Oracle Applications™ Product Update Notes

Release 10 SmartClient™ Production 16.1

Part No. A52639–02

ORACLE®

Enabling the Information Age™

Oracle Applications Product Update Notes,
Release 10 SmartClient™ Production 16.1

Part No. A52639–02

Contributors: Victoria Anderson, Christopher Andrews, Janet Buchbinder, Louis Bryan, Anne Carlson, Siu Chang, Frank Colligan, Steve Damiani, Carole Eubanks, Caroline Guenther, Kevin Hamant, Ashok Handigol, Nancy Kane, Kevin Kelley, Kevin Kerr, Jeanne Lowell, Lori McMullen, K. Narayanan, Kent Noble, Iru Puri, Fiona Purves, Susan Ramage, Christina Ravaglia, David Reitan, Cindy Satero, Greg Seiden, Keith Swartz, Chris Tanabe, Kurt Thompson, Sara Woodhull, Scott Zeller

Contents

Preface

This manual contains information about new features included in Release 10 SmartClient of Oracle Applications products. It also describes the changes made to database objects, profile options, and seed data between Release 10.7 of Oracle Applications and Release 10 SmartClient Production 16, and between Production 16 and Production 16.1. This preface explains how to use this manual and describes the conventions used throughout.

Conventions Used in This Manual

We recommend that you become familiar with the conventions described in this preface before you use this manual.

Oracle Names

This manual capitalizes the names of ORACLE user IDs, tables, views, synonyms, and columns. For example, AP_CHECK_FORMATS is a table name.

Additional Information

When information in another manual may help, we point you to the appropriate manual with the following type of reference:

> **Additional Information:** *Oracle Applications Upgrade Preparation Manual*

All references are to Release 10 SmartClient versions of Oracle Applications manuals unless otherwise noted.

Purpose

Use this manual as you plan the upgrade of your Oracle Applications products to Release 10.7. It will help you determine what changes you need to make to your customizations after the upgrade.

> **Additional Information:** *Oracle Applications Upgrade Preparation Manual, Release 10.7; Oracle Applications Database Changes Manual, Release 10.7*

☞ **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.

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 This Manual Is Organized

The chapters in this manual are arranged in alphabetic order by product name. Some chapters 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 several major sections, as described in the following paragraphs.

What's New in Release 10 SmartClient

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.

Database Changes

Contains information about the following:

- New Tables and Views
- Modified Tables and Views
- Obsolete Tables and Views

Each entry explains why we dropped, added, or changed the table or view. We provide column descriptions for new columns in modified tables. This section may also contain information about sequences.

Seed Data

Covers additions, deletions, and changes to seed data. We do not exhaustively document seed data added for new features. Rather, we list changes that may affect upgrades or customizations.

Profile Options

Lists changes to profile options that may affect customizations or the upgrade process.

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

CHAPTER

1

Oracle Alert

This chapter lists new features included in Release 10SC of Oracle Alert and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

What’s New in Release 10 SmartClient

There are no new features or changes to the database, seed data, or profile options for Oracle Alert.

CHAPTER

2

Oracle Asia / Pacific Globalizations

This chapter lists new features included in Release 10SC of Oracle Asia / Pacific Globalizations and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient (10SC)
- Database Objects
- Seed Data
- Profile Options

For Production Release 16 and for Production Release 16.1, Oracle Asia / Pacific Globalizations has no changes to profile options.

What's New in Release 10 SmartClient

This section contains an overview of the changes made to Oracle Asia / Pacific Globalizations for the Release 10 SmartClient (10SC). It describes the features added or changed for Production Release 16, and for Production Release 16.1.

Production Release 16

This section lists the enhancements that were made to Asia / Pacific Globalizations since it was included as 10SC product in Production 16.

New Features

Australian Asset Revaluation Reporting

Asset Revaluation Reporting helps you comply with revaluation requirements of the Australian Accounting Standard AAS10, *Accounting for the Revaluation of Non–current Assets*.

The Assets Revaluation Report lets you to determine the split of the revaluation movement between the reserve account and the profit and loss account, based on previous movements. This lets you correctly post the transactions in the General Ledger. The Revalued Asset Sales Report is used to identify a point in time (point of sale of an asset) for the net revaluation movement life–to–date for an asset class and the net position for the asset that is sold. Adjustments to the revaluation reserve for that asset and its net class movement can then be recorded via journal entries.

China Value Added Tax (VAT)

VAT handling in China lets you produce flat files of Payables VAT invoice in the Government format. These are required by the Government at the end of each month. You can also print (and reprint if necessary) VAT invoices on pre–printed government format paper.

Korea Tax Reporting

Korean Tax Reporting provides you with the ability to enter and maintain specific Korean tax information and to generate reports which encompass Value Added Tax, Withholding Tax and Corporation Tax.

Taiwan Government Uniform Invoice

Taiwan Uniform Invoice Management provides you with the features you 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.

We provide the ability to report on:

- Uniform Invoice Details (as the attachment to the Uniform Invoice when there are too many items on the invoice to fit on one page)
- Listing of Uniform Invoices
- Listing of Zero–Rate Tax Uniform Invoices (both are for tax filing purposes)

Taiwan Value Added Tax (VAT)

Taiwan VAT provides you with the ability to generate electronic files every month in the government regulated format. Payables and Receivables VAT Invoice details are filed together in one electronic file. A report detailing the same information can be produced for cross–checking purposes.

Thailand Value Added Tax (VAT)

Thai VAT functionality provides the ability to record the Tax Invoice Dates and Numbers for goods and service invoices. Record payment delivery dates for vendor payments individually or in a batch. Generate an Input and Output Tax Summary reports for any period for submission to the tax authorities. Report on payment deliveries. Report on which VAT taxable standard invoices are missing their corresponding tax invoice information.

New Forms

Several new forms have been added for the following countries:

China

- Reprint Invoice

Taiwan

- Define Miscellaneous Uniform Invoice
- Define Uniform Invoice / Sales Receipt
- Define Zero Tax
- GUI Number Generator

New Reports

Several new reports have been for the following countries:

Australia

- Assets Revaluation Report
- Revalued Asset Sales Report

China

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

Korea

- 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)
- Credit Card Outlay Worksheet (Domestic)
- Taxes and Dues Worksheet
- Withholding Tax Receipt
- Withholding Tax Worksheet(A)
- Withholding Tax for Interest / Dividends
- Zero–Rated VAT – AP
- Zero–Rated VAT – AR

Thailand

- 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

Taiwan

- EDI File
- Print Uniform Invoices / Sales Receipts
- Unified Invoice Attachment
- Uniform Invoice Listing
- VAT–IN
- VAT–OUT
- Zero–rate Tax

Production Release 16.1

This section lists the enhancements that were made to Asia / Pacific Globalizations as of Production Release 16.1.

New Features

Taiwan Government Uniform Invoice

Use this feature to issue a Government Uniform Invoice or a Sales Receipt for Receivables invoices and miscellaneous transactions. You can also associate Zero–Rate Uniform Invoices with appropriate export certificates.

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.

Improved Forms

Several forms were improved for the following countries:

China

- Reprint Invoice

Taiwan

- Define Miscellaneous Uniform Invoice
- Define Uniform Invoice / Sales Receipt
- Define Zero Tax
- GUI Number Generator

Improved Reports

Several reports were improved for the following countries:

China

- Asset Journal Entry report
- Bank Reconciliation
- Check

- Depreciation by Cost Center
- General Ledger Journal Entry report
- VAT Files – Payables
- VAT Files – Receivables
- VAT Invoice

Korea

- 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)
- Zero–Rated VAT – AP
- Zero–Rated VAT – AR
- Details of Depreciation by Useful Life
- Details of Depreciation by Asset
- Withholding Tax for Interest / Dividends
- Salvage Value Depreciation
- Detail Adjustment for Depreciation

Taiwan

- EDI File
- Print Uniform Invoices / Sales Receipts
- Unified Invoice Attachment
- Uniform Invoice Listing
- VAT–IN
- VAT–OUT
- Zero–Rate Tax

Thailand

- 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

Database Objects

Asia / Pacific Globalization includes the following database changes made since Release 10SC Production 16. For more information about database objects, refer to the technical reference manual for Oracle Application Object Library.

Production Release 16

The following database objects have been added, modified, or made obsolete as of Release 10SC Production 16.

New Tables

- JA_LOOKUPS
- JA_LOOKUP_TYPES
- JA_TW_EXPORT_CERTIFICATE
- JA_TW_GUI_NUMBER
- JA_TW_UNIFIED_INVOICE

New Views

- JA_CN_RRIN_LINES_VIEW
- JA_CN_RRIN_LINE_VIEW
- JA_CN_RRIN_VIEW
- JA_TW_GUI_VIEW
- JA_TW_MISC_GUI_VIEW
- JA_TW_RDZR_UNIFIED_INV_V
- JA_TW_RDZR_UNIFIED_INV_VIEW

Production Release 16.1

The following database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1.

Improved Tables

- JA_LOOKUPS
- JA_LOOKUP_TYPES
- JA_TW_EXPORT_CERTIFICATE
- JA_TW_GUI_NUMBER
- JA_TW_UNIFIED_INVOICE

Improved Views

- JA_CN_RRIN_LINES_VIEW
- JA_CN_RRIN_LINE_VIEW
- JA_CN_RRIN_VIEW
- JA_TW_GUI_VIEW
- JA_TW_MISC_GUI_VIEW
- JA_TW_RDZR_UNIFIED_INV_V
- JA_TW_RDZR_UNIFIED_INV_VIEW

Seed Data

Asia / Pacific Globalization includes the following seed data changes made since Release 10SC Production 16 of Oracle Applications.

Production Release 16

The following seed data has been added or modified as of Release 10SC Production 16 of Oracle Applications.

New Menus

JA_CN_AR_NAVIGATE_GUI
JA_CN_AR_REPORTS_GUI
JA_CN_AR_TRANSACTIONS_GUI
JA_KR_AR_NAVIGATE_GUI
JA_KR_AR_REPORTS_GUI
JA_TH_AR_NAVIGATE_GUI
JA_TH_AR_REPORTS_GUI
JA_TH_INV_NAVIGATE
JA_TH_INV_REPORTS
JA_TW_AR_NAVIGATE_GUI
JA_TW_AR_REPORTS_GUI
JA_TW_AR_UNIFIED_GUI

New Responsibilities

Australia Asset Manager GUI
China Assets Manager GUI
China General Ledger GUI
China Payables Manager GUI
China Receivables Manager GUI
Korea Payables Manager GUI
Korea Receivables Manager GUI
Taiwan Receivables Manager GUI
Taiwan Payables Manager GUI
Thailand Inventory Manager GUI

Thailand Receivables Manager GUI
Thailand Payables Manager GUI

New Request Groups

AU Assets Localization	AU Assets Localization Reports
CN Assets Localization	CN Assets Localization Reports
CN General Ledger Localization	CN General Ledger Localization Reports
CN Payables Localization	CN Payables Localization Reports
CN Receivables Localization	CN Receivables Localization Reports
KR Payables Localization	Korea Payables Localization Reports
KR Receivables Localization	Korea Receivables Localization Reports
TH Inventory Localization	TH Inventory Localization Reports
TH Payables Localization	TH Payables Localization Reports
TH Receivables Localization	TH Receivables Localization Reports
TW Payables Localization	TW Payables Localization Reports
TW Receivables Localization	TW Receivables Localization Reports

New Profiles

Option Name	User Profile Option name	Description
JGZZ_COUNTRY_CODE	JG: Country code	JG: Country code
JGZZ_PRODUCT_CODE	JG: Product code	JG: Product code

New Value Sets

JACN_BATCHES	JACN_BATCHES
JACN_BATCH_SOURCE	Batch source for China localization
JACN_INVOICE_NUM	Invoice Number for China Localization

JACN_JOURNAL_CATEGORY	JACN_JOURNAL_CATEGORY
JATH_AP_VAT_ENTITY	AP VAT – Tax Reporting Entity
JATW_AP_DEDUCTIBLE	Taiwan Uniform Invoice Deductible Flag
JATW_GUI_ID	Government Unified Invoice ID for Taiwan Localization
JATW_GUI_NUMBER	Taiwan Uniform Invoice Number
JATW_GUI_WORD	Taiwan Uniform Invoice Word
JATW_SRS_DATE	Date for Taiwan Localization
JA_CN_INVOICE_FORMAT	China Invoice Format
JA_CN_INVOICE_ LANGUAGE	China Invoice Languages
JA_CN_INVOICE_PAGE	China Invoice Page
JA_CN_INVOICE_VERSION	China Invoice Versions
JA_KR_AP_ACCOUNT_CODE	List of Korean Account Codes
JA_KR_AP_ACCOUNT_TITLE	List of Korean Account Titles
JA_KR_AP_BUSINESS	Business Income Values
JA_KR_AP_CARD_ CATEGORY	Tax Name for the category of the Credit Card
JA_KR_AP_CASH_ CATEGORY	Tax Name for the Category of Cash Register
JA_KR_AP_CATEGORY	List of Korea Payables Categories
JA_KR_AP_COMPANY_ LOCATION	List of Korean Company Locations
JA_KR_AP_DONATION	List of Korean Payables Donation
JA_KR_AP_INTEREST_ DIVIDENDS	Earned Income Withholding Tax Details
JA_KR_AP_INV_CATEGORY	Tax Name for the category of the Invoice
JA_KR_AP_INV_TYPE	List of Korean Inventory Types
JA_KR_AP_NONRES	Non Resident Income Classification
JA_KR_AP_PAYMENT_ METHOD	List of Korean Payables Payment Methods
JA_KR_AP_REPORT_TYPE	Cash Outlay Worksheet Report Types
JA_KR_AP_RESIDENT	Resident Income Classification
JA_KR_AP_RES_CATEGORY	Withholding Category
JA_KR_AP_SEG_DONATION	List of Korean Payables Seg Donation
JA_KR_AP_TAX	List of Korean Payables Taxes

JA_KR_AP_TITLE	Korea Payables Titles
JA_KR_AP_TITLE_DEP	Dependent value set for the JA_KR_AP_TITLE
JA_KR_AP_USING_ PROVINCE	List of Korean Provinces
JA_KR_AP_VENDOR_NAME	List of Korean Payables Vendors
JA_KR_AP_WITH_ CATEGORY	Earned Income Withholding Tax Details
JA_KR_AP_WITH_ CATEGORY_DEP	Form Validation for Withholding
JA_KR_AR_COMPANY_ LOCATION	List of Korean Company Locations
JA_KR_AR_CUSTOMER_ NAME	List of Korean Receivables Customers
JA_KR_AR_CUSTOMER_SITE	List of Korean Receivables Customer Sites
JA_KR_AR_PAID_FROM	Paid From list
JA_KR_FA_ACCT_NUMBER	Account Number
JA_KR_FND_NUMBER15	Non–Required numeric value set
JA_KR_MONTH	Monthly Issue for the Sales or Tax Invoice Issued
JA_KR_PO_VENDOR_ CLASSIFICATION	Korea Vendor Classification
JA_KR_TAX_CATEGORY	Korean Tax Category
JA_TH_AR_TAX_CODE	Thailand Tax Codes
JA_TW_AP_GUI_FORMAT	Taiwan Payables Formats
JA_TW_AR_GUI_FORMAT	Taiwan Receivables Formats

New Messages

JATWRGUI_ENTER_NUMBER	Sales Receipt Number must be entered.
JATWRINV_TITLE	Print Unified Invoice / Sales Receipt
JATWRMUI_NOT_VALID	This combination of Word and Number is not valid based on the combination of Format and Date.
JATWRMUI_NO_MATCH	Cannot find a matching Unified Invoice Number based on this combination of Format and Date

New Lookup Types

JACN_INVOICE_LANGUAGE	JACN: Invoice Language
JACN_INVOICE_PAGE	JACN: Invoice Page
JACN_INVOICE_VERSION	JACN: Invoice Version
JACN_NEW_INVOICE_FORMAT	JACN: New Invoice Format
JACN_OLD_INVOICE_FORMAT	JACN: Old Invoice Format
JATWRMUI_GUI_FORMAT	JATWRMUI: Unified Invoice Format
JATW_AP_DEDUCTIBLE	Taiwan Unified Invoice Deductible Flag
JATW_GUI_FORMAT	Taiwan Unified Invoice format for Payables
JA_KR_AP_ACCOUNT_TITLE	Expense Account Title values for Payables
JA_KR_AP_DONATION	Parameter Value set for Donation report
JA_KR_AP_INTEREST_DIVIDENDS	Earned Income Withholding Tax Details
JA_KR_AP_PAYMENT_METHOD	Korean Payment Methods for Payables
JA_KR_AP_REPORT_TYPE	Cash Outlay Worksheet Report Types
JA_KR_AP_TAX	Parameter Value set for Taxes and Dues Report
JA_KR_AP_TITLE	Corporation Tax Title for Payables
JA_KR_AP_TITLE_DEP	Corporation Tax Title for Payables
JA_KR_AP_USING_PROVINCE	Korean Province values for Payables
JA_KR_AP_WITH_CATEGORY	Withholding Tax Category
JA_KR_AP_WITH_CATEGORY_DEP	Earned Income Withholding Tax Details
JA_KR_MONTH	The Month of Invoice Issue
JA_KR_PO_VENDOR_CLASSIFICATION	Korea Vendor Classification
JA_KR_TAX_CATEGORY	Korean Tax Category for Payables and Receivables

