, and Auto Compute Final Completion parameters are displayed.

The Component ATP Rule parameter, which was added to support the new View Component ATP Information functionality, is displayed in all organizations.

- WIP Accounting Classes

If your current organization uses average costing, the Completion Cost Source and Cost Type are displayed. The values for these fields default from the WIP Parameters window.

New Security Function

- *Completion Transactions: No Final Completions*

The ALLOW_FINAL_COMPLETIONS security function supports average costing functionality. It allow you to enable or disable final completions from the Completion Transactions window.

Database Objects

The following database objects were added, changed, or made obsolete between 10SC Production Release 16 and Release 11.

New Tables

Created to support work order-less completions:

- WIP_FLOW_SCHEDULES

Created to support the WIP Scheduling Interface:

- WIP_SCHEDULING_INTERFACE

Created to support default WIP accounting classes for categories:

- WIP_DEF_CAT_ACC_CLASSES

Changed Tables

The following changes support enhanced resource cost calculations for completion transactions in average costing organizations.

WIP_ACCOUNTING_CLASSES	
New Column	SYSTEM_OPTION_ID

WIP_PARAMETERS	
New Column	SYSTEM_OPTION_ID

The following changes enable European customers to implement custom solutions for periodic average costing.

WIP_ACCOUNTING_CLASSES	
New Columns	BRIDGE_ACCOUNT
	EXPENSE_ACCOUNT

The following changes were made because of changes in project manufacturing:

WIP_DISCRETE_JOBS	
Obsolete Column	PROJECT_COSTED

WIP_JOB_SCHEDULE_INTERFACE	
Obsolete Column	PROJECT_COSTED

The following changes accommodate changes in the WIP Mass Load Program. (The WIP Mass Load program is launched using the Import Jobs and Schedules window.)

WIP_JOB_SCHEDULE_INTERFACE	
Obsolete Columns	OLD_START_QUANTITY
	LOT_CONTROL_CODE
	ERROR
	OLD_STATUS_TYPE

WIP_JOB_SCHEDULE_INTERFACE	
	PROCESS_TYPE
	OLD_COMPLETION_DATE

The following changes support functionality planned future releases.

WIP_LINES	
New Column	SCHEDULING_METHOD_ID

The following changes support the online capacity planning feature added in Oracle MRP/Master Scheduling and Oracle Supply Chain Planning.

WIP_LINES	
New Column	EXCEPTION_SET_NAME

The following changes support viewing job component item ATP information.

WIP_PARAMETERS	
New Column	COMPONENT_ATP_RULE_ID

The following changes extend the available to promise functionality to include capable to promise (CTP).

WIP_LINES	
New Column	ATP_RULE_ID

The following changes support work order-less completions.

WIP_TRANSACTIONS	
New Columns	COMPLETION_TRANSACTION_ID

WIP_COST_TXN_INTERFACE	
New Columns	COMPLETION_TRANSACTION_ID

Obsolete Tables

Removed because short text comments. Instructions are now stored using AOL attachments technology.

- WIP_COMMENT_CODES
- WIP_ENTITY_COMMENTS
- WIP_OPERATION_INSTRUCTIONS

Note: The information previously stored in these tables is now stored in the FND_DOCUMENTS_SHORT_TEXT and FND_ATTACHED_DOCUMENTS tables and can be accessed using the FND_DOCUMENTS_VL and FND_DOCUMENT_CATEGORIES views.

New Views

WIP_DEF_CAT_ACC_CLASSES_V was added to support default WIP accounting classes for categories.

WIP_FLOW_SCHEDULES_V was added to support work order-less completions.

WIP_SCHEDULING_ERRORS_V was added to support the WIP Scheduling Interface.

These views were added to support changes in attachments technology. These views were added to support WIP reports that previously used the tables of the same name which are now obsolete:

- WIP_OPERATION_INSTRUCTIONS_V
- WIP_COMMENT_CODES_V
- WIP_ENTITY_COMMENTS_V

Note: These views read the FND tables. Future releases will not use these views and will instead directly use the FND tables.

