

Oracle® Banking Supply Chain Finance Release Notes



Release 14.8.2.0.0

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Banking Supply Chain Finance Release Notes, Release 14.8.2.0.0

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Preface

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Background

Oracle® Banking Supply Chain Finance is a comprehensive, digitized, end-to-end solution that supports the full lifecycle of supply chain finance across receivables and payables, providing both supplier-centric and buyer-centric financing. The solution addresses each of the supply chain processes from design through execution, thereby enabling the banks to optimize the working capital and supply chain operations of their corporate customers. Its unique value lies in its ability to provide the business with predefined processes and a world-class framework that takes care of business risk and compliance needs.

Purpose

This guide provides the details of the new enhancements in the Oracle Banking Supply Chain Finance.

Audience

This guide is intended for the following audience:

- Customers
- Partners

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For more information, refer to the following resources:

- *Oracle® Banking Supply Chain Finance User Guides*
- *Oracle® Banking Supply Chain Finance License Guide*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Acronyms and Abbreviations

The list of acronyms and abbreviations that are used in this guide are as follows:

Abbreviation	Description
API	Application Programming Interface
UI	User Interface
PO	Purchase Order
EOD	End of Day
FIFO	First In First Out
OBSCF	Oracle Banking Supply Chain Finance
OBCM	Oracle Banking Cash Management
OBSCFCM	Oracle Banking Supply Chain Finance and Cash Management
OBCL	Oracle Banking Corporate Lending
OBDX	Oracle Banking Digital Experience
OBMA	Oracle Banking Microservices Architecture

Abbreviation	Description
OBPM	Oracle Banking Payments
IOPK	Full Screen Request and Full Screen Response
FDD	Future Dated Disbursement
FSFS	Input Only Request and Primary Key Response
RFR	Risk Free Rate
RBAC	Role-based Access Control
SMS	Security Management System
LIBOR	London Interbank Offered Rate
NBFC	Non-Banking Financial Company
IBOR	Interbank Offered Rate
FCUBS	Oracle FLEXCUBE Universal Banking Solutions
OJET	Oracle JavaScript Extension Toolkit
PL/SQL	Procedural Language/Structured Query Language
SWIFT	Society for Worldwide Interbank Financial Telecommunications
SQLcL	Structured Query Language Developer Command Line
UTR Number	Unique Transaction Response Number

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Release Notes

This topic contains the following subtopics:

- [Release Highlights](#)
- [Release Enhancements](#)

1.1 Release Highlights

The scope of the current Oracle® Banking Supply Chain Finance release is to deliver the following enhancements:

Functional features

- Deferred Charge Liquidation Introduction
- Online Charges for all Invoices and Purchase Order Events
- FCI Message 18 Remittance
- FCI Message Inquiry Enhancements
- Enhancement to Interest Collection and Rate Revision
- Tax on Interest
- External Payment Support for Charges
- Consolidation of Accounting Entries
- Finance Bunching Parameters Enhancements
- Anomaly Detection of Invoices

Technical Changes

- Plato Archival Adoption (Non Business Tables)
- Plato Rule & Configuration Screens (Maker Checker)
- Display Product Version & Environment Name (UI/Logs)
- Resiliency Parameters – Adding JVM arguments for Services
- Enhancements to workflow Audit date/timestamps
- Plato Batch Framework Adoption

Integrations

- Oracle Banking Operations Ledger
- Adoption of API changes for OBA, ELCM

1.2 Release Enhancements

This topic contains the following subtopics:

- [Functional Features](#)
- [Non-Functional Features](#)
- [Technical Changes](#)
- [Integrations](#)
- [Deprecated Features](#)

1.2.1 Functional Features

Deferred Charge Liquidation Introduction

This release introduces a new screen designed to streamline the liquidation of charges that are postponed during Supply Chain Finance and Receivables and Payables transactions. These charges can now be liquidated either fully or partially, based on system configurations. The deferred charge liquidation details can be accessed from the Receivables Inquiry, Finance Inquiry, and Charge Inquiry screens.