New Lookup Codes

JACN_INVOICE_ LANGUAGE	1	Chinese
	2	Chinese–English
	3	Zang language
	4	Wei language
JACN_INVOICE_PAGE	4	4 Pages
	7	7 Pages
JACN_INVOICE_ VERSION	0	Old Invoice Format
	1	New Invoice Format 1
	2	New Invoice Format 1
	3	New Invoice Format 1
	4	New Invoice Format 1
	5	New Invoice Format 1
	6	New Invoice Format 1
	7	New Invoice Format 1
	8	New Invoice Format 1
	9	New Invoice Format 1
JACN_NEW_INVOICE_ FORMAT	0	Computer
	1	Tens of thousands
	2	Hundreds of thou- sands
JACN_OLD_INVOICE_ FORMAT	0	Computer
	1	Tens of thousands
	2	Millions
	3	Tens of millions
JATWRMUI_GUI_ FORMAT	30	Sales Receipts

	31	Sales Triplicate or Computer Generate Unified Invoice
	32	Sales Duplicate or Duplicate Carrier Generated Unified Invoices
	33	Triplicate Sales Refund or Discount Resale Doc
	34	Duplicate Sales Refund or Discount Resale Doc
	35	Sales Triplicate Cashier Generated Unified Invoices
JATW_AP_ DEDUCTIBLE	1	Deductible Purchases and Expense
	2	Deductible Fixed Assets
JATW_GUI_FORMAT	21	Triplicate / Computer
	22	Other / Duplicate Cashier
	23	Triplicate Refund / Resale
	24	Duplicate Refund / Resale
	25	Triplicate Cashier
JA_KR_AP_ACCOUNT_ TITLE	CONFIDENTIAL EXPENSES	Confidential Expenses
	ENTERTAIN–MENT	Entertainment
	OTHERS	Others
JA_KR_AP_DONATION	DESIGNATED	Designated
	OTHERS	Others
	STATUTORY	Statutory
JA_KR_AP_INTEREST_ DIVIDENDS	DIVIDENDS	Dividends
	INTEREST	Interest
JA_KR_AP_PAYMENT_ METHOD	CASH	Cash

	CREDIT CARD	Credit Card
	OTHERS	Others
	TAX INVOICE	Tax Invoice
JA_KR_AP_REPORT_ TYPE	1=1	Overseas
	INVD.AMOUNT < 100000	Less than 100000
	INVD.AMOUNT >= 100000	More than 100000
JA_KR_AP_TAX	APPLICABLE	Applicable
	NON APPLICA- BLE	Non Applicable
JA_KR_AP_TITLE	DONATION	Donation
	OTHERS	Others
	PREPAID EX- PENSES	Prepaid Expenses
	SALES REBATE	Sales Rebate
	TAXES AND DUES	Taxes and Dues
JA_KR_AP_TITLE_DEP	APPLICABLE	Applicable
	DESIGNATED	Designated
	NON APPLICA- BLE	Non Applicable
	OTHERS	Others
	STATUTORY	Statutory
JA_KR_AP_USING_ PROVINCE	COMMON CITY	Common City
	COUNTY	Country
	GREAT SPHERE CITY	Great Sphere City
	OTHERS	Others
	OVERSEAS	Overseas
	SPECIAL CITY	Special City
JA_KR_AP_WITH_ CATEGORY	BUSINESS INCOME	Business
	NON RESIDENT	Non Resident
	RESIDENT	Resident
JA_KR_AP_WITH_ CATEGORY_DEP	10	Separate Taxation / Application Interest
	10	Interest
	11	Aggregate Taxation Interest

	20	Dividends
	21	Actual Dividends
	22	Deemed Dividends
	30	Real Property
	40	Business
	41	Lawyer
	42	Personal Services
	42	CPA, TAX Accountant, Custom Accountant
	43	Doctor
	44	Architect, Juggler
	45	Writer for Literature Art and Science
	46	Singer, Actor, Talent
	47	Professional Sportsman
	48	Insurance Collector
	49	Others
	60	Miscellaneous
	61	Royalty
	62	Others
	80	Transfer
	90	Forest Land
JA_KR_MONTH	APR	April
	AUG	August
	DEC	December
	FEB	February
	JAN	January
	JUL	July
	JUN	June
	MAR	March
	MAY	May
	NOV	November
	OCT	October
	SEP	September
JA_KR_PO_VENDOR_ CLASSIFICATION	CORPORATION	Corporation
	INDIVIDUAL	Individual
	CASH REGISTER	Cash Register
	CREDIT CARD	Credit Card
	INVOICE	Invoice

OTHERS	Others
TAX INVOICE	Tax Invoice

Production Release 16.1

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

CHAPTER

3

Oracle Assets

This chapter lists new features included in Release 10SC of Oracle Assets and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Assets has no changes to profile options. For Production Release 16.1, there are no changes to seed data or to profile options.

What’s New in Release 10 SmartClient

This section contains an overview of changes made to Oracle Assets for Release 10 SmartClient (SC). It describes the features added between Production Releases 1 and 15, as well as those that are new with Production Release 16. There are no new features for Production 16.1.

Production Releases 1–15

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

New Features

View Source Lines

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

Attachments

You can 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, to an asset.

View Assignments

You can 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.

Production Release 16

This section lists the enhancements that have been made to Oracle Assets between Release 10.7 and 10SC Production 16.

New Features

Asset Salvage Value as a Percentage of Cost

You can 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

You can 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

You can 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

You can 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, Oracle Assets automatically runs the Mass Retirements Report and the Mass Retirements Exception Report, so you can review the effects of the mass retirement transaction.

Lease Analysis

Now you can 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 default distributions 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.

Oracle Applications for the Web Integration

If you install Oracle Web Employees Version 2.0, your employees can use a standard Web browser to review detailed asset information, including depreciation, employees, invoices, leases, locations, transactions, and retirements.

For information on the availability of Oracle Applications for the Web 2.0, contact your local Oracle representative.

Database Objects

Oracle Assets includes the following database changes made since Release 10.7 of Oracle Applications. For more information about database objects, see the *Oracle Assets Technical Reference Manual*.

Production Release 16

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

New Views

FA_LEASES_V was created to support the new Leases feature.

Modified Tables

FA_LEASE_SCHEDULES

Modified for the Leases feature. The following columns were added:

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

FA_LEASES

Modified for the Leases feature. 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))

Production Release 16.1

The following database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1.

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.

Modified Tables

FA_MASS_ADDITIONS

A new column called CONTEXT (VARCHAR2(210)) was added to enable users to create a context–sensitive descriptive flexfield on the Mass Additions Workbench.

FA_MASS_ADDITIONS_v

A new column called CONTEXT (VARCHAR2(210)) was added to enable users to create a context–sensitive descriptive flexfield on the Mass Additions Workbench.

Seed Data

Oracle Assets 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 and Release 10SC Production 16.

New QuickCodes

LEASE FREQUENCY	Lease Compounding Frequency values: Monthly, Quarterly, Semi–Annually, and Annually. This QuickCode was added for the Leases feature.
LEASE PAYMENT TYPE	Lease Payment Type values: Annuity, Balloon Payment, Bargain Purchase Option, and Bargain Renewal Option. This QuickCode was added for the Leases feature.
LEASE TYPES	Lease Types: Capitalized and Operating. This QuickCode was added for the Leases feature.

Modified QuickCodes

The QuickCode names in boldface type 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

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

CHAPTER

4

Oracle Bills of Material

This chapter lists new features included in Release 10SC of Oracle Bills of Material and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Bills of Material has no changes to profile options or seed data. For Production Release 16.1, there are no changes to database objects, profile options, or seed data.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle Bills of Material for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15. There are no new in features for Production Release 16 or Production Release 16.1.

Production Releases 1–15

This section presents an overview of the enhancements that have been made to Oracle Bills of Material since it was included as a Release 10SC Production product in Production 12.

New Features

Attachments for Bills and Operations

You can 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

You can 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.

Improved Windows

Bills of Material

- Run cost rollup

  A new window has been added to allow the rollup of costs for the bill. This will help users to 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.

- Create delete groups for bills and components

  A new window has been added to assign the bill or components to a delete group for deletion.

Routing

- Create delete groups for routings and operations

  A new window has been added to assign the routing or operation to a delete group for deletion.

Database Objects

Oracle Bills of Material 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*.

Production Release 16

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

Modified Tables

BOM_DEPARTMENTS

Add column PA_EXPENDITURE_ORG_ID to support Project Manufacturing in a future release.

Modified Views

BOM_DEPARTMENTS_V

Add column PA_EXPENDITURE_ORG_ID to support Project Manufacturing in a future release.

CHAPTER

5 Oracle Capacity

This chapter lists new features included in Release 10SC of Oracle Capacity and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

Oracle Capacity has no changes to database objects, seed data, or profile options for Production Release 16 or for Production Release 16.1.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle Capacity for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15. There are no new in features for Production Release 16 or Production Release 16.1.

Production Releases 1–15

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.

New Features

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.

New and Improved Windows

- View CRP
- View RCCP
- Horizontal Plan

CHAPTER

6 Oracle Cost Management

This chapter lists new features included in Release 10SC of Oracle Cost Management and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Cost Management has no changes to profile options.

What's New in Release 10 SmartClient

This section contains an overview of changes we made to Oracle Cost Management for Release 10 SmartClient (SC). It describes the features added between 10SC Production Releases 1 and 15, as well as those that are new with Production Release 16.1. There are no new features for Production Release 16.

Production Releases 1–15

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

New Features

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.

Production Release 16.1

Oracle Cost Management contains the following new features for Release 10SC Production 16.1.

New Features

Manufacturing Weighted Average Costing

You can now 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.

With 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 events. It requires no manual maintenance of standards.

Project Manufacturing Costing

In support of Project Manufacturing, you can now 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.

☞ **Attention:** Project Manufacturing is a Beta product in this release of Oracle Manufacturing. As such, all associated functionality is also Beta.

New and Modified Modules

Unified Cost Manager (CMCTCM/CMLTCM)

The single cost manager concurrent program distributes unvalued transactions in the Inventory and WIP transaction tables to different workers.

Actual Cost Worker (CMCACW)

The actual cost worker concurrent program 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.

Inventory Transaction Interface Inquiry (CSQINII)

The Transaction Interface Inquiry 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.

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

Resource Cost Manager (CMCCTM)

This concurrent program is now 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 now 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.

Project Manufacturing Costing Managers and Workers

The following managers and workers were introduced to support project manufacturing costing and will be made fully functional in a future release:

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

☞ **Attention:** Project Manufacturing is a Beta product in this release of Oracle Manufacturing. As such, all associated functionality is also Beta.

Improved Reports

Discrete Job Value Report – Average Costing (CSTRDJVA)

This new report functions only under manufacturing average costing. Its standard costing counterpart, the Oracle Work in Process Discrete Job Value Report, was renamed the Discrete Job Value Report – Standard Costing in this release.

Database Objects

Oracle Cost Management 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*.

Production Release 16

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

New Tables

The following tables were created to support functionality planned for a future release:

- CST_COST_GROUPS
- CST_COST_GROUP_ACCOUNTS
- CST_COST_ELEMENT_EXP_TYPE

New Views

CST_QUANTITY_LAYERS_V was created to support functionality planned for a future release.

Modified Tables

CST_QUANTITY_LAYERS

The COST_GROUP_ID column was added to support functionality planned for a future release.

Obsolete Tables

CST_COST_ELEMENT_EXP_TYPE was dropped.

Production Release 16.1

The following database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1. In addition, database objects that were added in a prior release, but implemented in Production 16.1, are also listed in this section.

New Tables

MTL_PER_CLOSE_DTLS was added in this release to support manufacturing weighted average costing.

New Indexes

The following indexes were added in this release to support manufacturing weighted average costing:

- CST_QUANTITY_LAYERS_N1
- MTL_ACTUAL_COST_SUBELEMENT_N1
- MTL_CST_ACTUAL_COST_DETAILS_U1
- MTL_MATERIAL_TRANSACTIONS_N14
- MTL_MATERIAL_TRANS_TEMP_N4
- MTL_PER_CLOSE_DTLS_U1

New Views

The following views were added in this release to support manufacturing weighted average costing:

- CST_LAYER_COST_DETAILS_V
- CST_AVG_ELEM_COST_V
- MTL_CST_TXN_COST_DETAILS_V

The following views were added in this release to support project manufacturing costing:

- CST_CG_ITEM_COST_ VIEW
- CST_PM_MATL_TXN_V
- CST_PROJ_EXP_TYPES_VAL_V
- CST_PROJ_MFG_CMT_VIEW

Implemented Tables

The following tables, added in a prior release, support manufacturing weighted average costing:

- CST_COST_GROUPS
- CST_COST_GROUP_ACCOUNTS
- CST_QUANTITY_LAYERS
- CST_LAYER_COST_DETAILS
- MTL_CST_TXN_COST_DETAILS
- MTL_TXN_COST_DET_INTERFACE
- MTL_CST_ACTUAL_COST_DETAILS
- MTL_ACTUAL_COST_SUBELEMENTS
- WIP_REQ_OPERATION_COST_DETAILS

CST_COST_ELEMENT_EXP_TYPE, added in a prior release, supports costing for project manufacturing.

Implemented Indexes

The following indexes, added in a prior release, support manufacturing weighted average costing:

- CST_COST_GROUPS_N1
- CST_COST_GROUPS_U1
- CST_LAYER_COST_DETAILS
- MTL_CST_TXN_COST_DETAILS
- MTL_CST_TXN_COST_DET_INTERFACE
- WIP_REQ_OPERATION_COST_DETAILS
- WIP_OPERATION_OVERHEADS

Implemented Views

The following views, added in a prior release, support manufacturing weighted average costing:

- CST_QUANTITY_LAYERS_V
- CST_AVG_DIST_ACCTS_V

Implemented Sequences

CST_QUANTITY_LAYERS_S, added in a prior release, supports manufacturing weighted average costing.

Modified Tables

MTL_ACTUAL_COST_SUBELEMENT

A new column called LAYER_ID was added in this release to support manufacturing weighted average costing.

MTL_CST_ACTUAL_COST_DETAILS

The following columns were added in this release to support manufacturing weighted average costing:

- LAYER_ID
- TRANSACTION_COSTED_DATE

MTL_MATERIAL_TRANSACTIONS

The following columns were added in a prior release to support manufacturing weighted average costing:

- COST_GROUP_ID
- ERROR_CODE
- ERROR_EXPLANATION
- PRIOR_COSTED_QUANTITY
- FINAL_COMPLETION_FLAG
- MATERIAL_ACCOUNT
- MATERIAL_OVERHEAD_ACCOUNT
- OUTSIDE_PROCESSING_ACCOUNT
- OVERHEAD_ACCOUNT
- RESOURCE_ACCOUNT
- SHIPMENT_COSTED
- TRANSFER_COST_GROUP_ID
- TRANSFER_PERCENTAGE
- TRANSACTION_GROUP_ID

MTL_MATERIAL_TRANSACTIONS_TEMP

The following columns were added in a prior release to support manufacturing weighted average costing:

- FINAL_COMPLETION_FLAG
- MATERIAL_ACCOUNT
- MATERIAL_OVERHEAD_ACCOUNT
- OUTSIDE_PROCESSING_ACCOUNT
- OVERHEAD_ACCOUNT
- RESOURCE_ACCOUNT
- TRANSFER_PERCENTAGE
- TRANSACTION_SEQUENCE_ID

MTL_TRANSACTIONS_INTERFACE

The following columns were added in a prior release to support manufacturing weighted average costing:

- FINAL_COMPLETION_FLAG
- MATERIAL_ACCOUNT
- MATERIAL_OVERHEAD_ACCOUNT
- OUTSIDE_PROCESSING_ACCOUNT
- OVERHEAD_ACCOUNT
- RESOURCE_ACCOUNT
- TRANSFER_PERCENTAGE
- TRANSACTION_SEQUENCE_ID

MTL_PARAMETERS

A new column called AVG_RATES_COST_TYPE_ID_NUMBER was added in a prior release to support manufacturing weighted average costing.

RCV_TRANSACTION_INTERFACE

A new column called TRANSFER_PERCENTAGE was added in a prior release to support manufacturing weighted average costing.

RCV_SHIPMENT_LINES

A new column called TRANSFER_PERCENTAGE was added in a prior release to support manufacturing weighted average costing.

WIP_PARAMETERS

The following columns were added in prior release to support manufacturing weighted average costing:

- COMPLETION_COST_SOURCE
- COST_TYPE_ID
- AUTO_COMPUTE_FINAL_COMPLETION

WIP_ACCOUNTING_CLASSES

The following columns were added in a prior release to support manufacturing weighted average costing:

- COMPLETION_COST_SOURCE
- COST_TYPE_ID

WIP_REQUIREMENT_OPERATIONS

The following columns were added in a prior release to support manufacturing weighted average costing:

- RELIEVED_MATL_COMPLETION_QUANTITY
- RELIEVED_MATL_SCRAP_QUANTITY

WIP_OPERATION_RESOURCES

The following columns were added in a prior release to support manufacturing weighted average costing:

- RELIEVED_RES_COMPLETION_UNITS
- RELIEVED_RES_SCRAP_UNITS
- RELIEVED_RES_COMPLETION_VALUE
- RELIEVED_RES_SCRAP_VALUE
- TEMP_RELIEVED_VALUE

Seed Data

Oracle Cost Management 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 and Release 10SC Production 16.