Changed Views

Changed to reflect table changes:

- WIP_OPEN_DISCRETE_JOBS_VAL_V
- WIP_PARAMETERS_V
- WIP_MOVE_TRANSACTIONS_V

The following view definitions were changed:

- WIP_REQUIREMENT_OPS_INS_V

- WIP_JOB_SCHEDULE_INTERFACE_V
- WIP_OPERATION_RESOURCES_INQ_V
- WIP_REPETITIVE_SCHEDULE_V
- WIP_TRANSACTIONS_V

New Indexes

- WIP_COST_TXN_INTERFACE_N2
- WIP_DEF_CAT_ACC_CLASSES_U1
- WIP_DISCRETE_JOBS_N7
- WIP_DISCRETE_JOBS_N8
- WIP_MOVE_TXN_ALLOCATIONS_U2
- WIP_TXN_ALLOCATIONS_U2

New Triggers

Added to support work order-less completions:

- WIP_FLOW_SCHEDULES_BRI
- WIP_FLOW_SCHEDULES_ARD

Added to support project jobs:

- WIP_DISCRETE_JOBS_T4
- WIP_DISCRETE_JOBS_T5

Obsoleted Triggers

- WIP_OP_INS
- WIP_EC_INS
- WIP_CC_INS

New Procedure

LOAD_INTERFACE contained in the WIP_SCHEDULING package.

Seed Data

New List of Values (QuickCodes)

Added to support work order-less completions functionality:

- WIP_FLOW_FORM_DEFAULT
- WIP_FLOW_SCHEDULE_STATUS
- WIP_SUBSTITUTION_TYPE

Added to support functionality in a future release:

- WIP_MOVE_TXN_QTY_DEFAULT_TYPE

Added to support the WIP scheduling interface:

- WIP_SCHEDULING_LEVEL

Changed List of Values (QuickCodes)

Added to the WIP_REP_SRW_SORT lookup to support the build sequencing functionality added in 10SC Production Release 16:

Lookup Code	Lookup Meaning
14	Schedule Group. Build Sequence

Added to the WIP_ENTITY lookup to support work order-less completions functionality:

Lookup Code	Lookup Meaning
4	Work Order-less Schedule

The following lookup code and meaning in the WIP_PURGE_REPORT_TYPE lookup is obsolete.

Lookup Code	Lookup Meaning
4	None

The meanings of the following lookup types have been changed.

Lookup Type	Lookup Code	Old Lookup Meaning	New Lookup Meaning
WIP_LOAD_TYPE	3	Create Standard Discrete Job	Create Standard Job
WIP_LOAD_TYPE	3	Reschedule Discrete Job	Update Discrete Job
WIP_LOAD_TYPE	3	Create Non-Standard Discrete Job	Create Non-Standard Job
WIP_SUPPLY	2	Assembly pull	Assembly Pull
WIP_SUPPLY	3	Operation pull	Operation Pull
WIP_SUPPLY	5	Based on bill	Based on Bill
WIP_SUPPLY_PICK	5	Vendor	Supplier
WIP_SUPPLY_SHORT	5	Vendor	Supplier

Obsolete List of Values (QuickCodes)

- WIP_LOAD_TYPE_10SC
- WIP_SUPPLY_10SC
- WIP_JOB_STATUS_10SC

Profile Options

The following profile options were added, modified, or made obsolete between Release 10SC Production 16 and Release 11.

New Profile Options

- *TP:WIP:Background Shop Floor Material Processing*
Determines how shop floor material transactions are processed. This profile option is predefined as None upon installation and is updatable at all levels.
- *TP:WIP:Work Order-less Default Completion*
Added to support functionality planned for a future release.

Production Release 10SC Features and Changes

This section lists features added between Release 10.7 and 10SC Production Release 16.1 and describes changes made to database objects, seed data, and profile options for the same interval.

New Features

The new features are divided by the release levels from Production 1 –15 to Production 16.1. Release levels with no new features are not listed.

10SC Production Release 16

This section lists the enhancements that have been made to Oracle Work in Process between Release 10.7 and 10SC Production 16.

Build Sequencing (Beta)

Discrete manufacturing production can now be sequenced. This is done by grouping discrete jobs into schedule groups then sequencing jobs within these groups.

For example, in the automotive industry most assemble-to-order items are sequenced for shipment to the supplier's trading partner directly from the shop floor. However, shipment sequencing may be potentially at odds with how the product is launched and built on the shop floor. Consequently, you may need to completely reverse the build sequence so that jobs are properly sequenced for shipment and can be efficiently loaded onto the truck.

Note: Build Sequencing is being introduced in this release with Oracle Automotive, a Beta product.