Additionally, revisions have been made to the Finance Reversal transactions to allow for the effective management of deferred charge liquidation reversals.

Online Charges for all Invoices and Purchase Order Events

This release introduces enhancements to Receivables and Payables transactions, specifically for Invoices and Purchase Orders. These enhancements enable the calculation and collection of charges to be handled seamlessly during transaction processing across all events within Receivables & Payables Management.

Charge Levy on Various Base Amounts

Charges can now be levied based on the following invoice amounts, apart from Net Invoice Amount:

- Base Invoice Amount (excludes taxes and discounts)
- Total Invoice Amount (includes taxes and discounts)
- Acceptance Amount (Acceptance Amount against an Invoice)
- Assignment Amount (Assigned Amount against an Invoice)

Similarly, for Purchase Orders, charges can now be levied based on:

- Base PO Amount
- Total PO Amount (includes discounts and taxes)
- Net PO Amount (includes Miscellaneous charges on top of Total PO Amount)

FCI Message 18 Remittance

This release introduces enhancements to the FCI (write full form) module, specifically enabling the processing of Message 18 for Outbound and Inbound communications. Message 18 is a confirmation sent by the Import Factor to the Export Factor to indicate the remittance of funds. Additionally, the Receivables Inquiry screen has been enhanced to display these messages, while the Invoice and Payment Reconciliation processes have been updated to support this requirement.

FCI Message Inquiry Enhancements

This release introduces an enhancement to the Message Inquiry screen, allowing users to view and validate outbound FCI (Factor Chain Integration) messages before they are sent to the EDIFACTORING.COM platform. Previously, users could only view the messages after they were generated and sent to the data-interchange platform. This enhancement provides an opportunity for early validation and error checking before transmission.

Enhancement to Interest Collection and Rate Revision

The Interest Collection feature has been significantly enhanced to provide greater flexibility in how interest is collected. Previously, the system allowed for monthly interest collection to occur at the beginning of the month, end of the month, or at a fixed interval of every 30 days from the disbursement value date. The enhancement now allows users to collect interest on any specific date, providing more control and customization over interest accruals.

The Rate Revision feature has been enhanced to allow rate changes to be applied on a specific date. Previously, revisions were limited to Auto or Periodic schedules (daily, monthly, quarterly, half-yearly). This update offers more flexibility, enabling businesses to implement rate changes based on precise dates instead of waiting for preset intervals.

The Holiday Treatment feature has been enhanced to align with recent changes in Interest Collection and Rate Revision functionalities. Previously configured at the pricing level, holiday treatment fields are now set at the decisioning level, allowing for more precise management of holiday adjustments.

Tax on Interest

A new feature has been introduced to allow the levying of tax on interest collected for both front-ended and rear-ended transactions during disbursement and settlement. This includes taxes on both the interest and penalty components. These updates are reflected in finance transactions, charges, accounting, and inquiries to support this requirement.

External Payment Support for Charges

A new feature has been introduced to support Cross Border Transfers and External Funds Transfers for credit charges. External accounts can now be configured for receivables transactions, such as Assignment and Reconciliation (Recon). Users can also view, edit account details, or change the external account during the transaction process.

Consolidation of Accounting Entries

A new feature has been introduced to allow the consolidation of accounting entries for transactions, based on configurable settings. This enhancement reduces the volume of entries, improving clarity and manageability—especially for bulk transactions. It also supports more efficient review, reconciliation, and downstream reporting.

Finance Bunching Parameters Enhancements

The Consolidated Disbursements feature is enhanced to configure additional parameters for bunching. The additional parameters include the following:

- For Invoice - file reference, invoice date, stale status, overdue status, source application, funding request date, and purchase order number.
- For Purchase Order – file reference, purchase order date, and source application.

Anomaly Detection of Invoices

A new feature has been introduced to detect anomalies in invoice data, which can be activated through configuration. This feature is crucial for maintaining financial integrity and operational efficiency, helping to identify and prevent fraudulent activities, data entry errors, and inconsistencies in invoice data.