Modified Seed Data

Common Cost Group

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

Cost Elements

Five cost elements in CST_COST_ELEM_EXP_TYPES were seeded:

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

Production Release 16.1

The following seed data has been added or implemented in Release 10SC Production 16.1.

Data Elements

Added in a prior release, the following seeded cost elements in CST_COST_ELEM_EXP_TYPES were implemented to support project manufacturing costing:

- Material
- Material Overhead
- Resource

- Outside Processing
- Overhead

Lookup Types

CST_COMPLETION_COST_SRC

Added in a prior release, the CST_COMPLETION_COST_SRC lookup type supports manufacturing weighted average costing. It is specifically used in the WIP Accounting Classes and WIP Parameters windows.

CST_JOB_SELECTION_CRITERIA

Added in this release, 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.

Profile Options

Oracle Cost Management includes the following profile option changes made since Release 10.7 of Oracle Applications.

Production Release 16.1

The following seed data has been added or modified in Production Release 16.1.

Implemented Profile Options

The CST: Average Costing Option profile option, added in a prior release, now supports manufacturing weighted average costing. Specifically it determines whether Inventory Only or Inventory and Work in Process Average Costing is used.

CHAPTER

7

Oracle Engineering

This chapter lists new features included in Release 10SC of Oracle Engineering and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Engineering has no changes to database objects or profile options. For Production Release 16.1, there are no changes to database objects, seed data, or profile options.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle Engineering for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16. There are no new features for Production Release 16.1.

Production Releases 1–15

This section presents an overview of the enhancements that have been made to Oracle Engineering since it was included as a Release 10SC Production product in Production 12.

New Features

ECO Attachments

You can attach text and other types of files, such as spreadsheets, graphics, and OLE objects, to engineering change orders (ECOs). For example, an attached file may include an engineering drawing.

Improved Windows

Engineering Change Order

- Implement ECOs and revised items

  You can now implement ECOs and revised items directly from this window. This option is available in the Special Menu.

- Loop check capability on revised items

  You can check for loops in your revised item bills. This option is available on the Special Menu.

Engineering Bill of Material

- Transfer bills

  You can transfer an engineering bill to manufacturing from this window. This option is available in the Special Menu.

Production Release 16

This section presents an overview of the enhancements made to Oracle Engineering between Release 10.7 and 10SC Production 16.

New Features

ECO Approval Process

Once an ECO is defined, you submit it for Oracle Workflow to process. Workflow then controls the approval process, including automatically updating the ECO approval status.

One workflow process, Standard Approval Process, is predefined when Engineering is installed, regardless of whether the entire Workflow product is installed. If you purchase the entire Workflow product, you can modify the Standard Approval Process or create new processes. If you do not purchase the entire Workflow product, you can only modify the Standard Approval Process.

ECO Types

ECO types can be associated with a Workflow process or with an ECO priority. Workflow automatically updates the approval status for these ECO types. If an ECO type is not associated with a Workflow process, the approval status defaults to Approved. In this case, you can choose to use an approval list or to omit the approval procedure.

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

Oracle Engineering includes the following seed data changes made between Release 10.7 and Release 10SC Production 16.

Production Release 16

New Seed Data for Workflow Process

Standard Approval Process	Pre–defined when Oracle Engineering is installed.

Modified QuickCodes

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

CHAPTER

8

Oracle European Localizations

This chapter lists new features included in Release 10SC of European Localizations and describes the changes made to database objects, seed data, and profile options between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1. Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

There are no new features or changes to database objects, profile options, or seed data for Production Release 16.1.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle European Localizations for Release 10 SmartClient (10SC). It describes the features added or changed between as of Production 15, as well as those features that are new in Production Release 16 and Production Release 16.1.

The new features and changes discussed in this section are arranged by the following topics:

- Production Release 16 — Regional Localizations
- Production Release 16 — German Localizations
- Production Release 16 — Spanish Localizations
- Production Release 16 — Italian Localizations

There are no new features or changes for Production 16.1.

Production Release 16 — Regional Localizations

In Release 10SC Production 16, there are new features, new tables and views, and seed data changes that apply only to Oracle Regional Localizations.

New Features

Maintain Interest Invoice Interest Rates Form

Use the Maintain Interest Invoice Rates form 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 Release 10.7 character–mode Interest Invoice.

New Tables and Views

The table and view listed in this section were 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 Changes

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

Production Release 16 — German Localizations

This section contains information about the new features, database changes, seed data changes, and profile option changes that are specific to Oracle German Localizations in Release 10SC Production 16.

New Features — Reports

Separate Payment Letter

Use this report 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 this report to create a separate payment letter for customers that 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.

The following Oracle German Localizations reports have been enhanced as of Release 10SC Production 16.

International EFT

The format now supports Q record specification as a header record instead of R record.

Direct Debit

The German Direct Debit was 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.

Database Changes

The following tables were created to support the new Separate Payment / Receipt Letters:

- JE_DE_AR_BATCHES
- JE_DE_AP_BATCHES

Profile Option Changes

The profile option JEDE_AR_MAX_INVOICES was changed. This profile option is used by Direct Debit module and Separate Receipt Letter.

New Seed Data

New Reports

- JEDEAPPL Separate Payment Letter
- JEDEARPL Separate Receipt Letter

Value Sets

The following value sets were created to support the new Separate Payment / Receipt Letters:

- JEDE_AR_REM_BATCHES
- JEDE_AP_PAY_BATCHES

Production Release 16 — Spanish Localizations

This section contains information about the new features, database changes, seed data changes, and profile option changes that are specific to Oracle Spanish Localizations in Release 10SC Production 16.

New Features — Reports

Self Invoice Report (Auto reclaimable VAT report)

Use this report 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

Use this report 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.

New Features — New SQL Loader

Rejected Bills of Exchange Loader (jeeslbrr)

Use this program 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.

New Seed Data

Reports

- JEESRVAR Self Invoice Report
- JEESWHTX Withholding Tax Report

Value Set

JEES_WHTAX_SELECTION

Production Release 16 — Italian Localizations

This section contains information about the new features, database changes, seed data changes, and profile option changes that are specific to Oracle Italian Localizations in Release 10SC Production 16.

New Features — Reports

Packing Slip for Inventory

Use this report 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

This report has been enhanced. An additional parameter, Print Preliminary Report, was added to allow the printing of final reports on preprinted stationery.

Database Changes

New Tables and Views

A new table called JE_IT_INV_PACKSLIPS was created to support the new Packing Slip report.

New Sequence

A new sequence called JE_IT_INV_PACKSLIP_S was created to support the new Packing Slip report.

Profile Option Changes

New Profile Options

JE_IT_SHIPPER_DATA_PRINTED_INV was created to support the new Packing Slip report.

Seed Data Changes

Reports

The JEITRIPS Packing Slip for Inventory report has been added. In addition, the JEITRIIH Inventory Item History Schedule report has been modified to add a new parameter.

Value Sets

The following value sets were created to support the new reports:

- JEIT_RIPS_TRANS
- JEIT_INV_PACKSLIP_NUMBER

CHAPTER

9

Oracle General Ledger

This chapter lists new features included in Release 10SC of Oracle General Ledger and describes the changes made to database objects, profile options, and seed data between Oracle Applications Release 10.7 and 10SC Production Release 16, and between Production Release 16 and Production Release 16.1. Specifically, this chapter contains information about:

- What’s New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

Oracle General Ledger has no changes to database objects, seed data, or profile options for Production Release 16.1.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle General Ledger for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16. There are no new features for Production Release 16.1.

Production Releases 1–15

This section presents an overview of the enhancements that have been made to Oracle General Ledger since it was included as a Release 10SC Production product in Production 1.

New Features

Account Hierarchy Editor (Production 1)

With Oracle General Ledger's 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.

Production Release 16

This section presents an overview of the enhancements that have been made to Oracle General Ledger between Release 10.7 and 10SC Production 16.

New Features

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.

Database Objects

Oracle General Ledger includes the following database changes made since Oracle Applications Release 10.7. For more information about database objects, see the *Oracle Application Object Library Technical Reference Manual*.

Production Release 16

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

New Tables

These tables support the new JE Tax feature:

- GL_TAX_OPTIONS
- GL_TAX_OPTION_ACCOUNTS
- GL_TAX_CODES_V

GL_CONS_ROLLUP_RANGES_V supports the new parent rollup consolidation mapping rule.

Modified Tables

GL_JE_BATCHES

The following column was added:

• ORG_ID	NUMBER(15)

GL_JE_HEADERS

The following column was added:

• TAX_STATUS_CODE	VARCHAR2(1)

GL_JE_LINES

The following columns were added:

• TAXABLE_LINE_FLAG	VARCHAR2(1)
• TAX_TYPE_CODE	VARCHAR2(1)
• TAX_CODE_ID	NUMBER(15)
• TAX_ROUNDING_RULE_CODE	VARCHAR2(1)

• AMOUNT_INCLUDES_TAX_FLAG	VARCHAR2(1)
• TAX_DOCUMENT_IDENTIFIER	VARCHAR2(50)
• TAX_DOCUMENT_DATE	DATE
• TAX_CUSTOMER_NAME	VARCHAR2(240)
• TAX_CUSTOMER_REFERENCE	VARCHAR2(240)
• TAX_REGISTRATION_NUMBER	VARCHAR2(50)
• TAX_LINE_FLAG	VARCHAR2(1)
• TAX_GROUP_ID	NUMBER(15)

GL_SETS_OF_BOOKS

The following column was added:

• ENABLE_AUTOMATIC_TAX_FLAG	VARCHAR2(1) NOT NULL

Modified Views

The following views were modified to support new features in Oracle General Ledger 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

GL_JE_LINES_S was added.

Seed Data

Oracle General Ledger includes the following seed data changes since Release 10.7 of Oracle Applications.

Production Release 16

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

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.

New QuickCodes

For the BATCH_STATUS QuickCode type, the following QuickCodes were added:

Q	Showing untaxed journal entry
Q*	Was showing untaxed journal entry

For the MJE_BATCH_STATUS QuickCode type, the following QuickCode was added:

Q	Error 17 — Showing untaxed journal entry

For the TAX_STATUS QuickCode type, the following QuickCodes were added:

N	Not required
Y	Required

T	Taxed

For the TAX_TYPE QuickCode type, the following QuickCodes were added:

I	Input
O	Output

For the TAX_ROUNDING_RULE QuickCode type, the following QuickCodes were added:

U	Up
D	Down
N	Nearest

Profile Options

Oracle General Ledger includes the following profile option changes since Release 10.7 of Oracle Applications.

Production Release 16

New Profile Options

FSG: Enforce Segment Value Security

This profile option was added to support segment value security for Financial Statement Generator reports. One of two values can be set:

- *Yes:* If security rules are defined that prevent you from accessing specific account segment values, then you cannot produce financial information for those same segment values when you run FSG reports.
- *No:* Defined security rules are not used for FSG reporting purposes.

CHAPTER

10

Global Accounting Engine

This chapter lists new features included in Release 10SC of Global Accounting Engine of Release 10 SmartClient Production Release 16.1. There are no changes to database objects, seed data or to profile options.

What's New in Release 10 SmartClient

This chapter lists the enhancements made to Global Accounting Engine for the Release 10 SmartClient (10SC) as of Production Release 16.1.

Production Release 16.1

This section contains an overview of the new forms, new reports, and obsolete reports for Global Accounting Engine in Production 16.1.

New Forms

- Journal Entries
- Journal Entry Lines
- Define / Compile Translator Program
- Submit Posting Manager

New Reports

These new reports replace existing reports that did not provide full Accounting Flexfield or Year 2000 support.

- 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

- AX Journal (Daily Journal Book – Line Descriptions)
- AX Third Party Subledger (Supplier / Customer Subledger by Account)
- AX Third Party Balance (Supplier / Customer Balance by Account)

CHAPTER

11

Oracle Human Resources

This chapter lists new features included in Release 10SC of Oracle HRMS (Oracle Human Resources and Oracle Payroll) and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- New features in Production Releases 1–15 as well as the new features that are unique to Production 16 and Production 16.1. New features that apply to all legislations are listed separately from those that apply only to U.S. or U.K. legislations.
- Database Objects
- Profile Options
- Seed Data

For Production Release 16, Oracle General Ledger has no changes to seed data. For Production Release 16.1, Oracle General Ledger has no changes to profile options or seed data.

What's New in Release 10 SmartClient

This section lists the enhancements made to Oracle Human Resources for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16 and Production Release 16.1. See the online help and the user reference manuals for more details. For a complete list of APIs that are available in Oracle HRMS, see the New Features section in the online help.

Production Releases 1–15 — All Legislations

This section presents an overview of the enhancements that have been made to all legislative and generic versions of Oracle HRMS since it was included as a Release 10SC Production product in Production 10.5.0.5SC.

For changes made to the U.K. version of Oracle HRMS, see Production Releases 1–15 — U.K. Legislations.

For changes made to the U.S. version of Oracle HRMS, see Production Releases 1–15 — U.S. Legislations.

New Features

For complete instructions and documentation on new features, see the online help.

- HR:Query Only Mode is a new user profile option.
- The Custom Report is a new option that includes a new form and a single report.
- Paid Time Off is supported with two new forms and one new process.
- Application Data Export (ADE) enables you to export data from your database, modify it and upload it back to your database to modify your applications data.
- The Person form has a new Find window.
- Mass Move enables you to reorganize your Business Group, either within an organization or between organizations. You can move assignments between existing positions, create new positions in which to move assignments, and change the grade, GRE/legal entity, or location and standard condition of an assignment.

- GET_LOOKUP_MEANING*(lookup_type , lookup_code)* function enables Oracle FastFormula to translate a lookup code into a meaning. This can be used for any descriptive flexfield items or developer flexfield items that are based on lookups. For example:

  GET_LOOKUP_MEANING (’ETH_TYPE’, PEOPLE_GB_ETHNIC_ORIGIN)

- The Organization Hierarchy Diagrammer and the Position Hierarchy Diagrammer are in full production. These diagrammers are launched within your application using ADE, to enable you to graphically create and maintain your organization and position hierarchies
- Oracle HRMS is providing Web interfaces for two of its modules.
- The Position Occupancy folder enables you to see all employees who have occupied a selected position or who are scheduled to occupy it.
- Salary Management folder enables you to review new salary proposals and give them bulk approval. Using Oracle’s Application Data Export feature (ADE), you can download the folder to a spreadsheet to update salary components and recalculate new proposals.
- PER_PERWSEPY_APPROVE function enables you to control which responsibilities can approve salary proposals. Without this function, users can enter salary proposals, but they cannot approve them.

Changes to Reports

- The Employee Movements (HR) report has been renamed Employee Organization Movements.
- The Employee Movements (Payroll) report has been renamed Employee Payroll Movements.
- There is a new Audit Report.
- Payroll Message Report lists messages produced during payroll runs. You can list the information either by payroll processes or by payroll process types. All parameters are optional except for Payroll Name.

Changes to Windows

- You can use the new Beneficiaries check box in the Contact window to record a contact as the recipient of a benefit that an employee receives from his or her employment.
- The name of the Absence and Attendance Details window has been changed to the Absence Details window.
- Salary Administration now supports multiple components for a single salary proposal
- The DateTrack History window displays changes in reverse date order. So, the latest change is now displayed first. The record that corresponds to the current effective date is highlighted.
- There is a new Copy To button in the Define Task Flow window. You can query an existing task flow and copy it to a new name. This speeds up the development of new task flows based on existing ones.
- The Person and Assignment forms are combined in a single form.
- There is a new Merge button in the Letter Requests window that invokes the new ADE feature and automatically merges the request list with the appropriate standard letter.
- The three radio buttons for Gender have been replaced by a pop list next to the Prefix field.
- The Type and Hire Date fields have been relocated to the top right side of the window.
- The new Suffix field in the Person window holds suffix–type details of a name, such as Jr., Sr., or III. This unvalidated, free-form text field prints and affects alpha sort sequences.
- The Attachments feature enables you to link a range of multiple items to a single record. You can continue to attach comments text of up to 2000 characters, fully replicated, to your application data. In addition, you can link long text pages, images, OLE objects, and Web pages. The original Comments facility is the default.

FastFormula

- There is a new FastFormula function (UPPER) to convert text strings to uppercase.
- There is a new FastFormula function (NUM_TO_CHAR) to convert a number to text using a specified format.

- There are two new database items: SESSION_DATE and SYSDATE.

Production Releases 1–15 — U.K. Legislations

This section presents an overview of the enhancements that have been made to the U.K. legislative version of Oracle HRMS since it was included as a Release 10SC Production product in Production 10.5.0.5SC.

For changes made to all versions of Oracle HRMS, see Production Releases 1–15 — All Legislations.

For changes made to the U.S. version of Oracle HRMS, see Production Releases 1–15 — U.S. Legislations.

New Features

For complete instructions and documentation on new features, see the online help.

- Start of Year process updates tax information held for each employee.
- Elements, formulas, and balances for administering court orders and for calculating Director's NI have been added.
- Cheque Writer process prints cheques for a selected payroll or consolidation set.
- You can now aggregate multiple earnings where this is required to calculate an employee's NIC.
- Employers can claim up to a year's NIC charges for qualifying employees starting work on or after 6 April 1996 under current back to work legislation.
- Void Cheque Payments enables you to void cheques that have been printed but need to be cancelled
- The new Non–Third Party Payment Court Orders versions of Court Order elements enable you to make court order payments outside Oracle Payroll.

Changes to Reports

- The Payroll Message report lists messages produced for payroll processes associated with payroll runs.

