

Oracle® Banking Supply Chain Finance

Release Notes



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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
OBDX	Oracle Banking Digital Experience
IOPK	Full Screen Request and Full Screen Response
FSFS	Input Only Request and Primary Key Response

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Release Notes

This topics provides the information about the release notes added to the product in this release.

This topic contains the following subtopics:

- [Release Highlights](#)
This topic provides the information on the release highlights added to the product in this release.
- [Release Enhancements](#)
This topic provides the information about the Release Enhancements for the current release.

1.1 Release Highlights

This topic provides the information on the release highlights added to the product in this release.

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

Functional features

- Introduction of the Reject option for Invoices, Debit Notes, and Purchase Orders
- Introduction of FCI Message 1
- Enhancement of Auto-Debit feature to apply only to Accepted/Financed Instruments
- Addition of fields to payments upload file template for FCI Message 12 Requirements
- Introduction of External Channel Identifier Reference field in the Payment file
- Enhancement to mark an Invoice as 'Paid' during Disbursement, when Buyer is Borrower
- Modifications to Application Parameters under System Parameters
- Provision to select Debit Account during Finance Settlement
- Provision to capture and display reason for rejection of ECA Block

Non-Functional features

- OBCL Gateway Request change from IOPK to FSFS for Payment Reversal Support

Technical Changes

- Kafka Resilience Configuration

Integrations

- Enhancement to Initiate Finance service API to receive Requested Finance Amount
- Enhancement to Limits Inquiry service API to search for limits pertaining to Product/Program/Spoke

1.2 Release Enhancements

This topic provides the information about the Release Enhancements for the current release.

This topic contains the following subtopics:

- [Functional Features](#)
This topic provides the information about the various functional features added to the product in this release.
- [Non-Functional Features](#)
This topic provides the information about the non-functional features added to the product in this release.
- [Technical Changes](#)
This topic provides the information about the technical changes added in this release.
- [Integrations](#)
This topic provides the information on the integration enhancements added to the product in this release.

1.2.1 Functional Features

This topic provides the information about the various functional features added to the product in this release.

Introduction of the Reject option for Invoices, Debit Notes, and Purchase Orders

As part of this release, Invoices, Debit Notes, and Purchase Orders that are not yet Accepted/Assigned/Financed can be rejected from the Receivables and Payables Management screen for valid business case scenarios. **Reject** is different from **Cancel** action, i.e., a rejected instrument can be created/uploaded with the same instrument number again. An option is also provided in the **Receivables Inquiry** screen, to search for rejected instrument.

Introduction of FCI Message 1

As part of this release, Message 1 is introduced in the application to allow the Export Factor to send the prospective seller's information to Import Factor i.e., when a Two-factor Program is created with Factoring Profile as Export Factor. The introduction of Message 1 feature facilitates the following functions:

- To provide information to Import Factor on a prospective seller.
- To obtain a quote for import factoring commission from the Import Factor.
- To create a new seller entry into the FSBC table.
- To inform the Import Factor that a factoring agreement has been signed.

FSBC Table

As part of this feature, a new **FSBC (Factor-Seller-Buyer-Currency)** conversion table customized to Supply Chain Finance is built in the application in accordance to the EDIT FACTORING guidelines. This facilitates the capture of the seller's information and send them to the Import Factor.

Customer Enrichment

As part of this release, a **Customer Enrichment** UI is introduced to allow the bank users to add additional information while creating a corporate. The **Customer Enrichment** screen can be accessed at the following path:

Receivables and Payables > Maintenance > Customer Enrichment

Enhancements to Program Parameters

As part of this feature, Program Parameters screen is enhanced to enable the users to add more information while creating a program for the required corporate. After the required information is captured, Message 1 will be generated once the program is authorized.

Enhancement of Auto-Debit feature to apply only to Accepted/Financed Instruments

As part of this release, a corporate user with Buyer role, can be debited automatically only for those instruments that have been **Financed**, or those that have been explicitly **Accepted** by the corporate.

Addition of fields to payments upload file template for FCI Message 12 Requirements

The following fields have been added to the payments upload file template, to make relevant payments eligible for FCI Message 12 processing:

- Payment Under Approval
- Indirect Payment
- Instrument Cleared
- Bank Charges
- Deduction Amount

Introduction of External Channel Identifier Reference field in the Payment file

Previously, when a payment file is uploaded from the corporate portal, the External Channel Identifier was passed in the **Filler 9** field. Currently, all the filler fields are made available to the corporate user for input. Hence, a new field called **External Channel Identifier Reference** is added to the payment upload file template to capture the reference number from External Channel.