WIP Project Manufacturing (Beta)

To support WIP Project Manufacturing functionality in a future release, new fields have been added to several windows:

Window	Fields added
Discrete Jobs	Project, Task, and Project Costed check box

Window	Fields added
Viewing Resource Transactions	Project and Task
Processing Pending Resource Transactions	Project and Task

To support WIP Weighted Average Costing functionality in a future release, new fields have been added to several windows:

Window	Fields added
WIP Parameters	Default Completion Cost Source, Cost Type, and Auto Compute Final Completion check box
WIP Accounting Classes	Completion Cost Source and Cost Type fields
Completion Transactions	Final Complete check box

Note: Fields relevant to WIP Weighted Average Costing may appear on certain windows in Oracle Work in Process Release 10.7.0.16. Their functionality will be documented as they are made available.

Enhanced Job and Schedule Import Capabilities

The ability to create and update discrete jobs and to create repetitive schedules through importing has been improved. Specific improvements include:

- New columns in the Open Job and Schedule Interface Table
- New Pending Jobs and Schedules window
- New Job and Schedule Interface Report

In addition, the WIP Mass Load program — the program launched from the Import Jobs and Schedules window — has been revised to support and validate all new and existing table columns. It now also uses more flexible logic for creating and updating discrete jobs and repetitive schedules. For example, you can now create and update discrete jobs using fixed and variable lead times to schedule operations even if a routing exists for the job assembly. You can also forward and backward schedule discrete jobs by manually setting start and completion dates even if a routing exists.

Enhanced Job and Schedule Purge

You can now purge all information, including header records, associated with discrete jobs and repetitive schedules. Purging all information associated with discrete job and schedules can improve system performance. An added benefit of purging all repetitive schedule information is that you can delete obsolete repetitive line/assembly associations once this information is purged.

Outside Processing Resource Enhancements

Several changes have been made to improve the handling of the outside processing resources including:

- **Creating Purchase Requisitions at the First Operation**

When you release discrete jobs and repetitive schedules that have PO Move or PO Receipt resources assigned to their first operation, purchase requisitions are automatically created for these resources.

- **Changing the Status of Jobs and Repetitive Schedules with Outside Processing Resources**

You can no longer change to Unreleased the status of a discrete job or repetitive schedule that is linked to a purchase requisition or purchase order for an outside processing resource. This helps to maintain the integrity and traceability of your outside processing resources.

- **Restricting Moves from Outside Processing Operations**

You can define a WIP parameter that disallows moves from the Queue intraoperation step of an outside processing operation unless the move transaction is launched by the receipt of a purchase order.

Return and Move Transactions

You can return assemblies to the shop floor and move them to a specific operation using a move transaction. Before this release, you had to first return the assemblies to the To Move intraoperation step of the last operation with a completion transaction, then move them to a specific operation with a move transaction.

Expense Subinventory Transactions

If you set the new Oracle Inventory Allow Expense to Asset Transfer profile option to Yes, you can use expense subinventories as you do the following in Oracle Work in Process:

- Define completion subinventories in the Discrete Jobs window
- Define completion subinventories as you associate lines and assemblies using the Repetitive Line/Assembly window
- Select a supply subinventory as you add or update material requirements using the Material Requirements window
- Select a supply subinventory as you issue, return, or replenish components using the WIP Material Transactions window
- Select a completion subinventory as you complete or return assemblies using the Completion Transactions window
- Define the Default Supply Subinventory parameter using the WIP Parameters window

Move Transaction Integration with Oracle Quality

The Quality button appears in the Special Menu and on the button bar. Note that it appears even if Oracle Quality is not installed. It is, however, only enabled in the Move Transactions window and then only if there is at least one collection plan in Oracle Quality that is associated with Oracle Work in Process Move Transactions.

Enhanced Restrictions on Moving Assemblies

Prevent moves over intraoperation steps that have a No Move shop floor status by setting the new WIP Allow Moves Over No Move Shop Floor Statuses parameter to off. Before this enhancement you had to specifically move assemblies into intraoperation steps that had No Move statuses.

Modules

Enhancements made between 10SC Production 16 and Release 11:

New Windows

- Purge Discrete Jobs (Form)

Added with the job and schedule purge enhancements. You can use this new window to purge all discrete job information

- Pending Job and Schedules

Added with the load job/schedule enhancements. Use this window to view, update, delete, or resubmit records (rows) that have failed validation and remain in the Open Job and Schedule Interface (WIP_JOB_SCHEDULE_INTERFACE) table. Also use it to view the error messages associated with failed records

- Purge Repetitive Schedules (Form)

Added with the job and schedule purge enhancements. You can use this new window to purge all repetitive schedule information.