- The Employee Movements (HR) report and Employee Movements (Payroll) report have been renamed Employee Organization Movements and Employee Payroll Movements, to more accurately express their purpose.
- The Assignments Unavailable For Processing Listing lists the assignments that will not be processed by a payroll run and gives the reason.
- Payroll Statutory Calendar Listing lists for each payroll run the statutory week and month, and shows the time periods defined for each payroll in the sequence of regular payment date.
- The Pay Advice report can now be used to generate a pay advice for a single employee, as well as for all employees on a payroll.
- Two example printer definition files are supplied for printing pay advices and P45s on preprinted stationery. You may need to adapt these for printing on your choice of stationery and printers.
- Pay Advice Report enables you to specify a sort sequence of up to 6 segments from the People Group flexfield, together with either name or assignment number.
- The Multiple Assignments Report lists employees marked for multiple processing and indicates where Priority Processing Type is not set and cannot be defaulted.
- The new Payroll Statutory Calendar report checks your payroll processing timetable and summarizes payroll processing details. You can use this report to check the timetable of payroll processing for multiple assignments and to monitor payroll processing.
- The Costing Breakdown Report for Costing Run shows summarized totals of payroll calculations for a selected costing process.
- Costing Breakdown Report for Date Range shows summarized totals of payroll calculations for a selected consolidation set or payroll run for a specified interval.
- The Unmatched P9 Tax Records report has been renamed the Start of Year Unmatched P9 Records report.
- The P45 Report has two new parameters, giving you the option to restrict the running of the process by payroll and / or date range.

Changes to Windows

- The Pay Advice Report window displays prepayment results if you choose the SOE Report button in the Employee Assignment Processes window and select a payroll run that has been prepaid.
- The SOE window displays 12 balances, which can be viewed in a scrolling list. This number matches the number of balances detailed in the Pay Advice Report. The Messages block is now part of the main window display. Home addresses are no longer displayed in the SOE window.
- The Statutory Details window has a new field, Period Types. You select a period type in this field when you need to prioritize multiple assignment processing for NIC processing.
- The Person window has a new check box, NI Multiple Assignments in the Employment Information region. Select this check box to set up multiple assignment processing for an employee.
- The Payroll window Statutory Details flexfield has new segments to record information for SSP / SMP users and for multi–day BACS users.

Changes to Processes

- Initial Balance Upload migrates balances from a previous payroll application into Oracle Payroll when setting up the system.
- The End–of–Year process produces statutory year–end tax return on all employees for the Inland Revenue. You can run the process in one of two modes:
  - The full process creates a .mf file for production of a magnetic tape, a log file, P60 reports for each employee, a P35 listing, and a report summarizing multiple assignment information on the return.
  - The P35 listing can be run at any time by itself, either as a record or as a check against payment figures.
- The Start–of–Year process has a new Tax Code Uplift from Tape mode, which transfers new tax code and tax basis details to your database.

Changes to the BACS Process

- Two new flexfields segments have been defined: BACS Processing Rule, which appears in the Payroll window, and Bank Branch Location, which appears in the Organizational Payment Methods window. These will be used by the BACS process in a future release.
- The BACS process includes multi–file and multi–day processing. Oracle Payroll now supports BACS magnetic tape submission in four formats:
  – single file single day
  – single file multi–day
  – multi–file single day
  – multi–file multi–day

Changes to Element Classifications

All classifications are now costable, and elements from all classifications can be included in distribution sets.

New QuickCodes for Oracle Payroll

There are two new QuickCode Types to which you can add values:

- GB_CHEQUE_REPORT (used by the Cheque Writer process)
- GB_FUEL_TYPE (used by the NI Car elements)

There are new or changed seeded values for the following extensible QuickCode Types, which are all used in the Statutory Details window:

- GB_AUTHORITY
- GB_CERTIFICATE
- GB_PENSION

Production Releases 1–15 — U.S. Legislations

This section presents an overview of the enhancements that have been made to the U.S. legislative version of Oracle HRMS since it was included as a Release 10SC Production product in Production 10.5.0.5SC.

For changes made to all versions of Oracle HRMS, see Production Releases 1–15 — All Legislations.

For changes made to the U.K. version of Oracle HRMS, see Production Releases 1–15 — U.K. Legislations.

New Features

For complete instructions and documentation on new features, see the online help.

- W–2 Wage and Tax Statement can be produced on magnetic tape.
- You can initialize balances if you install Oracle Payroll after the start of the year.
- You can adjust the Tax Balances window so that Payroll users can enter adjustments to the tax balances, Employee Withheld, or Gross Earning Subject To Tax.
- Payroll users can now initiate deductions for a variety of wage attachments.
- The PayMIX Costing key flexfield now displays as many segments as you have defined.
- Void Payments Process enables you to void checks that have been printed but need to be cancelled.
- Local Taxability Rules allows you to identify, enter, and maintain taxability rules for earnings and pre-tax deductions for county, city, and school district for any given state.
- Regular Non-Worked Hours allows you to date effectively reduce regular wages for earnings types according to your business rules, such as paid holidays, jury duty, and so on.
- Wage Attachments Fee Administration allows you to date effectively maintain fees and fee limits for administering wage attachments in a given state according to your company policy.

Changes to Reports

- New Hire report lists recently hired or rehired employees and certain information about these employees.
- Employee W2 report is the annual statement of earnings that employers file for each employee.
- State Quarterly Wage Listings reports are now available.

- Third Party Payment Register provides details of all payments made to third parties from deductions processed in the payroll run.

Changes to Windows

- Covered Dependents and Beneficiaries are new windows.
- The Absence Attendance Detail window is renamed Absence Detail.
- The new Cities window allows you to create additional cities with a population below 250. The list of cities that is supplied and maintained by the Vertex component of payroll comprises cities of more than 250 residents.
- Two supplemental earnings tax category names have changed:
  - Moving Expense Reimbursement is renamed Moving Expense – NonQualified.
  - Deferred Compensation Plan is renamed Deferred Comp Plan Distribution.
- Three new tax categories have been added:
  - Moving Expense – Qualified has been added to Supplemental Earnings and Imputed Earnings.
  - Moving Expense – NonQualified has been added to Imputed Earnings.
- The NACHA Standard Entity Class Code field is removed.
- Individual Identification field is added is added to NACHA. The valid values for this field are Employee Number or Social Security Number.
- The SOE now includes Multiple rates of pay for those employees with multiple assignments or overtime during the pay period.
- W941 is now called Employers Quarterly Federal Tax Information. The top fields have been grouped into a block called Criteria. The Get 941 Balances button cannot be selected until the Criteria block has been completed.
- Check Writer Process parameter flexfield Check Style field gives you the choice of payroll check or third–party check.
- The Taxability Rules window has been changed to accommodate local tax rules.

Production Release 16 — All Legislations

This section presents an overview of the enhancements that have been made to all versions of Oracle HRMS between Release 10.7 and 10SC Production 16.

For changes to Oracle HRMS U.K. Legislation, see Production Release 16 — U.K. Legislations.

For changes to Oracle HRMS U.S. Legislation, See Production Release 16 — U.S. Legislations.

New Features

- You can enter multiple telephone numbers for people in the HRMS database. This can include numbers for paging devices, mobile phones and fax machines.
- The function PER_PERWSEPY_APPROVE enables users to approve salary proposals. The user function name is Salary Administration: Approve. This function is not on the supplied menus and should be added, where appropriate, by the system administrator.

Changes to Windows

- The People window has additional alternative regions, which enable you to enter new attributes for employees and applicants. The layout of the Name region has been changed.
- The Salary Basis window allows you to select a basis (hourly, monthly, annual or period) for the grade rate used to validate salary entries. If appropriate, the basis of the grade rate can be different from the salary basis. The system converts them to the same basis for the purpose of validating a new salary entry.

Production Release 16 — U.K. Legislations

This section presents an overview of the enhancements that have been made to Oracle HRMS U.K. legislation between Release 10.7 and 10SC Production 16.

For changes to Oracle HRMS for all legislations, see Production Release 16 — All Legislations.

For changes to Oracle HRMS U.S. Legislation, See Production Release 16 — U.S. Legislations.

New Features

- The Create Balance Dimension process enables payroll users to create their own balance dimensions.
- The Balance dimensions feature has three new predefined standard dimensions:
  - _ASG_CALENDAR_QTD
  - _ASG_CALENDAR_YTD
  - _ASG_QTD
- Start of Year Resume process enables you to resume running Start of Year processing if you terminate the process in mid–run.
- Void Payments Report shows details of cancelled payments.

Changes to Windows

Nonrecurring entries can now be reprocessed in payroll runs after run reversals.

Production Release 16 — U.S. Legislations

This section presents an overview of the enhancements that have been made to Oracle HRMS U.S. legislation between Release 10.7 and 10SC Production 16.

For changes to Oracle HRMS for all legislations, see Production Release 16 — All Legislations.

For changes to Oracle HRMS U.K. Legislation, see Production Release 16 — U.K. Legislations.

New Features

- Workers' Compensation supports both employee and employer contributions to Workers' Compensation Insurance. Contributions can be calculated in a number of ways:
  - Percent of Subject Earnings

– Hourly Rate
– Flat Amount Per Period

Surcharges, experience and liability modifications, and premium discounts are supported for all methods. Employees can be exempted from Workers' Compensation withholding at the assignment level.

- Default Workers' Compensation Code Mapping allows you to run a process to map all of the available jobs to a single Workers Compensation code. Use this mapping when you have employees in a state with only one Workers' Compensation code, or very few. You can manually change those employees who are not part of the default.
- Wage and Tax Reporting has been enhanced.
- Annual FUTA Tax Return Work Sheet (Form 940) determines 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 Federal Unemployment (FUTA) Tax Return*.
- Quarterly Federal Tax Return Work Sheet (Form 941) must be filed by all employers that withhold federal income tax from employee compensation and are subject to withholding and payment of social security and / or Medicare taxes.

  Form 941, *Employer's Quarterly Federal Tax Return*, provides the IRS with a report of each employer's total taxable wages paid and payroll tax liability, which is then reconciled with the employer's record of tax deposits and wage and tax information provided to employees on their W-2 forms.
- Void Payments Report shows details of cancelled payments.
- Supplemental Tax Override supports supplemental tax override rates at the assignment level for both federal and state taxes. Separate rates can be specified for each state and the federal level on the employee tax information.

Changes to Reports

- The Parameters window for Employee W-2 Report includes a new field called Social Security Number. You can query for Social Security Number as well as employee name.
- The Payroll Run field is deleted from the Parameters window on the Deduction Not Taken Report. You must enter either the Payroll field or the Consolidation Set field.

Changes to Windows

- Workers Compensation Rates and Codes window has four new fields:
  - Calculation Method
  - Employer Rate (previously called Rate)
  - Employee Rate
  - Period
- The FIT Override field in the Tax Rules window has been changed so that you can select one of two alternatives: FIT Override or Supp. Tax Override. The SIT Override field has been changed so that you can select one of two alternatives: SIT Override or Supp. Tax Override.
- The State Tax Rules window has one new field, State Supplemental Tax Calculation Rate.

Production Release 16 — Database Objects

See the Oracle Applications Human Resources Technical Reference Manual for details about changes to the database between Release 10.7 and 10SC Production 16.

Production Release 16.1 — All Legislations

This section presents an overview of the enhancements that have been made to all legislative and generic versions of Oracle HRMS between Release 10SC Production 16 and Production 16.1.

For changes made to the U.K. version of Oracle HRMS, see Production Releases 16.1 — U.K. Legislations.

For changes made to the U.S. version of Oracle HRMS, see Production Releases 16.1 — U.S. Legislations.

New Features

- New Element Entry API which provides an API interface to insert, update and delete element entries.
- 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

Changes to Forms

- There is a new Status field on the Position form that controls whether employees can be assigned to the position. Leaving this field blank does not affect existing functionality.
- The Define Organizations and Define Positions forms are now based on the secured views of organizations and positions.
- There are slight, cosmetic changes to the layout of several forms for Apps NLS standard compliance.

Production Release 16.1 — U.K. Legislations

There are no changes to Oracle HRMS U.K. legislation and all generic versions between Release 10SC Production 16 and Production 16.1.

For changes to Oracle HRMS for all legislations, see Production Release 16.1 — All Legislations.

For changes to Oracle HRMS U.S. Legislation, see Production Release 16.1 — U.S. Legislations.

Production Release 16.1 — U.S. Legislations

This section presents an overview of the enhancements that have been made to Oracle HRMS U.S. legislation and all generic versions between Release 10SC Production 16 and Production 16.1.

For changes to Oracle HRMS for all legislations, see Production Release 16.1 — All Legislations.

For changes to Oracle HRMS U.K. Legislation, See Production Release 16.1 — U.K. Legislations.

Changes to Reports

- The Cash report has been removed from seeded U.S. security groups.
- The paper W2 report now requires the Government Reporting Entity parameter.

Changes to Forms

- The Employment Information Alternative region on the Person form has been changed. The I9 field now has a list of values rather than being a checkbox.

Production Release 16.1 — Database Objects

This section lists changes made to the database between Release 10SC Production 16 and Production 16.1.

- There is a new column on PER_POSITIONS: STATUS VARCHAR2 (30)
- There is a new column on PAY_ELEMENT_ENTRIES_F: OBJECT_VERSION_NUMBER NUMBER (9)
- There is a new column on PAY_PAYROLLS_F: AREAS_FLAG VARCHAR2 (30)

CHAPTER

12 Oracle Inventory

This chapter lists new features included in Release 10SC of Oracle Inventory. It also describes changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

Oracle Inventory has no new features or changes for Release 10SC Production 16.1.

What's New in Release 10 SmartClient

This section contains an overview of the changes made to Oracle Inventory for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16. There are no new features for Production Release 16.1

Production Releases 1–15

This section presents an overview of the enhancements that have been made to Oracle Inventory since it was included as a Release 10SC Production product in Production 12.

New Features

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

The Transactions window is 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

The Pending Transactions window is 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

The Transaction Interface window is 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

This 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

This 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

The 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

With the ABC Assignment Groups window, you can 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

This window displays summarized transaction history and the 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, etc. You can 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.

New Windows

- Ship Method QuickCodes
- Inter–org Shipping Methods (accessible from the Special menu in the Shipping Networks window)
- Container Types

New Profile Options

- INV:Transaction Date Validation
- TP:Server Side Online Processing

Production Release 16

This section presents an overview of the enhancements that have been made to Oracle Inventory between Release 10.7 and 10SC Production 16.

New Features

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

The 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

This 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

You can now 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

We added the Intercompany Relations window so that you can 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.

Window	Fields added
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:

[1]These fields are present only when transaction types are tied to projects and when project references are enabled for the organization.

[2]This 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.

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

Improved Reports

- Min–max Planning Report
- Multi–org Quantity Report

New Processes

- Import Customer Items
- Import Customer Item Cross References

Database Objects

Oracle Inventory includes these database changes since Release 10.7 of Oracle Applications. For more information, see the *Oracle Application Object Library Technical Reference Manual*.

Production Release 16

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

New Views

The following new views support Project Manufacturing functionality:

- MTL_PROJECT_V
- MTL_TASK_V

Modified Tables

MTL_MATERIAL_TRANSACTIONS

The following new columns support Project Manufacturing and WIP Weighted Average Costing functionality:

- 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)

MTL_MATERIAL_TRANSACTIONS_TEMP

There new columns provide WIP weighted average information to support WIP Weighted Average Costing functionality.

- MATERIAL_ACCOUNT (NUMBER)
- MATERIAL_OVERHEAD_ACCOUNT (NUMBER)
- RESOURCE_ACCOUNT (NUMBER)

- OUTSIDE_PROCESSING_ACCOUNT (NUMBER)
- OVERHEAD_ACCOUNT (NUMBER)

MTL_TRANSACTIONS_INTERFACE

These new columns provide WIP weighted average information to support WIP Weighted Average Costing functionality.

- MATERIAL_ACCOUNT (NUMBER)
- MATERIAL_OVERHEAD_ACCOUNT (NUMBER)
- RESOURCE_ACCOUNT (NUMBER)
- OUTSIDE_PROCESSING_ACCOUNT (NUMBER)
- OVERHEAD_ACCOUNT (NUMBER)

Modified 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.

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.

New Lookups

MFG_LOOKUPS

MTL_RELEASE_TIME_ FENCE	Used to specify the type of time fence to assign to the new item attribute RELEASE_TIME_FENCE_CODE
INV_SRS_MMX_ REPORT_FORMAT	Used to determine the format to use when displaying the enhanced Min–max report.

Profile Options

Oracle Inventory includes the following profile option changes made since Release 10.7 of Oracle Applications.

Production Release 16

The following profile option changes were made between Release 10.7 of Oracle Applications and 10SC Production Release 16.

New Profile Options

INV:Minmax Reorder Approval	*Approved* or *Unapproved* indicates the status of requisitions created by the Min–max Planning Report. Inventory predefines a value of *Approved* for this profile for all levels upon installation. If you choose *Unapproved*, 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.

CHAPTER

13

Oracle Master Scheduling / MRP and Supply Chain Planning

This chapter lists new features included in Release 10SC of Oracle Master Scheduling / MRP and Supply Chain Planning and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Master Scheduling / MRP and Supply Chain Planning has no changes to profile options and seed data.

What's New in Release 10 SmartClient

This section contains an overview of the enhancements made to Oracle Master Scheduling / MRP and Supply Chain Planning for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16, and in Production Release 16.1.