1.2.2 Non-Functional Features

There are no non-functional features as part of this release.

1.2.3 Technical Changes

Plato Archival Adoption (Non Business Tables)

Plato archival is being enabled for non-business tables (e.g., logging and audit tables) in the SCF domain via the integration of plato-archival-core. This provides archiving and purging capabilities for large volumes of historical data, improving system performance and data management.

Plato Rule & Configuration Screens (Maker Checker)

The Plato Rule and Configuration screens have been enhanced and converted to maker-checker screens. This introduces a formal approval workflow for changes. As part of this update, technical changes have been implemented in SCF to adopt the enhanced rule service, ensuring proper handling of rule creation, modification, and approval.

Display Product Version & Environment Name (UI/Logs)

A new change has been introduced to display the product release version and environment name in the UI and logs. This ensures that version information is verifiable, tenant-aware (for cloud deployments), and standardizes environment naming conventions across all deployment models.

Resiliency Parameters – Adding JVM arguments for Services

Added support to configure and apply additional JVM arguments at the service level, enabling more flexible tuning of runtime behavior and resiliency settings without requiring code changes.

Enhancements to workflow Audit date/timestamps

Workflow auditing has been enhanced to provide more consistent and accurate date/time capture and display for key workflow events. This improvement makes it easier to trace execution, monitor workflows, and support operational troubleshooting.

Plato Batch Framework Adoption

The Plato Batch framework has been adopted for certain End-of-Day processes, such as, Stale Invoice, Overdue Invoice, Non-performing Asset, Product Expiry, Program Expiry, Limit Structure Refresh, Limit Structure Expiry, Pre-EOD, Outstanding Transactions, Modify Contract, Batch Charges, PO Charges, Alerts.

1.2.4 Integrations

Oracle Banking Operations Ledger

As part of the evolving cloud architecture, Oracle Banking Supply Chain Finance now enables integration with Oracle Banking Operations Ledger (OBOL).

OBOL delivers essential core banking functions, including balance tracking, foreign currency (FCY) revaluation, and period closure for cloud-based services - offering capabilities on par with Oracle FLEXCUBE Universal Banking Solution (FCUBS).

Adoption of API changes for OBA, ELCM

Updated the integration layer to align with the latest OBA and ELCM API changes, ensuring continued compatibility and improving stability for related integration flows.

1.2.5 Deprecated Features

There are no deprecated features as part of this release.

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Components of the Software

This topic provides the information on the components of the software.

Documents accompanying the software

The various documents accompanying the software are as follows:

- Product Release Notes and Installer Kit
- User Manuals and Installation manuals

Software Components

Software Components of Oracle® Banking Supply Chain Finance that form part of this release are as follows:

- Core
 - UI Components
 - The Swagger / YAML for the services supported
 - Configuration files for the services
 - Service Components
 - Tables, Sequences, Static Data
- Installation utilities
 - Installation documents for Database, UI, Web services

3

System Requirements and Tech Stack

Tech Stack

The tech stack for Oracle Banking Supply Chain Finance is listed below.

Deployment Option: Single Instance Standalone

Table 3-1 Tech Stack

Machine	Operating System	Software	Version Number
Application Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0.0
		Java HotSpot™ JDK (with WebLogic Application Server)	Oracle JDK 17.0.18
Database Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.29.0.0.0
Message Broker	Oracle Linux Server 8.7 (x86 64 Bit)	Apache Kafka (Apache Zookeeper embedded with Kafka)	2.13-3.9.1
		Oracle Coherence	14.1.2.0.0
		Conductor	3.15.0

Note

Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability, and security.

UI Stack

Table 3-2 UI Stack

Software Type	Recommended Software	Version Number
UI	Oracle JET	v18.1.0

Client Machines

For detailed information on Browser Support, please refer to [Oracle Software Web Browser Support Policy](#).

Note

Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.

4

Third Party Software Details

For information on the third-party software, refer **Oracle® Banking Supply Chain Finance License Guide**.