- Schedule Groups

Added with the build sequencing modifications. The Schedule Groups window is used to define schedule groups.

Changed Windows

- Discrete Jobs

Modified with build sequencing modifications. You can use the new schedule group and build sequence fields in this window to group jobs and then sequence jobs within those groups. You can also indicate which production line a discrete job is to be built on.

- Move Transactions

Modified with the introduction of return and move transactions. You can choose one of three types of move transactions — Return (Return and move), Complete (Move and complete), or Move (Move only) — as you move assemblies.

- Pending Move Transactions

Modified with the introduction of the new Return transaction type and consequent changes to the Open Move Transaction Interface to support this transaction type. A list of move transaction types has replaced the Complete check box which was previously used to indicate whether the transaction was a Move and complete or a Move only transaction

- Purge Jobs and Schedule

Modified with the job and schedule purge enhancements. You can use this window to purge discrete job and repetitive schedule headers in addition to job/schedule details, resource and move

transaction information, and job related ATO configuration information.

- **WIP Parameters**

Modified with the enhanced restrictions on moving assemblies and the enhanced restriction on moving assemblies from outside processing operations. You can implement these restrictions by setting the new parameters — Shop Floor Status for PO Move Resources Parameter and Allow Moves Over No Move Shop Floor Statuses — in this window.

New Security Functions

- *Move Transactions: Allow Skipping Over No Move Statuses*

The WIP_WIPTXSFM_OVERRIDE_NO_MOVE_NO_SKIP security function determines whether you can override No Move shop floor statuses when performing a move transaction. If the WIP Allow Moves Over No Move Shop Floor Statuses parameter is set to No, and this function security parameter is set to Y, you can move assemblies over No Move shop floor statuses.

New Programs

The concurrent WIP Mass Load program (WICMLP), which is launched from the Import Jobs and Schedules window, was added as a part of the job and schedule import capability enhancements.

New Reports

The Schedule Groups Listing report lists all information for schedule groups and build sequences within those schedule groups.

The Job and Schedule Interface Report is automatically submitted when the Import Jobs and Schedules program is used to launch the WIP Mass Load program.

The Purge Report is printed when you submit a request to purge discrete jobs, purge repetitive schedules, or both using the Purge Discrete Jobs, Purge Repetitive Schedules, and Purge Jobs and Schedules windows respectively.

Changed Reports

The Discrete Job Data report can be printed by Schedule Group From/To and sorted by Job or Schedule Group/Build Sequence. It includes new information — Schedule Group, Build Sequence, and Line.

The Discrete Job Dispatch Report can be printed by Schedule Group. Build Sequence information prints on the report.

The Discrete Job Listing report can be printed by Schedule Group From/To. It includes Schedule Group and Build Sequence information.

The Discrete Job Pick List report can be printed by Schedule Group From/To. It includes Build Sequence and Schedule Group information.

The Discrete Job Routing Sheet can be printed by Schedule Group From/To and sorted by Job or Schedule Group/Build Sequence. It includes new information — Schedule Group, Build Sequence, and Line.

The Discrete Job Shortage Report can be printed by Schedule Group and sorted by Job or Schedule Group/Build Sequence. It includes new information — Build Sequence and Schedule Group.

The Job and Schedule Interface Report has replaced the Mass Interface Status Report.

The column headings in the Discrete Job Value Report have been changed. In the Completions and other Transactions section of the report, the Transaction Type column heading has been changed to Transaction Action. In the Period-To-Date Summary and Cumulative-To-Date Summary section, the Period Activity column heading has been changed to Net Activity.

The column headings in the Expense Job Value Report have been changed. In the Completions and other Transactions section of the report, the Transaction Type column heading has been changed to Transaction Action. In the Period-To-Date Summary and Cumulative-To-Date Summary section, the Period Activity column heading has been changed to Net Activity.

The column headings in the Repetitive Value Report have been changed. In the Completions and other Transactions section of the report, the Transaction Type column heading has been changed to Transaction Action. In the Account Summary section, the Period Activity column heading has been changed to Net Activity.

The column headings in the WIP Value Report have been changed. In the Completions and other Transactions section, the Transaction Type column heading has been changed to Transaction Action.