Production Releases 1–15

This section lists the enhancements that have been made to Oracle Master Scheduling / MRP and Supply Chain Planning since it was included as a Release 10SC Production product in Production 3.

New Features

Memory–based Planning Engine

The Memory–based Planning Engine efficiently 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.

The following paragraphs contain all such functions and procedures, along with a description of each.

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

You can 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

You can 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

You can 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

You can 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

Oracle Supply Chain Planning is a powerful tool that 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

New and Improved Windows

Several new windows have been added.

- Enterprise View
- Define Sourcing Rule
- View Sourcing Rule
- Define Bill of Distribution
- View Bill of Distribution
- Sourcing Rule Assignments
- View Sourcing Rule Assignments
- Bill of Distribution Assignments
- View Bill of Distribution Assignments
- Find Assignments
- Plan Organizations
- Sources
- Destinations
- Sourcing Assignment Hierarchy
- View Sourcing Assignment Hierarchy
- View Supply Chain Bill

- Supply Chain Planner Workbench
- Supply Chain Plan Options
- Supply Chain Horizontal Plan
- Supply Chain Exceptions
- Supply Chain Supply / Demand
- Supply Chain Implement Property Sheet
- Supply Chain Items
- Supply Chain Components
- Supply Chain End Assemblies
- Supply Chain Where Used
- DRP Names
- DRP Options
- DRP Launch
- DRP Plan Status

The following windows have been enhanced:

- Planner Workbench
- Horizontal Plan

New and Improved Reports

Several new reports have been added:

- 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

The following reports have been enhanced:

- Current Projected On Hand vs. Projected Available Report

- Demand vs. Replenishment Graphical Report
- Planning Detail Report

Production Release 16

This section lists the enhancements that have been made to Oracle Master Scheduling / MRP and Supply Chain Planning between Release 10.7 and 10SC Production 16.

New Features

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.

Planning Group QuickCodes

The new Planning Group QuickCodes window supports project manufacturing in a future release.

Online Planner

To support a future release, Oracle Master Scheduling / MRP and Supply Chain Planning has added a region (Net Change Replan) to the replace the Net Change Replan button, and a new window (On–Line Planner Status) in the Planner Workbench.

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 checkbox Pegging with two fields: Reservation Level and Hard Pegging Level.
Plan Status	New region and checkbox 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 and Improved Windows

Several new windows have been to support a future release.

- Assign Project Parameters
- Find Project Parameters
- Project Onhand
- Define Seiban Numbers
- Online Planner Status

The following windows have been enhanced to support a future release:

- Item Forecast Entries
- Item Master Demand Schedule Entries
- Item Master Production Schedule Entries
- Plan Status
- Planner Workbench

Production Release 16.1

This section lists the enhancements that have been made to Oracle Master Scheduling / MRP and Supply Chain Planning between 10SC Production Release 16 and Production Release 16.1.

New Features

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 a greater number of planning problems and make effective planning decisions. You can also save and compare the messages generated by each planning run.

Online Planner (Beta)

Use the online planner to 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.

Suppler 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.

New Windows

The following windows have been added to support the enhanced exception messages feature:

- Exception Detail
- Exception Summary
- Find Exceptions

The following windows have been 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.

Modified Windows

The following windows have been modified to support the online planner and the copy plan features:

- Plan Options
- Planner Workbench

The following windows have been modified to support project MRP:

- Enterprise View
- Horizontal Plan

The following windows have been modified to support the addition of the among operator in MRP find windows:

- Find Items
- Find Supply / Demand

Implemented Windows

The following windows, added or modified in 10SC Production 16, 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

The Online Planner Status window, added in 10SC Production 16.1, has been implemented to support the online planner feature.

Database Objects

Oracle Master Scheduling / MRP and Supply Chain Planning 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*.

Production Release 16

The following database objects have been added, modified, 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

Modified Tables

MRP_WORKBENCH_DISPLAY_OPTIONS

Contains information on display preferences in the planner workbench. The following new columns were added:

- GROUP_BY_CODE
- JOB_CLASS_CODE
- SUMMARY_EXP_LOT
- IND_DEMAND_TYPE
- SOURCE_LIST

MRP_CRITERIA

Contains information that controls find block functionality. The following new columns support enhance find block functionality:

- LOV_TYPE
- LONG_LIST

MRP_ITEM_EXCEPTIONS

Contains information on item exception messages. The following new columns support exception message enhancement for project manufacturing in a future release:

- PROJECT_ID
- TASK_ID

MRP_ITEM_PURCHASE_ORDERS

Stores a copy of all active purchase orders, purchase requisitions, purchase orders in receiving, intransit shipments, or intransit receipts. The new column PLANNING_GROUP supports project manufacturing in a future release.

MRP_ITEM_WIP_ENTITIES

Stores a copy of all active discrete jobs. The new column PLANNING_GROUP supports project manufacturing in a future release.

MRP_PLANS

Stores the settings that determine the behavior of the planning process for a given plan name. The following new columns support project manufacturing in a future release:

- CURR_RESERVATION_LEVEL
- RESERVATION_LEVEL
- CURR_HARD_PEGGING_LEVEL
- HARD_PEGGING_LEVEL

MRP_RECOMMENDATIONS

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:

- 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

MRP_RESERVATIONS

Stores information regarding material reservations from the inventory system. The new column PLANNING_GROUP supports project manufacturing in a future release.

MRP_WIP_COMPONENTS

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_RELIEF_INTERFACE

Stores information used for master schedule relief. The following new columns support project manufacturing in a future release:

- PROJECT_ID
- TASK_ID
- OLD_PROJECT_ID
- OLD_TASK_ID

MRP_SR_ASSIGNMENTS

Stores information used for sourcing rule assignments in Supply Chain Planning. The following new columns support Supplier Planned Inventories in a future release:

- CUSTOMER_ID
- SHIP_TO_SITE_ID

MRP_SR_SOURCE_ORG

Stores information used for sourcing rules in Supply Chain Planning. The following new columns support project manufacturing in a future release:

- PROJECT_ID
- TASK_ID

Modified 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

Modified Indexes

MRP_SR_ASSIGNMENTS_U2 was modified.

Production Release 16.1

The following database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1.

New Tables

MRP_AMONG_VALUES has been added to support the addition of a new operator in the Find Items, Find Supply / Demand, and Find Exceptions windows.

New Views

The following views have been added to support the enhanced exception messages feature:

- MRP_EXCEPTION_DETAILS_V
- MRP_EXCEPTION_SUMMARY_V

Modified Tables

MRP_FILES

The following columns support the copy plan feature:

- COPY_FLAG
- ROW_COUNT

MRP_FULL_PEGGING

A new column called END_ORIGINATION_TYPE supports the enhanced exception messages feature.

MRP_ITEM_EXCEPTIONS

The following columns support the enhanced exception messages feature:

- PLANNING_GROUP
- VERSION

MRP_ONHAND_QUANTITIES

A new column called TRANSACTION_ID supports the full pegging feature.

MRP_SELECTION_CRITERIA

A new column called COUNT_BY supports the enhanced exception messages feature.

Modified Views

The following views were modified:

- 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

Implemented Tables

The following tables, added in Release 10.7, have been implemented to support Oracle Supply Chain Planning features:

- MRP_SOURCING_RULES
- MRP_SR_ASSIGNMENTS
- MRP_ASSIGNMENT_SETS
- MRP_SR_RECEIPT_ORG
- MRP_SR_SOURCE_ORG
- MRP_PLAN_ORGANIZATIONS
- MRP_PLAN_SCHEDULES
- MRP_ITEM_SOURCING
- MRP_WIP_RESOURCES
- MRP_PLANS
- MRP_MATERIAL_PLANS
- MRP_SYSTEM_ITEMS
- MRP_SCHEDULE_DESIGNATORS
- MRP_DESIGNATORS

MRP_ITEM_EXCEPTIONS, modified in Release 10.7, has been implemented to support the enhanced exceptions feature.

The following tables, modified in Release 10.7, have been implemented to 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

The following tables, modified in Release 10.7, have been implemented to support the project MRP feature and Oracle Supply Chain Planning:

- MRP_RECOMMENDATIONS
- MRP_GROSS_REQUIREMENTS

The following table, added in 10SC Production 16, have been implemented to support the project MRP feature:

- MRP_ONHAND_QUANTITIES
- MRP_PROJECT_PARAMETERS
- MRP_SEIBAN_NUMBERS

The following tables, modified in 10SC Production 16, have been implemented to 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

MRP_SR_ASSIGNMENTS, modified in 10SC Production 16, has been implemented to support the supplier planned inventories feature.

MRP_EXCEPTION_DETAILS, added in 10SC Production 16, has been implemented to support the enhanced exceptions feature.

Implemented Views

The following views, added in Release 10.7, have been 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

The following views, added in Release 10.7, have been 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

MRP_DESIGNATORS_V, modified in Release 10.7, has been implemented in 10SC Production 16.1.

The following views, added in 10SC Production 16, 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

MRP_CUST_SUP_ORG_V, added in 10SC Production 16, has been implemented to support the supplier planned inventories feature.

The following views, added in 10SC Production 16, were also implemented:

- MRP_PLAN_SCHED_V

- MRP_ITEM_LOT_QUANTITIES_V
- MRP_ORG_QUANTITY_V
- MRP_TEMP_QUANTITY_V

The following views, modified in 10SC Production 16, 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

Implemented 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

The following indexes, added in 10SC Production 16, were implemented to support the project MRP feature:

- MRP_SEIBAN_NUMBERS_U1
- MRP_PROJECT_PARAMTERS_U1

Implemented Sequences

MRP_SR_ASSIGNMENTS_U2, added in 10SC Production 16, has been implemented to support the supplier planned inventories feature:

New Concurrent Programs

The following programs were added to support the online planner feature:

- Online Planner (MRPCOLP)
- Online Planner Delete Worker (MRPCODW)

The following programs were 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)

New Executables

The Copy Plan (MRCCPP) executable was added to support the copy plan feature.

Implemented Concurrent Programs

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

Implemented PL/SQL Packages and Procedures

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

Implemented 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

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 database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1.

New Messages

The following messages were added to support the copy plan feature:

- EC_LAUNCH_MRP_COPY_MPS_PLAN
- EC_LAUNCH_MRP_COPY_PLAN
- EC_LAUNCH_SCP_COPY_DRP
- EC_LAUNCH_SCP_COPY_DRP_PLAN
- EC_LAUNCH_SCP_COPY_MPS
- EC_LAUNCH_SCP_COPY_MPS_PLAN
- EC_LAUNCH_SCP_COPY_MRP
- EC_LAUNCH_SCP_COPY_MRP_PLAN

The following messages were added to support the project MRP feature:

- IMP–INVALID PROJECT ID
- IMP–INVALID TASK ID
- GEN–TASK ID REQUIRED
- GEN–PROJECT ID REQUIRED

The following messages were added to support the online planner feature:

- MRP_OLP_QUERY_FIND
- MRP_PLANNER_WARNING

The following messages were added to support the enhanced exception messages feature:

- EC_EFFECTIVE_DATE
- EC_FIND_EXCEPTIONS
- MRP_NOT_CURRENT_VERSION
- MRP_OPERATOR_REQUIRED
- MRP_SAVED_VERSION

MRP_CUST_SUPP_ORG was added to support the supplier planned inventories feature.

The following messages were added in 10SC Production 16.1:

- MRP_NO_PEGGING_PLAN
- MRP_IN_SOURCE_PLAN
- MRP_COMMIT_WARNING
- MRP–NO QUERY FIND
- GEN–UNABLE TO ACTION FIELD
- GEN–NO GREATER THAN
- GEN–GREATER THAN OR EQUAL TO
- GEN–CANNOT MODIFY ENTRIES
- SNAP–LOCKFILE PROBLEM
- VLTOCH–INVALID MASK

New Lookup Types

MRP_EXCEPTION_VERSION was added to support the enhanced exception messages feature.

New Value Sets

The following value sets were 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

Modified Lookup Types

The following lookup types were modified to support the enhanced exception messages feature:

- MRP_EXCEPTION_TYPE
- MRP_SNAPSHOT_DELETE TASK
- MRP_EXCEPTION_CODE_TYPE
- MRP_FLP_SUPPLY_DEMAND_TYPE

Implemented Lookup Types

The following lookup types, added in Release 10.7, 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

Implemented Value Sets

The following new value sets, added in Release 10.7, 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

Profile Options

Oracle Master Scheduling / MRP and Supply Chain Planning includes profile option changes made since Release 10.7 of Oracle Applications.

Production Release 16.1

The following profile options have been changed between Release 10SC Production Release 16 and Production Release 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.

Implemented Profile Options

The following profile options, added in Release 10.7, were implemented to support Oracle Supply Chain Planning.

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.

CHAPTER

14

Oracle Order Entry/Shipping

This chapter lists new features included in Release 10SC of Oracle Order Entry/Shipping and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient (10SC)
- Database Objects
- Seed Data
- Profile Options

Oracle Order Entry/Shipping has no new features or changes for Release 10SC Production 16.1.

What's New in Release 10 SmartClient

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. There are no new features for Production Release 16.1.

Production Release 16

This section presents an overview of the enhancements that have been made to Oracle Order Entry / Shipping between Release 10.7 and 10SC Production 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 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.

Improved 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*.

Production Release 16

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

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 the profile options, see the *Oracle Order Entry / Shipping User's Guide*.

Production Release 16

There following profile options have been added in Release 10SC Production 16.

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.

Bit Value/Profile Option Value	Logging Enabled
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.

Improved 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.

CHAPTER

15 Oracle Payables

This chapter lists new features included in Release 10SC of Oracle Payables. It also describes changes made to database objects, profile options, and seed data made to Oracle Payables between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

Oracle Payables has no changes to database objects, seed data, or profile options for Production Release 16.1.

What's New in Release 10 SmartClient

This section contains an overview of changes made to Oracle Payables for Release 10 SmartClient (10SC). It describes features added between Production Releases 1 and 15, as well as features that are new in Production Release 16. There are no new features for Production Release 16.1.

Graphical User Interface Features

Oracle Payables Release 10SC introduces the graphical user interface (GUI) version of Oracle Payables. Release 10SC uses a new GUI front end on the client and a standard Release 10.7 database and concurrent programs on the server.

The graphical user interface is based on Oracle Forms 4.5, which includes several powerful new features such as folder forms, buttons, checkboxes, and alternative regions. You can perform tasks by using the keyboard, or you can point and click with a mouse.

All the Oracle Payables forms have been rewritten and the user interface enhanced to take advantage of the new technology afforded by the GUI tools.

Workbench Model

Oracle Payables is now organized so that you can access many of the forms through integrated workbenches. Workbenches combine the windows needed to complete related tasks. This improves task flow and increases visibility of functions. GUI Oracle Payables provides the Invoice workbench and the Payment workbench.

The workbench model consolidates many of the different invoicing and payment forms in the character–mode product. Entry, updates, and inquiry can all be performed in the same form. Function security allows you to control access to functions. Hence, the new model is easier to use and requires less training.

Folder Forms

The graphical interface allows the user to customize screen layouts in special blocks called Folders. In each folder, you can choose fields you want to display; 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.

The following folder windows are available in Release 10SC:

- Invoices Summary
- Distributions
- Invoice Distributions Summary
- Invoice Batches
- Payments Summary
- Payment Batches
- Suppliers Summary

Integrated Banks

You can now enter remittance, disbursement, supplier, and customer banks and set up clearing houses in a single form (Banks). You can enter bank codes for use with Oracle Cash Management and payment documents for your disbursement banks. You can access this form from both Oracle Payables and Oracle Receivables and use function security to limit access to product–specific buttons and regions.

> **Note:** If you do not have Receivables and / or Cash Management installed, the regions for these products are automatically hidden.

The following forms have been merged:

- Define Remittance Banks
- Define Customer Banks
- Define Banks (Oracle Payables)

Attachments

You can link non–structured data (such as images, word processing documents, spreadsheets or video) to more structured application data. For example, if you have a complex invoice, you can scan it and attach it to an invoice you enter. The toolbar Attachment icon indicates whether the Attachments feature is enabled, and if the current record has at least one attachment.

Additional Inquiry Capabilities

Find windows provide a greater range of search criteria for invoices and payments, including amount, date, GL account ranges, and invoice or payment statuses. In addition, the Invoice Overview and Payment Overview windows allow you greater flexibility in reviewing detailed information.

Production Releases 1–15

This section presents enhancements that have been made to Oracle Payables since it was included as a Release 10SC Production product in Production 8.

New Features

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 Oracle Payables to your bank statements. Cash Management updates the status of Oracle Payables payments to Reconciled, and, if you enable the Allow Reconciliation Accounting Payables option, creates reconciliation accounting entries. Oracle Payables transfers the accounting entries to your general ledger when you post payments in Oracle 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 Oracle 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 10SC 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, Oracle 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 Oracle 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 currently has a Beta status and should be used only with a test or demonstration database. Contact the Oracle Payables Product Manager for approval before you use it in a production environment.

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 Oracle Payables and matches it to the corresponding purchase order. You can then approve and pay these purchase order–matched invoices using standard Oracle 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 Oracle 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 Oracle 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 Oracle 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.

Production Release 16

This section lists the enhancements that have been made to Oracle Payables between Release 10.7 and 10SC Production 16.

New Features

Oracle EDI Gateway Integration

You can integrate Oracle Payables with the Oracle EDI Gateway, which, together with a third–party translator, formats electronic payments and delivers them to your bank.