Enhancement to mark an Invoice as 'Paid' during Disbursement, when Buyer is Borrower

As part of this release, an invoice that is financed, is marked as Paid during finance disbursement, provided the borrower is the Buyer, and the Product Category is **Invoice**.

Modifications to Application Parameters under System Parameters

Limit Type Field

The limit types in the **Limit Type** field will automatically apply to **Credit Limit Mapping** field barring the limit type **Main Limits** in the Application Parameters section of Supply Chain Finance module System Parameters.

Shift of System Parameters - Application Parameters fields from SCF to Receivables and Payables

The following Application Parameter fields have now been shifted from System Parameters under Supply Chain Finance module to System Parameters under Receivables and Payables module:

- Payment Conditions
- Terms of Sale
- Discrepancy Code
- Dispute Actions

- Adjustment Reason
- Industry
- Non-Customer Category
- Unit

Provision to select Debit Account during Finance Settlement

As part of this release, the Finance Settlement screen is enhanced to allow the banks to specify the debit account for effecting the settlement. In such cases, any internal account mapped to the borrower for finance settlement will be ignored.

Provision to capture and display reason for rejection of ECA Block

Finance transactions in the application involves invoking of ECA Block for lien marking during transaction processing. The lien marking is placed for all the accounts which are being debited as part of the transaction. FCUBS validates the ECA Block requests before actual blocking and sends a negative response in case of a failure. As part of this release, the application allows the capture and display of reason for rejection of an ECA Block from FCUBS if the validation is failed.

1.2.2 Non-Functional Features

This topic provides the information about the non-functional features added to the product in this release.

OBCL Gateway Request change from IOPK to FSFS for Payment Reversal Support

Previously, Supply Chain Finance sends the payment reversal gateway request to OBCL using IOPK format i.e., only sending the contract reference number without the event sequence number (ESN). This causes the reversal of all the subsequent payments. As part of this release, the payment reversal request will be sent through FSFS format which will include the event sequence number (ESN) as well.

1.2.3 Technical Changes

This topic provides the information about the technical changes added in this release.

Kafka Resilience Configuration

As part of Kafka resilience and fault tolerance setup for an on-premise environment, configuration had been done to establish a new Kafka cluster with three brokers using latest kafka version. Resilience properties were configured at both the Kafka brokers and the producer/consumer services to automatically recreate Kafka topics with appropriate resilience settings, such as a replication factor of 3 and a minimum of 2 in-sync replicas.

1.2.4 Integrations

This topic provides the information on the integration enhancements added to the product in this release.

API Enhancements

Enhancement to Initiate Finance service API to receive Requested Finance Amount

Previously, when a finance was requested through the OBDX portal, the entire financeable amount of the underlying invoice/purchase order was passed as the Finance Amount. As part

of this release, there is a provision to explicitly enter the finance amount against each instrument being financed. This allows the corporate user to modify the requested finance amount.

Enhancement to Limits Inquiry service API to search for limits pertaining to Product/Program/Spoke

The Limits Inquiry service API has been enhanced such that, a corporate user can now enquire limits pertaining to a particular Product, Program, or Spoke.

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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 (Knockout, OJET, Lux)
 - 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

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System Requirements and Tech Stack

For successful installation and configuration of Oracle Banking Supply Chain Finance, users must ensure the following hardware and software prerequisites are met before installation.

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	14.1.1.0.0 + Patch **28186730, **34686388, & **35778900
		Java HotSpot™ JDK (with WebLogic Application Server)	Oracle JDK 8 Update 341 or JDK 11.0.16
Database Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
Message Broker	Oracle Linux Server 8.7 (x86 64 Bit)	Apache Kafka	2.13-3.7.0
		Apache Zookeeper (Embedded with Kafka)	3.6.3

- ****28186730** - Patch to upgrade the Opatch version to 13.9.4.2.14.
- ****34686388** - Patch was applied to resolve security vulnerability CVE-2020-14882 that allows remote users to circumvent the authentication in the administrator console component.
- ****35778900** - Patch required for plato-coherence-server deployment.

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	v15.1.8

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

This topic describes about the license information for third-party software.

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