This section lists enhancements made to Oracle Work in Process since it was included as a Release 10SC Production product in Production 8.

Improved Visibility of Information

Discrete job and repetitive schedule information can be viewed in more flexible ways. For example:

- View detail information — material requirements, resource requirements, and operations — for one or several jobs or for one or several repetitive schedules at the same time.
- View all job and schedule material requirements for a particular day, a particular department, or a particular day and department.
- View repetitive schedules that are building a specific assembly, that are being built on a specific line, or both.
- View line/assembly associations that are specific to an assembly, to a line, or both.

Mass Change Job and Schedule Statuses

The statuses of discrete jobs and repetitive schedules can be changed in mass. Use this capability for a variety of purposes such as releasing jobs and schedules to production or putting jobs and schedules on hold.

Unclose Jobs and Resubmit Job Close Requests

Discrete jobs closed in error can be unclosed. You can also view and resubmit job close requests that have failed to process.

Streamlined Job Rescheduling

Discrete jobs can be manually and midpoint rescheduled from the Operations window. A separate form/window is no longer required.

Transact By Sales Order Number

Material, completion, move, and resource transactions can be performed based on sales order rather than job. This is particularly useful in an ATO environment where a job name may or may not have meaning.

Environment Specific Transaction First Field

Four new profile options were added to control which field — sales order, job, line, or assembly — you are prompted to enter first when performing material, completion, move, and resource transactions. For example, if your manufacturing environment is solely discrete, you can specify that Job be the first field for all transactions. The same first field is not required for all four types of transactions.

By-product Issues and Returns

Two new types of material transactions — negative material issues and negative material returns — were added to facilitate the transaction of by-product components. By-products components are those components that can be recovered or reused and appear on bills of material as negative requirements.

User-Defined Transaction Types

Transaction types defined in Oracle Inventory can be used when performing completion and material transaction in Work in Process. The names that are associated with user-defined transaction types can simplify transaction entry.

Scrapping Assemblies By Alias or Account Number

Aliases for general ledger account numbers can be defined in Oracle Inventory. If a scrap account must be entered when scrapping assemblies in Work in Process, the alias for the scrap account can be entered instead of the account number itself. Scrap account aliases simplify the transaction entry process.

Transact Manual Resources

Manual resources can be transacted independently of move transactions using the new Resource Transaction window. The introduction of this new window also makes it possible to set function security to disallow manual resource transactions from the Move Transactions window.

Process Online Transactions at the Server

Work in Process transactions that can be processed online can be processed online at the server instead of at the client. Server side online processing is implemented by setting the appropriate WIP transaction processing profile option or options — Completion Material Processing,

Completion Transactions, Material Transaction Form, Move Transactions, Operation Backflush Setup, and Shop Floor Material Processing profile options — to Online processing and setting the Oracle Inventory *TP:Server Side Online Processing* profile option to Yes.

View Job Lot Compositions Graphically

Job lot compositions can be graphically viewed using Oracle Object Navigator. You can graphically view the attributes of your lots and "drill down" to view multilevel genealogy compositions for a job or lot. You can also print graphical representations of lot composition.

Allow or Disallow Move Completions

Move completion transactions from the Move Transactions window can be disallowed using function security.

Print Reports for Current Jobs or Schedules

Selected reports can be printed for active or current discrete jobs from the Discrete Jobs, Close Discrete Jobs, Purge Discrete Jobs, and View Discrete Jobs windows. Selected reports can also be printed for active or current repetitive schedules from the Repetitive Schedules, Purge Repetitive Schedules, and View Repetitive Schedules windows.

The following reports can be printed for active discrete jobs by choosing the Print Reports option from the Special Menu:

- Discrete Job Pick List Report
- Discrete Job Routing Sheet
- Discrete Job Shortage Report

The following reports can be printed for active repetitive schedules by choosing the Print Reports option from the Special Menu:

- Repetitive Routing Sheet
- Repetitive Pick List Report
- Repetitive Line Report
- Repetitive Schedule Shortage Report
- Repetitive Schedule Data Report

Custom Folders

Custom folders for transaction entry can be created for the WIP Material Transactions and Backflush Transactions windows. Folders can be used

to display or hide certain fields and to arrange the order of fields within a window.

Database Objects

The following changes were made since Release 10.7. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

10SC Production Release 16

The following database objects were added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Tables

WIP_SCHEDULING_INTERFACE was created to support the enhanced job and schedule import capabilities added in Production 16.