> **Note:** The Oracle EDI Gateway integration currently has a Beta status and should be used only with a test or demonstration database. To use it in a production environment, contact the Oracle EDI Gateway Product Manager for approval.

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 Oracle 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 the Expense Reports window to audit the 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.

> **Note:** For information on the availability of Oracle Applications for the Web 2.0, contact your local Oracle representative.

Multiple Supplier Banks

If you enable the Use Multiple Supplier Banks Payables 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 currently has a Beta status and should be used only with a test or demonstration database. To use it in a production environment, contact the Oracle Payables Product Manager for approval.

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 Oracle Payables sort certain reports by the alternate name when it sorts the reports by supplier or bank.

> **Note:** The Alternate Name feature currently has a Beta status and should used only with a test or demonstration database. To use it in a production environment, contact the Oracle Payables Product Manager for approval.

Invoice Distribution Line Level Automatic Tax Calculation

Oracle 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.

For expense reports, Oracle Payables supports automatic tax calculation at the expense item line level for expense amounts that are either inclusive or exclusive of tax.

You can also specify the Precision and Minimum Accountable Unit for Oracle Payables to use when performing tax calculations for your functional currency invoices and expense reports.

> **Note:** The enhanced automatic tax calculation and rounding feature currently has a Beta status and should be used only with a test or demonstration database. To use it in a production environment, contact the Oracle Payables Product Manager for approval.

Database Objects

Oracle Payables includes the following database changes made since Release 10.7 of Oracle Applications. For more information about database objects, see the *Oracle Payables Technical Reference Manual*.

Production Release 16

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

New Views

AP_SRS_SOB_NAME_V

Created to make report submission more user–friendly.

AP_PO_USRDEF_LOOKUP_CODES_V

Created to allow Purchasing and Payables user–defined QuickCodes to be seen in the Payables Quickcodes window.

Modified Tables

AP_EXPENSE_REPORT_LINES_ALL

A new column called ADJUSTMENT_REASON (VARCHAR2(240)) was added to accommodate Oracle Web Employees 2.0 integration.

AP_INVOICE_DISTRIBUTIONS

A new column called AP_INVOICE_DISTRIBUTIONS was added to accommodate the Automatic TAx Line level calculation feature.

AP_INVOICE_PAYMENTS_ALL

A new column called EXTERNAL_BANK_ACCOUNT_ID (NUMBER(15)) was added to accommodate the Multiple Supplier Banks feature.

AP_BANK_BRANCHES

A new column called AP_BANK_BRANCHES was added to provide additional information needed for Oracle EDI Gateway integration.

AP_PAYMENT_PROGRAMS

The column width for PROGRAM_NAME (VARCHAR2(30)) from VARCHAR2 (8) to VARCHAR2 (30) was changed to accommodate program names of up to 30 characters.

Modified Views

To provide additional information for Oracle EDI Gateway integration, new columns were added to the following views:

AP_VENDORS_V

- EDI_PAYMENT_METHOD (VARCHAR2(25))
- EDI_PAYMENT_FORMAT (VARCHAR2(25))
- EDI_REMITTANCE_METHOD (VARCHAR2(25))
- EDI_REMITTANCE_INSTRUCTION (VARCHAR2(256))
- BANK_BRANCH_TYPE (VARCHAR2(225))
- EDI_TRANSACTION_HANDLING (VARCHAR2(225))

AP_VENDOR_SITES_V

- TP_HEADER_ID (NUMBER(15))

To provide additional information for the Positive Pay feature, a new column called BANK_NUM (VARCHAR2(25)) was added to AP_CHECK_STOCKS_ACTIVE_V.

To accommodate Oracle Applications for the Web integration, new columns were added to the following views:

AP_EXPENSE_REPORT_LINES

- ADJUSTMENT_REASON (VARCHAR2(240))

AP_EXPENSE_REPORT_HEADERS_V

- WORKFLOW_APPROVED_FLAG (VARCHAR2(1))
- MGMT_REVIEWED_FLAG (VARCHAR2(1))
- AP_REVIEWED_FLAG (VARCHAR2(1))

To accommodate the Multiple Supplier Banks feature, new columns were added to the following views:

AP_INVOICE_PAYMENTS

- EXTERNAL_BANK_ACCOUNT_ID (NUMBER(15))

AP_INVOICE_PAYMENTS_V

- EXTERNAL_BANK_ACCOUNT_ID (NUMBER(15))

To accommodate the enhanced Automatic Tax Calculation feature, new columns were added to AP_INVOICE_DISTRIBUTIONS_V**.**

- PO_CODE_COMBINATION_ID (NUMBER)
- TAX_CALCULATED_FLAG (VARCHAR2(1))

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_*n* 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 (VARCHAR2(150))
- AP_EXPENSE_REPORT_HEADERS_V (VARCHAR2(150))
- AP_INVOICE_DISTRIBUTIONS_V (VARCHAR2(150))
- AP_INVOICES_V (VARCHAR2(150))
- AP_PAYMENT_SCHEDULES_V (VARCHAR2(150))
- AP_RECURRING_PAYMENTS_V (VARCHAR2(150))
- AP_TAX_CODES_V (VARCHAR2(150))
- AP_VENDOR_SITES_V (VARCHAR2(150))
- AP_VENDORS_V (VARCHAR2(150))

Seed Data

Oracle Payables 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 and Release 10SC Production 16.

New Seed Data

DONT PAY REASON

NO SUPPLIER BANK ACCOUNT	Used in the Modify Payment Batch window if you use the Multiple Supplier Banks feature and a Supplier bank account is not defined for an electronic payment.

MAIL_LABEL_ATTN_MESSAGE

ATTN_MESSAGE	Added for the Attention Message on the vendor mailing labels.

MAIL_LABEL_PRINT_STYLE

FORMATTED	Used for printing Vendor Mailing Labels on 1 1/3” x 4” labels.
UNFORMATTED	Used for creating a flat file from the Vendor Mailing Labels output.

NLS TRANSLATION

INITIATE STOP	National Language Support.
RELEASE STOP	National Language Support.

Modified Seed Data

PAYMENT METHOD

ELECTRONIC	Changed to Electronic. This payment method was called EFT before Release 10.7.

Profile Options

Oracle Payables includes the following profile option changes made since Release 10.7 of Oracle Applications. The first two were added in Version 10.7.

Release 10.7

The following profile options were added in Release 10.7 of Oracle Applications. Since they were added only for Release 10SC, we have included descriptions for your reference.

New Profile Options

AP: Enter Alternate Fields

You can enter an alternate name for the following field values: Supplier, Supplier Site, Bank Name, Bank Branch, Bank Account, and Bank Account Holder. For example, when you enable this option, the Alternate Name field appears in the Bank Accounts window, and you can enter both a bank account name and an Alternate Bank account name.

To enable this option enter Yes for this option. If you enter No, Oracle Payables hides Alternate Name fields throughout the system. This feature is particularly useful if you do business in Japan where you may want to enter both Kanji and Kana values.

AP: Sort By Alternate Fields

Enter Yes if you have also entered Yes for the AP: Enter Alternate Fields profile option and you want Oracle Payables to use the Alternate Name fields when it sorts reports by any of these values: Supplier Name, Supplier Site Name, and Bank Account Name. Although Oracle Payables sorts by the alternate name, it prints the standard name on the report.

Production Release 16

The following profile options were added or modified between Release 10.7 and Production Release 16.

New Profile Options

AP: Bank File Character Set

If you use Oracle Payables in Japan and want to use the Zengin Format Payment Program, contact your local Oracle representative for more information on this profile option. This profile option applies only to Oracle Payables users in Japan.

CHAPTER

16

Oracle Product Configurator

This chapter lists new features included in Release 10SC of Oracle Product Configurator as of Release 10 SmartClient Production 16.1. There are no changes to the database objects, seed data, or profile options for Production Release 16.1.

What's New in Release 10 SmartClient

This section lists the features added or changed in Oracle Product Configurator Release 10 SmartClient (10SC).

Production Release 16.1

The following new features were added as of Production Release 16.1.

New Features

Autoexclusion Support

In addition to defining autoselection constraints, you can define extensive autoexclusion constraints in the Assigning AutoSelection and AutoExclusion Items window.

Enhanced Windows

Several windows were enhanced to make it easier to set up attributes. They include:

- Attributes window
- Regions window
- Region Items window
- Attribute values window

CHAPTER

17 Oracle Projects

This chapter lists new features included in Release 10SC of Oracle Projects. It also describes changes made to database objects, profile options, and seed data made to Oracle Projects between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

As of Release 10.7, the product formerly known as Oracle Project Accounting has been renamed Oracle Projects.

What's New in Release 10 SmartClient

This section contains an overview of the changes made to Oracle Projects for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16 and in Production Release 16.1.

Production Releases 1–15

This section lists the enhancements that have been made to Oracle Projects since it was included as a Release 10SC Production product in Production 12.

New Features

User Interface

Oracle Projects has 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.

Note: Oracle Projects Release 10SC is available in GUI only. This release of Oracle Projects does not have a character mode equivalent.

Full Online Help

Oracle Projects now provides full, context–sensitive online help for easy access to all of the information you need to work effectively with Oracle Projects.

Project Templates

Oracle Projects has simplified the project setup process. You can create new projects from templates that 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.

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.

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.

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 enter in service dates for the assets. You can send these asset costs to become depreciable fixed assets in Oracle Assets.

Enhanced Budgeting

Oracle Projects includes the following budgeting features to 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.

- 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).

The *budget types* of Draft, Baseline, and Original in Oracle Project Accounting Version 3.1 are *budget versions* in Oracle Projects Version 4. Note that a *Baseline budget* in Version 3.1 is a *Current budget* in Version 4.

Budget Lines Matrix Entry

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.

The Setup Billing menu includes a new menu item, Agreement Templates. Use this window to create agreement templates that you associate with project templates.

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.

Personal Time and Expense

Oracle Projects includes a new application, Oracle Personal Time and Expense, that enables you to charge time and expense to projects while on the road or in the office. You enter timecards and expense reports in Oracle Personal Time and Expense in a disconnected mode, then submit them for approval to 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 forms in prior releases of Oracle Projects.

Project Status Tracking

Oracle Projects supports a new model for project summary amounts (formerly project summarized amounts) based on resources. Resources provide a flexible way to summarize amounts in different combinations.

You can now update project summary amounts at any time, regardless 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.

Project Status Inquiry (PSI) allows you to review project status on–line. 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 on–line 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 Enhancements

The Project Status Inquiry window has been enhanced for improved performance. In addition, the following features are new or enhanced:

- **More columns.** There are now 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.

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 form.

Function Security

Use function security to control user access to Oracle Projects functions. By default, access to Oracle Projects functionality is *not* restricted; ask your system administrator to customize your responsibilities to restrict access. Your system administrator customizes each responsibility at your site by including or excluding registered functions and menus of functions for a responsibility in the Responsibilities form.

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.

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 window or other windows that use folder technology.

Production Release 16

This section lists the enhancements that have been made to Oracle Projects between Release 10.7 and 10SC Production 16.

New Features

Multi–Organization Support

With the introduction of this new feature, Oracle Projects supports multiple organizations in a single installation.

In addition, 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 particular responsibility to an operating unit.

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.

Open Integration Toolkit (Project Management Integration)

A beta version of the Open Integration Toolkit (including Project Management Integration) is currently available. Documentation for this feature will be made available to approved beta program participants. A production version of the Open Integration Toolkit is scheduled for Release 10.7.0.17SC.

Drilldown to Project Transactions in Oracle Payables and Oracle 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, including the Find Tasks 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.

Change in Default Logic for Project–Based Security

The default logic determining who can query project information has changed. By default, all users can query and view information for all projects.

Oracle Projects also provides a client extension so that you can override the default security and implement your own business rules for project security.

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.

Predefined Budget Types and Budget Entry Methods

Oracle Projects predefines two new budget types, Forecast Cost Budget and Forecast Revenue Budget. Oracle Projects also predefines three new budget entry methods:

- 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

Copy PA Periods from GL Periods

PA periods can now be 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.

Production Release 16.1

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

New Features

Event Entry and Inquiry Windows

The Event 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

The 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, see the *Oracle Projects Activity Management Gateway Technical Reference Manual.*

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.

Project Management Controls

Project Management Controls enable you to keep information consistent between Oracle Projects and all integrated project management systems. You can set up a different set of controls over data imported from each 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.

Project Security Enhancements

The following enhancements have been made to project security:

- Controls on Imported Projects

  Use project management controls to enforce security based on the origin of a project in an external system.

  Project management controls enable to you restrict the updating of projects that were created by importing them from external systems. You can set the restrictions at the action level for each external system.

- Control Copying a Project

  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.

New Version of Oracle Personal Time and Expense (PTE)

Oracle Personal Time and Expense (PTE) Version 2 supports multiple users and database security and operates on Windows 3.1, 95, and NT. Other new features offered in this release enable you to:

- Filter the download of lookups information by project, task, and expenditure type (together or individually)
- Retrieve submitted or approved expenditures from the project database
- Reverse expenditures and individual expenditure items
- Purge submitted or approved expenditures from your local database
- Create customized reports

Database Objects

This section describes database changes made since Release 10.7 of Oracle Applications. For detailed information about the Oracle Applications Release 10.7 data model (as used by Oracle Projects) and Oracle Projects database objects, see the *Oracle Projects Technical Reference Manual Release 10.7 (Version 4.1*).

Production Release 16

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

Project Management Integration

The following database changes were made to support integration with project management applications, which is currently in use by approved Beta program participants. A production version is scheduled for Release 10.7.0.17SC.

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
- PA_CMT_BY_PA_PERIOD_V
- PA_CUSTOMERS_LOV_V
- PA_DISTRIBUTION_RULES_LOV_V
- PA_GL_PERIODS_V
- PA_KEY_MEMBERS_LOV_V
- PA_LOWEST_LEVEL_RESOURCES_V
- PA_ORGANIZATIONS_LOV_V
- PA_ORIG_BUDGET_BY_GL_PERIOD_V
- PA_ORIG_BUDGET_BY_PA_PERIOD_V
- PA_OVERRIDE_FIELDS_V
- PA_PA_PERIODS_V
- PA_PM_REFERENCE_V
- PA_PROJECT_STATUS_LOV_V
- PA_PROJ_ORG_STRUCTURES_V
- PA_QRY_RESOURCE_LISTS_V
- PA_QUERY_RES_LIST_MEMBERS_V
- PA_RESOURCE_GROUPS_VALID_V
- PA_RESOURCE_LIST_GROUPS_V
- PA_RESOURCE_LIST_V
- PA_SELECT_TEMPLATE_V
- PA_SERVICE_TYPE_LOV_V
- PA_TASK_MANAGERS_LOV_V
- PA_TXN_ACCUM_V
- PA_USER_RESP_V

Modified Views

- PA_BASE_BUDGET_BY_GL_PERIOD_V
- PA_BASE_BUDGET_BY_PA_PERIOD_V
- PA_PROJECTS
- PA_PROJECTS_V

- PA_TASKS_V

Modified Tables

The following column was added to PA_BUDGET_ENTRY_METHODS:

- PREDEFINED_FLAG VARCHAR2(1)

The following columns were added to PA_BUDGET_LINES:

- 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)

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)

Modified 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

Modified Views

- PA_TASKS_V
- PA_PROJECT_OPTIONS_V

Support for Future Features

The following database changes were made to support future Oracle Projects features.

Modified Tables

The following 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

The following 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)

Modified View

The following 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

Production Release 16.1

The following database objects have been added, modified, or made obsolete between Release 10SC Production 16 and Production 16.1.

Activity Management Gateway

The following database changes were made to support integration with project management applications, which is currently in use by approved beta program participants. A production version is scheduled for Release 11.

New Views

This view displays valid values for each Quick Entry field.

- PA_OVERRIDE_FIELD_VALUES_V

This view 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

Modified 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

Modified Views

These 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

The PA_SELECT_TEMPLATE_V view contains new columns which store basic project information associated with the selected template.

The PA_TXN_ACCUM_V view contains new columns which store information related to commitments.

Descriptive Flexfields for Expenditure Types

Modified Table

The ATTRIBUTE1 through ATTRIBUTE15 columns were added to PA_EXPENDITURE_TYPES to store descriptive flexfield information.

Modified View

- PA_EXPENDITURE_TYPES_DESC_V

Dynamic Currency Formatting

Modified 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)

Modified Views

These 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

Modified 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:

This 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

Modified Tables

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)

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)

Modified 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

The PA_PROJECTS_UPDATE_V view displays projects that you are allowed to update based on the project security rules your company has implemented.

The PA_ORGANIZATIONS_SBRS_V view is used in the Projects window.

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)

Modified Tables

These tables contain new columns to improve performance and fix code bugs.

- PA_PROJECT_COPY_OVERRIDES
- PA_PROJECT_MANAGERS

Modified Views

The PA_EVENTS_V view contains new columns which support the Events Summary window.

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

Modified 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 Indexes

The PA_RESOURCE_ASSIGNMENTS_N1 index was dropped for performance reasons.

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 Production 16.1, Oracle Projects includes the following new 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

Seed Data

Oracle Projects includes the following seed data changes since Release 10.7 of Oracle Applications.

Production Release 16

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

GEN_ASSET_REJECTION_REASON

We added values to this lookup type for use by the Generate Asset Lines process.

PA_ADDITION_FLAG

We added values for this lookup type to support interfacing transactions to Payables.

PM_PRODUCT_CODE

We added values for this lookup type to support a future release.

TRANSACTION STATUS

We added values for this lookup type for use by the Transaction Import program.