Changed Tables

The following changes support Oracle Project Manufacturing.

WIP_DISCRETE_JOBS	
New Column	PROJECT_COSTED
WIP_JOB_SCHEDULE_INTERFACE	
New Column	PROJECT_COSTED

Note: PROJECT_COSTED columns were removed in Release 11.

These changes support the move transaction integration with Oracle Quality.

WIP_MOVE_TRANSACTIONS	
New Column	QA_COLLECTION_ID
WIP_MOVE_TXN_INTERFACE	
New Column	QA_COLLECTION_ID

The following changes support enhanced restrictions on moving assemblies.

WIP_PARAMETERS	
New Column	MOVES_OVER_NO_MOVE_STATUSES

The following changes made support enhanced job and schedule import capabilities.

WIP_JOB_SCHEDULE_INTERFACE	
New Columns	LAST_UPDATED_BY_NAME
	CREATED_BY_NAME
	SOURCE_CODE
	SOURCE_LINE_ID
	ORGANIZATION_CODE
	FIRST_UNIT_START_DATE
	FIRST_UNIT_COMPLETION_DATE
	LAST_UNIT_START_DATE
	SCHEDULING_METHOD
	LINE_ID
	LINE_CODE
	ROUTING_REVISION
	BOM_REVISION
	COMPLETION_SUBINVENTORY
	COMPLETION_LOCATOR_ID
	COMPLETION_LOCATOR_SEGMENTS
	LOT_NUMBER
	DESCRIPTION
	FIRM_PLANNED_FLAG
	SCHEDULE_GROUP_ID
	SCHEDULE_GROUP_NAME
	BUILD_SEQUENCE

WIP_JOB_SCHEDULE_INTERFACE	
	PROJECT_ID
	PROJECT_NUMBER
	TASK_ID
	TASK_NUMBER
	NET_QUANTITY

New View

The WIP_SCHEDULING_ERRORS_V was created to support the enhanced job and schedule import capabilities added in Production 16.

Changed Views

The following views were changed to reflect table changes:

- WIP_DISCRETE_JOBS_V
- WIP_JOB_SCHEDULE_INTERFACE_V
- WIP_MOVE_TXN_INTERFACE_V
- WIP_PARAMETERS_V
- WIP_TRANSACTIONS_V

New Indexes

- WIP_MOVE_TXN_ALLOCATIONS_U2
- WIP_TXN_ALLOCATIONS_U2
- WIP_SCHEDULING_INTERFACE_N1

Profile Options

The following profile options were added, changed, or made obsolete between Release 10.7 and 10SC Production 16.

New Profile Options

- *TP:WIP:Move Transaction Quantity Default*

Specifies if and how move transaction quantities are defaulted. The options are None (do not default), Minimum Transfer Quantity, or Available Quantity. This profile option is predefined as None upon installation and is updatable at all levels.

- *WIP:Default Job Start Date*

Specifies whether the start date for jobs defaults to the current date and time or not at all when defining jobs in the Discrete Jobs window. This profile option is predefined as No upon installation and is updatable at all levels.

- *WIP:Job Name Updatable*

Specifies whether you can update the names of existing jobs. The options are Yes or No. This profile is predefined as Yes upon installation and is updatable at the site level only.

Oracle Workflow

This chapter lists the new features included in Release 11 and Release 10.7/Release 10 SmartClient of Oracle workflow.

Note: The list of changes made to Oracle Workflow database objects and seed data are documented in the Oracle System Administrator chapter.

Release 11 Features and Changes

This section lists features added to or changed in Oracle Workflow between Release 10SC Production 16.1 and Release 11.

New Features

This section lists enhancements made since Release 10SC Production 16.1.

Multilingual Support

New tables and views have been added to the data model for multi-lingual support. In addition, a new language-specific subdirectory is included beneath the *res* subdirectory of the \$FND_TOP filesystem. A script called WFNLADD is provided to add missing language-specific rows to all workflow translation tables (WF_XXX..._TL).

Complex Document Reference

Reference in a workflow process, complex documents generated by a PL/SQL procedure. The document can be displayed in-line in the text of the Notification Web page or an E-mail notification.

Item Type Callback Function

Now extended to be a general purpose item type callback function. The function provides a means for running item type-specific logic during engine execution of a process. The function follows a standard prototype and accepts one of three possible command arguments that determines when and how it should execute. The arguments are RUN (selects the process to run), SET_CTX (sets context in a database session before executing an activity), and TEST_CTX (tests database session context before launching a reference form from the Notification Viewer form).