We also added values for the following lookup types:

- RESOURCE_CLASS_CODE
- RESOURCE_GROUP_NONE
- RESOURCE_TYPE_CODE

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

Production Release 16.1

The following seed data has been added or modified between Release 10SC Production 16 and Production 16.1.

Modified Seed Data

Functions in Oracle Projects (for function security)

The seeded list of values for function security contains the following new functions. 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.

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

Profile Options

Oracle Projects includes the following profile option changes made since Release 10.7 of Oracle Applications. See your reference manual for complete information about new or modified profile options.

Production Release 16

The following profile options were changed between Release 10.7 and Release 10SC Production 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 this profile option to control which operating unit a particular responsibility corresponds to only if you have implemented multiple organization support.

Obsolete Profile Options

Previous releases of Oracle Projects used the following profile options, which are now obsolete:

PA: Enable Employee Accumulation This profile option is 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 This profile option is obsolete with the new configurable columns in Project Status Inquiry.

PA: Task Amount Column 1–4 This profile option is obsolete with the new configurable columns in Project Status Inquiry.

PA: Task Level This profile option is obsolete with the new configurable columns in Project Status Inquiry.

Production Release 16.1

The following profile options were changed between Release 10SC Production 16 and Production 16.1.

New Profile Options

PA: Tab to Budget Matrix Comment Fields This profile option 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.

Changed Profile Option

PA: Display Find Tasks Window The active start date has been changed to 01–JAN–1951.

CHAPTER

18 Oracle Purchasing

This chapter lists new features included in Release 10SC of Oracle Purchasing and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle Purchasing has no changes to database objects or seed data. For Production Release 16.1, there are no changes to database objects, profile options, or seed data.

What's New in Release 10 SmartClient

This section contains an overview of the changes made to Oracle Purchasing 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. There are no new features for Production Release 16.1.

Production Releases 1–15

This section lists enhancements that have been made to Oracle Purchasing since it was included as a Release 10SC Production product in Production 14.

New Features

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.

Production Release 16

This section lists enhancements that have been made to Oracle Purchasing between Release 10.7 and 10SC Production 16.

New Features

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.

Profile Options

Oracle Purchasing includes the following profile option changes made since Release 10.7 of Oracle Applications.

Production Release 16

The following profile options have been changed between Release 10.7 and 10SC Production 16.

New Profile Options

PO: Document Approval Mode

Allows you to chose 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.

CHAPTER

19

Oracle Receivables

This chapter lists new features included in Release 10SC of Oracle Receivables. It also describes the changes made to database objects, profile options, and seed data added to Oracle Receivables and Oracle Government Receivables between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

Oracle Receivables and Oracle Government Receivables have no new features or changes for Release 10SC Production 16.1.

What's New in Release 10 SmartClient

This section contains an overview of the enhancements made to Oracle Receivables for Release 10 SmartClient (10SC). It describes the features added between Production 1 and Production 15, as well as those that are new in Production Release 16.

There are no new features for Production Release 16.1

Production Releases 1–15

This section lists the enhancements that have been made to Oracle Receivables since it was included as a Release 10SC Production product in Production 15.

New Features

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

Oracle 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 workbench model consolidates many of the different invoicing, collection and cash application forms in Release 10.6. Entry, updates, and inquiry can all be performed in the same form. Function security allows you to control access to functions. Hence, the new model is easier to use and requires less training.

The following workbenches are available in Release 10SC:

- Transactions (Billing)
- Receipts
- Collections

- Customers

Folder Forms

The graphical interface allows the user to 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:

- Transaction Batches Summary
- Transactions Summary
- Transaction Lines
- Approve Adjustments
- Receipt Batches Summary
- Receipts Summary
- Receipt Applications
- QuickCash
- Scheduler
- Customer Account
- Account Details
- Customer 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. Your System Administrator can tailor responsibilities to include or exclude any of the following functions.

Functions in the following table are available for inclusion or exclusion in Oracle Receivables Release 10SC.

Functional Area	Available Restriction
Invoice	View, Enter, Update, Delete, Print, Copy, Complete, Dispute
Debit Memo	View, Enter, Update, Delete, Print, Complete, Dispute
Credit Memo	View, Enter, Update, Delete, Print, Complete, Dispute
On–Account Credit	View, Enter, Update, Delete, Print, Complete, Dispute, Apply
Commitment	View, Enter, Update, Delete, Print, Complete, Dispute
Adjustment	View, Enter, Update, Print, Approve
Standard Cash Receipt	View, Enter, Update, Delete, Reverse–Standard, Reverse–Debit Memo, Exchange Rate Adjust, Apply, Unapply
Miscellaneous Transaction	View, Enter, Update, Delete, Reverse–Standard, Exchange Rate Adjust
Automatic Receipt	View, Create, Update, Approve, Format, Confirm
Automatic Remittance	View, Create, Update, Approve, Format
QuickCash	View, Enter, Update, Post QuickCash
Inquiries Windows	View
Statements and Dunning Letters	Print
Customer	Enter contacts, telephones; Assign profiles, banks, payment methods; Place / Release Credit Hold; Create Relationship; Enter Marketing information
Customer Address	Enter contacts, telephones; Assign profiles, banks, payment methods; Place / Release Credit Hold
Banks	Enter payment documents, bank codes; Use Receivables, Accounts Payable options

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.

Invoice approval is now possible by using function security to segregate responsibilities between invoice entry and invoice completion. Incomplete invoices do not update the general ledger or any other balances or payment schedules.

The following forms were merged into the Transactions window:

- Enter Invoices
- Maintain Invoices
- Enter Commitments
- Enter On–Account Credits
- Enter Sales Credit Adjustments
- Quick Transaction Entry

The following forms are also available in the Transactions Workbench:

- Enter Adjustments
- Create Recurring Invoices
- Enter Credit Memos

Improved Transaction Inquiry

You can review balances for an individual transaction by choosing the Balances button.

You can query transactions by using references related to the original document, such as order number or purchase order number.

You can view accounting entries for the entire transaction or for specific lines, in a single window.

You can now review receipt application and transaction history on–line without requerying in multiple windows.

Simple but Flexible Credits

Crediting the customer has been simplified. Create a credit using a variety of methods by simply clicking your mouse. 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 that you enter all other transactions.

Powerful Cash and Credit Memo Application

You can use the Applications window to view, apply, or unapply both receipts and on–account credits. You can also identify the date each application was posted to your general ledger. The Mass Application window provides faster cash application, and allows you to preview selected applications before you apply.

The following forms were merged with the Applications window:

- Reapply Receipts

* Reapply Credits

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.

From the Receipts folder, you can confirm, unconfirm, exchange rate adjust, and reverse multiple receipts simultaneously. You can use the Receipts folder to enter and update miscellaneous transactions and cash receipts and optionally enter these in the same batch. You can do this in a multi–row window, or you can switch to a single–row representation of the same window.

The following forms were merged with the Enter Receipts window:

* Reverse Receipts
* Confirm Receipts
* Enter Exchange Rate Adjustments
* Enter Miscellaneous Transactions

The following form was merged with both the Receipt Batches and Receipt Batches Summary windows:

* Post QuickCash

The following form was merged with the Receipt Classes window:

* Define Payment Methods

The following form is replaced by the Manual Reconciliation form in Oracle Cash Management:

* Reconcile Receipts

Streamlined Receipt Inquiry

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.

The receipt and receipt batch inquiry forms have been merged into the Receipts Summary and Receipts Batches Summary. This allows you to view all your receipt information and batch control information in two windows. Both windows are folder forms, so you can customize them to display the columns of most interest to your business.

The following form was merged with the Receipts Batches Summary window:

- View Batch Control Amounts
- View Batch Unapplied Amounts
- View Batch Detail

The following forms were 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.

The following forms were merged with the Receipt Batches form:

- Create Automatic Receipts
- Format Automatic Receipts
- Approve Automatic Receipts

The following form was merged with the Enter Receipts window:

- Confirm Automatic Receipts

The following forms were merged with the Remittances form:

- Create Automatic Remittances
- Remit Receipts
- Format Remittances

Integrated Banks

You can now enter remittance, disbursement, and customer banks in a single form. You can also use this form 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:** f 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 Remittance Banks

- Define Customer Banks
- Define Banks (Oracle Payables)

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.

The flow of the collections screens in Receivables has significantly improved. The new structure and flow of information is more convenient to use than the layered zooms in prior releases. You can view all types of information regarding your customer account at the same time and do not have to re–query contextual data in each window.

The following zones were 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.

Through online aging, you can drill down to the details of the individual transactions that make up customer balances in a particular aging bucket.

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. Calls that need further follow–up can be tracked using complete / incomplete call status fields available for both the call and individual call topics.

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.

Use the Customer Account window or the Customer Profile window in the Customer workbench to place an order on hold.

Streamlined Customers

Use the Customers workbench to enter standard and quick customers, create and review customer relationships, and assign and maintain customer profiles.

You can customize the Customer Summary folder for customer inquiry. You can view all addresses for customers in a single form and then drill down to detail. Additionally, you can view all relationships for a customer at the same time.

The View Customers form was merged with the Customer Summary window. The following forms were merged with the Enter Customer Information form:

- Define Customer Relationships
- Maintain Customer Profiles
- Quick Customer Entry

Note: You can still enter customers in quick mode. Choose Quick Customer 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.

New Windows

Transaction Batches Summary

Use the Batch Summary folder to customize the display of batch information and for processing multiple batches.

Transactions Summary

Use the Transaction Summary folder to review many transactions at once. You can query to view all transactions in a batch and customize the window to display only the fields you wish to see.

Balances

Beginning and ending balances are displayed for Line, Tax, Freight, and Total, along with any Receipts, Credits, Discounts, or Adjustments Applied.

Receipt Batches Summary

Use the Batch Summary folder to customize the display of batch information and to open multiple batches. You can approve, format, and run Post QuickCash for multiple batches using this window. You can also view Miscellaneous Count and Amount; Remittance Method, Remittance Bank, Remittance Branch and Remittance Deposit for each batch.

Receipts Summary

Use the Receipts Summary window to review many receipts at once. You can query to view all receipts in a batch. Customize this folder window to include the columns needed for the receipt header information.

Customer Account

Arrange the fields in this folder window to display the information you want to review. Display one record per customer, or show information for each customer site. Choose to display foreign and/or functional currency balances, amounts past due, finance charges, open credits and receipts at risk. Review information about the customer account, including Account Status, Risk Code, Collector, DSO, Average Days Late, Overall and Available Credit Limits, Credit Available, and Past Due Transactions.

Customer Summary

Customize your view of this folder window by using folder tools. You can view and update information about existing customers.

Scheduler

The Scheduler window lets you identify collector follow–up actions using various parameters, including follow–up date ranges, collector name, customer name, and transaction number. Query outstanding collection actions then drill down to other details about a customer account. You can check the Complete field to record a status of complete for each follow–up action. Customize this folder to display the information you need to follow–up on call actions. For example: Action Complete, Action Date, Notes, Address, Balance Due, Call Action, Call Date, Call ID, Call Time, Collector, Contact, Customer, Days Late, Due Date, Follow–Up Action, Follow–Up Complete, Follow–Up Date, Notify, Outcome, Phone Number, Response, Status and Transaction.

Correspondence

Use the Correspondence window to see all calls, dunning letters and statements that were sent to a customer. You can enter a range of search criteria to pinpoint the correspondence of interest. Choose to submit new dunning letters or statements, or record a new call without re–entering customer details.

New and Improved Forms

Transaction Lines

This is now a folder window, so you can customize the fields displayed in each region. New fields you can view include: Sales Order Channel, Tax Certificate, Reason, and Reference.

Maintain Invoices

This form has merged into the Transactions window. You can now update and enter information in the same place.

Enter Credit Memos

This form has been modified so that it is both easier for you to access the credit method you wish to use and to create the credit. You can query, update, and enter on–account credit memos from the same window in which you query, update, and enter Invoices, Debit Memos, Commitments and Chargebacks. You can also query and update invoice–related credit memos in this window.

Credits to transactions have also been improved. You can choose from the following new credit methods:

- Credit remaining balances
- Credit freight by a specified percent at the header level
- Unapply cash and then credit in full

Sales Credit Adjustments

This form has merged with the Transactions window. You no longer need to enter sales credit adjustments in a separate form.

Approve Adjustments

This form is now a folder, enabling you to customize which fields you display. Drill down to installments, adjustments, or to see action history.

Enter Miscellaneous Transactions

Both cash and miscellaneous receipts can now be entered in the same window and included in the same batch.

Receipt Applications

You can customize this folder window to display only the columns you need. New fields you can view include: Apply Date, Balance Due Base, Date Posted to GL, Document Number, Due Date, Exchange Rate Difference, GL Date, Location, Reversal GL Date, Transaction Code, and Transaction Date. A column showing number of days late is now included in this window.

QuickCash

You can now enter and query your QuickCash batches in the same batch window as standard or miscellaneous receipts. You can then enter QuickCash receipts in the QuickCash folder. Customize this folder window to view the columns needed to enter your quick receipts. You can enter the minimal information necessary to apply your receipt in one form and choose the Post QuickCash button to apply. Use function security to hide this button if necessary.

Account Details

The Account Details window is an improved version of the Transaction History form. You can see the detailed transactions that make up a customer account balance. You can also view the functional and entered cumulative and total balances for selected transactions.

Customer Merge

The Customer Merge form contains more information and is easier to use. The From and To blocks are now single–row blocks, enabling the user to view everything on one screen instead of two. Mapping security is more secure due to the requirement that each From site must have a corresponding To site.

Customer Profile Classes

This window was enhanced to accommodate the Consolidated Billing Invoices feature. The Send Consolidated Billing Invoice field lets you indicate that you want to send consolidated billing invoices to customers using this profile class. You can also choose to create consolidated billing invoices in either summary or detail format in this window.

Submit Lockbox Processing

We added the Alternate Name Search field to this window to let you import bank files in the Japanese Zengin format into Receivables. Receivables displays this field only if the profile option AR: Alternate Name Search is set to Yes.

Lockbox Transmission Data

We modified this window to let you import bank files in the Japanese Zengin format. If the Alternate Name Search profile option is set to Yes, this window displays the fields you need to match customers with their payments.

Renamed Forms

Many Receivables form names have changed in Release 10SC. The following list contains only one–to–one name changes.

- View Invoice Image has been renamed Transactions Overview
- View Transaction History has been renamed Account Detail
- Create Recurring Invoices has been renamed Copy Transactions

Obsolete Forms

Reconcile Receipts

Reconcile Receipts is no longer included in Receivables because an equivalent form exists in Cash Management. 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. See *Oracle Cash Management User 's Guide* for more information.

Improved Reports

Tax Code Listing Report

This report was modified to incorporate Tax Groups functionality. The following new columns have been added:

- Name
- Description
- Allow Exemptions
- Compounding Precedence
- Classification
- Location

Production Release 16

This section lists the enhancements that have been made to Oracle Receivables between Release 10.7 and 10SC Production 16.

☞ **Attention:** Use of Oracle Applications for the Web 2.0 is limited to demonstration and evaluation purposes only. Production use of these products requires approval of the Oracle Applications for the Web product manager. If you install Oracle Web Customers Version 2.0, your customers can use a standard Web browser to review the status of the invoices that you sent and the payments that you received. For information on the availability of Oracle Applications for the Web 2.0, contact your local Oracle representative.

New Features

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. When defining bank charges, you can also specify a tolerance limit, which indicates the amount that a receipt can differ from an invoice and still be accepted by Receivables.

> **Note:** 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, contact the Receivables Product Director for approval.

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. Unlike some formats, bank files in the Zengin format do not include the customer or invoice number, which AutoLockbox uses to identify the customer. Instead, the Zengin file includes a customer's "alternate name", and uses this information to match receipts with customers. 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.

> **Note:** 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, contact the Receivables Product Director for approval.

Consolidated Billing Invoices

For customers who prefer to receive a monthly statement, Receivables enables you to issue Consolidated Billing Invoices based on the period defined by payment terms. Each consolidated statement contains transactions created for a customer during the period since the last billing. This feature lets you send customers a single consolidated billing invoice instead of individual invoices for each transaction. You specify which customers will receive consolidated billing invoices by setting the Send Consolidated Billing Invoice option for a customer profile class, and then assigning this profile class to a customer. A new Autocash Rule, Clear Past Due Invoices Grouped by Payment Term, allows AutoLockbox to easily match payments to invoices with the same payment term.

> **Note:** 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, contact the Receivables Product Director for approval.

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. Canadian sales taxes exist at two levels: federal and province. Sales Tax at the federal level (known as Goods and Services Tax, or GST) is standard across Canada. Sales Tax at the province level (known as Provincial Service Tax, or PST) varies by province and is based on the destination of the goods or services.

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. Using Tax Groups, specific tax codes can be dependent on the ship–to Province, State, Country, or the Tax Classification of the customer bill–to site.

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.

New Windows

Dispute History

The Dispute History window displays an audit trail of disputes for the selected transaction. View dispute start and end dates, the amount in dispute, balance due, and the name of user who entered the dispute.

Alternate Name Matches

Use this window to delete records from the Alternate Names Table. Receivables creates records in the Alternate Names Table when you match customers with receipts after running AutoLockbox to import bank files in the Japanese Zengin format. You may wish to remove this data from the Alternate Names table if, for example, it becomes obsolete.

Bank Charges

Use this window to define the charges associated with transferring money between banks.

Print Consolidated Billing Invoices

Use this window to print and reprint new and draft consolidated billing invoices.