Automatic Notification Handling

Define rules to automatically handle your notifications if you have a planned absence. You can define these rules in the new Notifications Routing Web page.

Dynamic Priority for Notifications

In earlier releases of Oracle Workflow, the priority of a notification was defined by the notification message's properties. All notifications that deliver the same message have the same priority. Now in Release 11, you can define a notification activity to have a dynamic priority by creating a special notification activity attribute named '#PRIORITY'. If such an attribute exists, its value becomes the priority of the message sent by the notification activity.

New Workflow Home Page

Rather than memorize or create bookmarks for all the various URLs (Universal Resource Locators) that connect to Oracle Workflow's web-based features, you can now access a new web page that centralizes the links to those features.

New Attribute Types: Role and Item Attribute

Two new attribute types are supported in Oracle Workflow: role and item attribute. Use role-type attributes to store the names of participants

in a workflow process. Use item attribute-type attributes to store references to other item attributes in a process.

New WF_ENGINE.SetItemUserKey API

Use to associate a user-friendly key to a item so that it can be easily located in tools such as the Workflow Monitor.

New WF_ENGINE.GetActivityLabel API

Use to return the instance label of an activity, given its internal ID. The instance label is suitable for passing to other public WF_ENGINE APIs that accept an activity label as an argument.

New WF_NOTIFICATION.WorkCount API

Use to return the number of open notifications assigned to a role.

New WFVERCHK.SQL Utility Script

Identifies and corrects errors in versions of activities that cause multiple versions to appear to be active at once.

Separate Icons for Send and Respond Message Attributes

Oracle Workflow Builder now displays two different icons for message attributes. 'Send' message attributes still appear with the same Attribute icon used for item type and activity attributes. 'Respond' message attributes, however, now appear with an Attribute icon overlaid with a red question mark. These two icons help you visually distinguish between the two types of message attributes in the Navigator tree.

Enhanced Default Error Process

The WFERROR item type for the default error process now includes a new item attribute called ERROR_ACTIVITY_LABEL. When the default error process is initiated, this item attribute gets set to the instance label of the activity in error.

Enhanced Find Instance Web Page

The Find Instance web page, which lets you search for processes to display in the Workflow Monitor, now lets you search for processes using a user key or an item key. In addition, if you sign on to the current

web session as a user with workflow administrator privileges, you can search for processes based on a process owner.

Enhanced Loading of Process Definitions

Oracle Workflow Builder now lets you open a process definition from the database based on the definition's effective date. Also, depending on whether you check the 'Allow modifications of customized objects' check box in the 'About Oracle Workflow Builder' dialog box from the Help menu, you now have the choice of either loading your work to the database, overwriting any objects that have been previously customized (UPLOAD mode), or loading your work to the database, preserving any changes made to customized objects (UPGRADE mode).

The mode in which Oracle Workflow Builder saves changes to the database is now reflected in the Access tab of an object's property page. The 'Range of Editable Access Levels' indicator bar in the Access tab may be solid red or crosshatch red depending on how you set the 'Allow modifications of customized objects' checkbox.

Enhanced Workflow Definitions Loader

The upload mode of the Workflow Definitions Loader program now loads a workflow definition from a file to a database using the access level specified in the input file. The upload also overwrites existing objects that have been customized. Note that the default mode of the Workflow Definitions Loader program is now 'upgrade' as opposed to 'upload'.

Enhanced E-mail Notifications

The format of the response section of E-mail notifications has been improved to provide clearer instructions on how to respond to a notification.

Enhanced Notification Viewer Form

In prior releases, you had to choose the References button from the Notifications window of the Notification Viewer form to display the list of form or URL references for a notification. Now the Notifications window displays any form or URL references as individual icons that you can click.

Enhanced Background Engine

The background engine now only processes activities that have been deferred at the time the background engine was invoked. Any new activities deferred after the current background engine is invoked will not be processed until the next background engine is invoked.

Release 10 SmartClient Features and Changes

This section lists changes made to Oracle Workflow for Release 10 SmartClient (10SC). It describes the features added or changed between Production Releases 16 and 16.1.

New Features

Find Notifications Web Page

When viewing and responding to notifications using a web browser, you can now access a Find Notifications screen to search for notifications that meet specific criteria. The Find Notifications screen also allows users/roles who have workflow administration privileges to search for notifications that belong to any other user/role.