New Reports

Alternate Name Matching Report

Run this report to see which alternate customer names and receipts were successfully imported into the AR Payment Interface table when using AutoLockbox to transfer bank files in the Japanese Zengin format.

Bank Charges Report

Run the Bank Charges Report to review the data entered in the Bank Charges window.

Canadian Tax Reconciliation Report

The Canadian Reconciliation Report lets you prepare the Legislative portion of your periodic GST / PST returns. This report lists the taxable and tax amounts (by general ledger account) of all your receivables transactions for a given period to enable you to identify and review your tax liability for various tax codes.

Database Objects

Oracle Receivables includes the following database changes made since Release 10.7 of Oracle Applications. For more information about database changes, plus complete information about Release 10.7 database objects, refer to the *Oracle Receivables Applications 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.

New Tables

AR_CONS_INV_ALL

Stores the header level information for a consolidated billing invoice. The new index AR_CONS_INV_U1 was created on the CONS_INV_ID column. The new index AR_CONS_INV_N1 was created on the CUSTOMER_ID, SITE_USE_ID and CUT_OFF_DATE columns.

AR_CONS_INV_TRX_ALL

Stores the transaction information for a consolidated billing invoice.

AR_CONS_INV_TRX_LINES_ALL

Stores the invoice line information for an invoice included on a consolidated billing invoice. The new index AR_CONS_INV_TRX_LINES_ALL_N1 was created on the CONS_INV_ID column.

New Views

The following views were 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 Names.

Other new views in this release of Receivables include:

- AR_PAYMENTS_INTERFACE
- AR_POSTED_TRANSACTIONS_V
- AR_RECEIVABLES_TRX
- RA_SALESREPS

Modified Tables

AR_ADJUSTMENTS_ALL

The following column was added to this table:

- CONS_INV_ID NUMBER(15)

AR_CUSTOMER_PROFILE_CLASSES

The following columns were added to this table:

- CONS_INV_FLAG VARCHAR(1)
- CONS_INV_TYPE VARCHAR(30)

AR_CUSTOMER_PROFILES

The following columns were added to this table:

- CONS_INV_FLAG VARCHAR(1)
- CONS_INV_TYPE VARCHAR(30)

AR_PAYMENTS_INTERFACE_ALL

The following columns were added to this table to support the processing of data in the Japanese Zengin format:

- CUSTOMER_NAME_ALT VARCHAR2(320)
- CUSTOMER_BANK_NAME VARCHAR2(320)
- CUSTOMER_BANK_BRANCH_NAME VARCHAR2(320)
- REMITTANCE_BANK_NAME VARCHAR2(320)
- REMITTANCE_BANK_BRANCH_NAME VARCHAR2(320)

The following column was added to this table to support the floating date feature in Cash Management:

- BANK_TRX_CODE VARCHAR2(30)

AR_PAYMENT_SCHEDULES_ALL

The following columns were added to this table:

- CONS_INV_ID NUMBER(15)
- CONS_INV_ID_REV NUMBER(15)

AR_RECEIVABLE_APPLICATIONS_ALL

The following columns were added to this table:

- CONS_INV_ID NUMBER(15)
- CONS_INV_ID_TO NUMBER(15)

AR_RECEIVABLES_TRX_ALL

The following columns were added to this table:

- GLOBAL_ATTRIBUTE1–20 VARCHAR2(150)
- GLOBAL_ATTRIBUTE_CATEGORY VARCHAR2(30)

RA_ADDRESSES_ALL

The column size for ADDRESS_LINES_PHONETIC field was increased to VARCHAR2(560).

RA_CONTACTS

The following columns were added to this table:

- DEPARTMENT VARCHAR2(60)
- DEPARTMENT_CODE VARCHAR2(30)

RA_CUSTOMERS

The column size for CUSTOMER_NAME_PHONETIC field was increased to VARCHAR2(320).

We also created the following new index on the CUSTOMER_KEY column:

- RA_CUSTOMERS_N3

RA_SALESREPS_ALL

The following column was added to this table:

- PERSON_ID NUMBER(15)

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 support the Consolidated Billing Invoices feature.

AR_SITE_USES_V

The Globalization Flexfield columns were added to this view.

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_PAYMENTS_INTERFACE_V

Changes support new functionality for Japanese users. We also added the following column to support the floating date feature in Cash Management:

- BANK_TRX_CODE VARCHAR2(30)

AR_RA_SELECTED_TRX_V

Changes support the Consolidated Billing Invoices feature.

AR_RECEIVABLE_APPLICATIONS_V

Changes support the Consolidated Billing Invoices feature.

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

Oracle Receivables 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 and Release 10SC Production 16.

New Seed Data

AR_TRANSMISSION_ FORMATS
A new transmission format, Zengin, was added to enable Receivables to import bank files in the Japanese Zengin format using AutoLockbox.

AR_TRANS_RECORD_ FORMATS
Two new transmission record formats, LB Hdr and Payment, were added to enable Receivables to import bank files in the Japanese Zengin format using AutoLockbox.

AR_TRANS_FIELD_ FORMATS
The following transmission field formats were added to enable Receivables to import bank files in the Japanese Zengin format using AutoLockbox: Status, Customer Name Alt, Bill Location, Customer Bank Name, Customer Bank Branch Name, Remittance Bank Name, Remittance Bank Branch Name, LB Num, and Comment.

New QuickCodes

ARXRANAM_ORDER_ BY
Used when defining parameters for Alternate Customer Name Receipt Matching for Zengin format data. Valid values for the Order By field are: Alternate Name, Customer Name, and Date Created.

CONSINV_TYPE
Used when defining the parameters for generating or reprinting consolidated

billing invoices. Valid values for the Type parameter are Detail and Summary.

LOCKBOX_STATUS	Used when defining parameters for Alternate Customer Name Receipt Matching for Zengin format data. Valid values for the Status field include: Manual, None, Verify, Confirmed, and Multiple.

New Seed Data File

The control file arzeng.ctl is included with this release of Receivables to let you import bank files in the Japanese Zengin bank file format using AutoLockbox.

Profile Options

Oracle Receivables includes the following profile option changes made since Release 10.7 of Oracle Applications. Refer to Appendix B, User Profiles in Oracle Receivables, in your *Oracle Receivables User's Guide Release 10SC* for more information about new or modified profile options.

Production Release 16

The following profile options have been changed between Release 10.7 and Release 10SC Production 16.

New Profile Options

AR: Alternate Name Search Enables the Alternate Name Search feature in lockbox processing, which is required for processing bank files in the Japanese Zengin format. This profile option controls whether Receivables displays the Alternate Name Search field in the Submit Lockbox Processing window and the default folder accessed by the Lockbox Transmission Data window.

AR: Create Bank Charges Determines whether users can create bank charges when entering receipts in Receivables.

AR: Show Billing Number Controls whether Receivables displays the Consolidated Billing Invoice Number in various windows and whether the consolidated billing invoice number prints on certain Receivables reports.

AR: Zengin Character Set Specifies the character set for importing bank information in the Zengin format into Receivables through AutoLockbox.

Tax: Use Tax Vendor Used by system administrator to control which users can call an installed third–party application for tax calculations. This is required in multiple organization installations where one set of executables is shared across different tax compliance requirements. The default value is No.

☞ **Attention:** The Tax Vendor 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, contact the Receivables Product Director for approval.

CHAPTER

20 Oracle System Administrator

This chapter lists new features included in Release 10SC of Oracle System Administrator and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle System Administrator has no changes to seed data or profile options. For Production Release 16.1, there are no new features or changes to database objects, profile options, or seed data.

What's New in Release 10 SmartClient

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. There are no new features for Production Release 16.1.

Production Releases 1–15

This section lists the enhancements that have been made to Oracle System Administrator since it was included as a Release 10SC Production product in Production 1.

New Features

Date Entry

Date Entry has been enhanced to use a graphical representation of a calendar so that you can enter a date by clicking on the desired date in the calendar. Access the calendar in date fields by using the List Of Values icon or through the menu under Edit, List of Values.

Folders

Folders are 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

The Toolbar provides a row of icons at the top of the Applications window that duplicates the most commonly used menu items.

Attachments

The attachments feature allows you to link non–structured data such as images, word processing documents, or video to application data.

Multiple windows

With the move to a Graphical User Interface, each form is displayed in a separate window within the application. This allows you to display all elements of a business flow on the same screen. You are not required 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

Use the function security reports to document the structure of your 10SC menus. You can use these reports 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

There is a new user interface for querying 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 your performance across a wide–area network. You can validate your accounting flexfields on the server by setting the site level profile Flexfields:Validate on Server to Yes.

Production Release 16

This section lists the enhancements made to Oracle System Administrator between Release 10.7 and 10SC Production 16.

New Features

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.

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

21

Oracle Work in Process

This chapter lists new features included in Release 10SC of Oracle Work in Process and describes the changes made to database objects, profile options, and seed data between Release 10.7 and Release 10SC Production 16, and between Production 16 and Production 16.1.

Specifically, this chapter contains information about:

- What's New in Release 10 SmartClient
- Database Objects
- Seed Data
- Profile Options

For Production Release 16, Oracle System Administrator has no changes to seed data. For Production Release 16.1, there are no new features or changes to database objects, profile options, or seed data.

What's New in Release 10 SmartClient

This section contains an overview of the changes made to Oracle Work in Process for Release 10 SmartClient (10SC). It describes the features added or changed between Production 1 and Production 15, as well as those that are new in Production Release 16. There are no new features for Production 16.1.

Production Releases 1–15

This section presents an overview of the enhancements that have been made to Oracle Work in Process since it was included as a Release 10SC Production product in Production 8.

New Features

Improved Visibility of Information

Discrete job and repetitive schedule information can be viewed in more flexible ways. For example:

- You can 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.
- You can view all job and schedule material requirements for a particular day, a particular department, or a particular day and department.
- You can view repetitive schedules that are building a specific assembly, that are being built on a specific line, or both.
- You can 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 en mass. This mass change capability can be used 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 now 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 as in Release 10.

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.

Byproduct Issues and Returns

Two new types of material transactions — negative material issues and negative material returns — were added to facilitate the transaction of byproduct 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 now 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 On–line processing and setting the Oracle Inventory TP:Server Side On–line Processing profile 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 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.

Production Release 16

This section lists the enhancements made to Oracle Work in Process between Release 10.7 and 10SC Production 16.

New Features

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 as described in the following table.

Window	Fields added
Discrete Jobs	Project, Task, and Project Costed checkbox
Viewing Resource Transactions	Project and Task
Processing Pending Resource Transactions	Project and Task

WIP Weighted Average Costing (Beta)

To support WIP Weighted Average Costing functionality in a future release, new fields have been added to several windows as described in the following table.

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
- a new Pending Jobs and Schedules window
- a new Job and Schedule Interface Report

In addition to the above, 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.

Interface Table Column Changes

Open Job and Schedule Interface table column additions and changes are as follows:

- The following new columns are used in the creation of jobs:
  – First Unit Start Date

– Scheduling Method
– Project / Task
– Net Quantity
– BOM Revision / Routing Revision
– Completion Subinventory
– Completion Locator
– Line Code / Line Id
– Schedule Group Name / Id
– Build Sequence

- The following new columns are used in the creation of repetitive schedules:
  - First Unit Start Date
  - First Unit Completion Date
  - Last Unit Start Date
- The following columns, some of them new, are used when discrete jobs are updated:
  - First Unit Start Date
  - Scheduling Method
  - Source Code
  - Source Line Id
  - Line Code / Line Id
  - Lot Number
  - Firm Planned Flag
  - Schedule Group Name / Id
  - Build Sequence
  - Project / Task
  - Description
  - Net Quantity
- The following new named columns (e.g. Line Code / LINE_CODE can be used instead of their corresponding ID columns (e.g. Line ID / LINE_ID):
  - Line Code

– Created By Name
– Last Updated By Name
– Organization Code

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

You can 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. Prior to this enhancement you had to specifically move assemblies into intraoperation steps that had No Move statuses.

New and Improved Windows

Several new windows were added:

- **Purge Discrete Jobs (Form):** This window was added with the job and schedule purge enhancements. You can use this new window to purge all discrete job information
- **Pending Job and Schedules window:** The Pending Jobs and Schedules window has been added with the load job / schedule enhancements. You can 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. You can also use it to view the error messages associated with failed records

- **Purge Repetitive Schedules (Form):** This window was added with the job and schedule purge enhancements. You can use this new window to purge all repetitive schedule information.
- **Schedule Groups window:** This window was added with the build sequencing modifications. The Schedule Groups window is used to define schedule groups.

The following windows were enhanced:

- **Discrete Jobs window:** This window was modified with the 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 now also indicate which production line a discrete job is to be built on.
- **Move Transactions window:** This window was modified with the introduction of return and move transactions. You can now 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 window:** This window was 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 window:** This window was 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 window:** This window was 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 Function

Move Transactions: Allow Skipping Over No Move Statuses (WIP_WIPTXSFM_OVERRIDE_NO_MOVE_NO_SKIP: 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 new concurrent program (WICMLP) WIP Mass Load, which is launched from the Import Jobs and Schedules window, was added as a part of the job and schedule import capability enhancements.

New and Improved Reports

Several new reports have been added:

- **Schedule Groups Listing:** This new report lists all information for schedule groups and build sequences within those schedule groups.
- **Job and Schedule Interface Report:** This report is *automatically* submitted when the Import Jobs and Schedules program is used to launch the WIP Mass Load program.
- **Purge Report**: The new 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.

The following reports have been enhanced:

- **Discrete Job Data Report:** A new report parameter, Schedule Group From / To, has been added for this report. A parameter to sort this report by Job or Schedule Group / Build Sequence was also added. Three new columns — Schedule Group, Build Sequence, and Line — now print on this report.
- **Discrete Job Dispatch Report:** A new report parameter, Schedule Group, has been added for this report. A new column, Build Sequence, now prints on the report.
- **Discrete Job Listing:** A new report parameter, Schedule Group From / To, has been added for this report. Two new columns, Schedule Group and Build Sequence, now print on this report.

- **Discrete Job Pick List:** A new report parameter, Schedule Group From / To, has been added for this report. Two new columns, Build Sequence and Schedule Group, now print on this report.
- **Discrete Job Routing Sheet:** A new report parameter, Schedule Group From / To, has been added for this report. A parameter to sort this report by Job or Schedule Group / Build Sequence has also been added. Three new columns — Schedule Group, Build Sequence, and Line — now print on this report.
- **Discrete Job Shortage Report:** A new report parameter, Schedule Group, has been added for this report. A parameter to sort this report by Job or Schedule Group / Build Sequence has also been added. Two new columns, Build Sequence and Schedule Group, now print on this report.
- **Job and Schedule Interface Report:** This report replaces the Mass Interface Status Report.
- **Discrete Job Value Report:** In the Completions and other Transaction 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.
- **Expense Job Value Report:** In the Completions and other Transaction 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.
- **Repetitive Value Report:** In the Completions and other Transaction 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.
- **WIP Value Report:** In the Completions and other Transaction section of the report, the Transaction Type column heading has been changed to Transaction Action.

Database Objects

Oracle Work in Process 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*.

Production Release 16

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

New Tables

WIP_SCHEDULING_INTERFACE was created to support the enhanced job and schedule import capabilities added in Production 16.

New Views

WIP_SCHEDULING_ERRORS_V was created to support the enhanced job and schedule import capabilities added in Production 16.

Modified Tables

WIP_DISCRETE_JOBS

A new column called PROJECT_COSTED provides information about projects needed for WIP Project Manufacturing.

WIP_JOB_SCHEDULE_INTERFACE

A new column called PROJECT_COSTED provides information about projects needed for WIP Project Manufacturing.

WIP_MOVE_TRANSACTIONS

A new column called QA_COLLECTION_ID provides information about the quality collection identifier needed for the move transaction integration with Oracle Quality.

WIP_MOVE_TXN_INTERFACE

A new column called QA_COLLECTION_ID provides information about the quality collection identifier needed for the move transaction integration with Oracle Quality.

Also, you can now make these columns null:

- FM_OPERATION_SEQ_NUM
- FM_INTRAOPERATION_STEP_TYPE

WIP_PARAMETERS

A new column called MOVES_OVER_NO_MOVE_STATUSES is required to implement enhance restrictions on moving assemblies:

Modified Views

- WIP_DISCRETE_JOBS_V
- WIP_JOB_SCHEDULE_INTERFACE_V
- WIP_MOVE_TXN_INTERFACE_V
- WIP_PARAMETERS_V
- WIP_TRANSACTIONS_V
- WIP_MOVE_TRANSACTIONS_V

New Indexes

WIP_MOVE_TXN_ALLOCATIONS_U2

This index is on the following columns of the WIP_MOVE_TXN_ALLOCATIONS table:

- REPETITIVE_SCHEDULE_ID
- TRANSACTION_ID
- ORGANIZATION_ID

WIP_TXN_ALLOCATIONS_U2

This index is on the following columns of the WIP_TXN_ALLOCATIONS table:

- REPETITIVE_SCHEDULE_ID
- TRANSACTION_ID
- ORGANIZATION_ID

WIP_SCHEDULING_INTERFACE_N1

This index is on the following column of the WIP_SCHEDULING_INTERFACE table:

- GROUP_ID

Profile Options

Oracle Work in Process includes the following profile option changes made since Release 10.7 of Oracle Applications.

Production Release 16

The following profile options have been changed between Release 10.7 and Production Release 16.

New Profile Options

TP: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.