Enhancements to the User Interface of Web-based Notifications

The layout of the Detail Notification page has been improved to require less scrolling. The user interface of the Notification Response frame has also been improved. For notifications that do not require a response, clearer wording is used in the "Close" screen. Response attributes for closed notifications are now displayed as boilerplate text, rather than as active links. Finally, each response attribute prompt is a link to a help screen that provides the data type, format, and any defined instructions for the response attribute.

New Standard Activities

Two new standard activities are provided: 'Assign' and 'Get Monitor URL'. The 'Assign' activity lets you assign a value to an existing item attribute. The 'Get Monitor URL' activity generates a URL that displays an instance of a workflow process diagram in the Workflow Monitor. The activity stores the URL in a item attribute that you specify.

Enhancements to Workflow Engine APIs

Workflow Engine APIs that take an activity label name input argument have now been extended. If the activity label name does not uniquely identify an activity, you can precede the activity label name with the internal name of its parent process. The following APIs are affected:

- BeginActivity
- CompleteActivity
- AssignActivity
- HandleError
- SuspendProcess
- AbortProcess
- ResumeProcess

WF_ENGINE.SetItemOwner API

Use to set the owner of existing items. The owner must be a valid role.

New Views

WF_ITEMS_V and WF_RUNNABLE_PROCESSES_V are new views. WF_ITEMS_V is a select-only version of the WF_ITEMS table. WF_RUNNABLE_PROCESSES_V contains a list of all runnable processes in the ACTIVITIES table.

New Columns in the WF_ITEM_ACTIVITY_STATUSES_V

The following columns have been added: USER_KEY, ACTIVITY_ID, and ACTIVITY_LABEL.

New Access Property Page for Components in Oracle Workflow Builder

All workflow process components that used to have a Customizable checkbox in its Details property page, now have a standard Access property page instead. The new Access property page displays current protection and customization settings in both numeric and bar graph format and lets you easily change the settings.

Locking Customized Activities

Activities that have been customized at an access level other than your current access level are now locked in Oracle Workflow Builder as display-only. Since customizations are preserved, this prevents you from making a change that you cannot later save.

Selective Loading of Roles

A new Role Selection window in Oracle Workflow Builder now lets you selectively load role information when defining your workflow process.

Enhanced Activity Icons

The standard set of activity icons that are included with Oracle Workflow Builder have been improved.

Enhanced Subprocess Identification

In Oracle Workflow Builder, a child activity of a process that is itself a subprocess is now marked with a subprocess icon overlay. The subprocess icon overlay helps you easily identify subprocesses in any higher level process.

Applying Property Page Edits

Previously, any change you made to a property page in Oracle Workflow Builder was applied as soon as you switched to a different property page tab. Now the entire property page is applied only when you select OK.

New Message Log Window

A new Message Log window is available in Oracle Workflow Builder to show you any log messages that may arise when you load or edit process definitions. You can display this window by selecting from the Log options on the View menu of Oracle Workflow Builder.

New 'Show Process in Navigator' Menu Option

A new Show Process in Navigator menu option is available in Oracle Workflow Builder so you can easily locate the node for the currently displayed process diagram in the navigator tree.

No Restriction on Number of Transition Result Codes

Previously, Oracle Workflow Builder restricted the number of possible result codes a transition could have to twenty or less. This restriction is now removed.

Enhanced Workflow Monitor Find Processes Web Page

The Find Processes web page has been enhanced with both user interface and functional improvements. Most importantly, you can now use this page to filter process instances that contain any activity in the 'Error' or 'Suspend' states. This allows workflow administrators to generate a complete list of flows that require their attention.

Enhanced Workflow Monitor Process List Web Page

The Process List web page that is returned by the Workflow Monitor's Find Processes web page now displays separately whether a process instance contains activities that are in error or suspended.

New Workflow Monitor Notifications List Web Page

When you select a process instance from the Process List web page, a new Notifications List web page appears. The Notifications List displays a summary of the state of the process by listing the people who made decisions affecting the workflow, and what their decisions were. The View Diagram button on this page lets you display the process diagram in the Workflow Monitor applet for more complete information.

Voting Results Displayed in the Workflow Monitor

The Workflow Monitor applet can now display voting results in the Notification tab.

Reader's Comment Form

Oracle Applications Product Update Notes, A57984-01

Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information we use for revision.

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