

Product Release Notes

Oracle Banking Supply Chain Finance

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Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
<https://www.oracle.com/industries/financial-services/index.html>

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1. Release Notes

1.1 Background / Environment

Oracle Financial Services Software Limited has developed Oracle Banking Supply Chain Finance solution. It is a comprehensive, digitized end-to-end solution that supports the full lifecycle of supply chain finance and factoring across receivables and payables offering supplier centric financing and buyer centric financing. The solution addresses each of the supply chain processes from design through execution thereby enabling 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.

1.2 Purpose

The purpose of this document is to highlight the functionalities included in the Oracle Banking Supply Chain Finance 14.5.2.0.0 release.

1.3 Abbreviations

Abbreviation	Detailed Description
OBSCF	Oracle Banking Supply Chain Finance
FCUBS	FlexCube Universal Banking System
OBDX	Oracle Banking Digital Experience
OBPM	Oracle Banking Payment Management
OBVAM	Oracle Banking Virtual Account Management
OBRH	Oracle Banking Routing Hub
DSL	Domain Specific Language
ELCM	Enterprise Limits and Collateral Management
API	Application Programming Interface (Conversion Open Interface)
NLP	Natural Language Processing
FDD	Future Dated Disbursement

1.4 Product Summary

Oracle Banking Supply Chain Finance Release 14.5.2.0.0 is enhanced to meet various challenges faced by financial institutions. It addresses each of the supply chain processes from design through execution. 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.

1.5 **Release Highlights**

The key highlight of this release is to release new functionalities and enhancements made in the existing features with 14.5.2.0.0 version, required for supply chain finance industry with the cutting edge technology.

Functional:

- Future Dated Disbursement Processing: Addition of 'Funding Request Date' field in Invoice File, Creation API, Creation UI to trigger automatic financing.
- Product Parameter UI: Addition of fields to support future dated auto-processing.
- Program Parameter UI: Addition of fields to support future dated auto-processing.
- Alert and Notification: New alert events for receivables in SCF.
- Disbursement and Settlement screen updated with fields to support Debit Note.
- Provision of 'Division Code Based' filter criteria in 'External Account Mapping' screen.
- Multilevel Approval: Finance transaction workflow allows three levels of approvals based on workflow rules.

Non-Functional:

- PO Creation and Management screens are redesigned and merged into 'Create Receivables and Payables' and 'Receivables & Payables Management' menu respectively.
- Limit Structure UI: Redesigned to provide better user experience.
- All Inquiry screens: UI enhancement of 'Date Range' field.
- Business Date Event: Provision to configure business date rollover event as part of EOD.
- Finance Reference No: Product Code length has been trimmed to first two characters and the running sequence appended at end has been increased to five digits, i.e. 99999

Integrations:

- Updated APIs:
 - Credit Note and Debit Note Creation/Update
 - Invoice-Credit Note Recon
 - Future Dated Disbursement
 - PO Creation/Management

2. Release Enhancements

2.1 Functional Features

2.1.1 Future Dated Disbursements Processing

As a part of this release, provision of 'Funding Request Date' has been added for the invoice records based on which a batch job is executed to trigger automatic financing on funding request date.

- The application parks the invoice for a future dated disbursement in case funding request date is a future date.
- Invoice can be edited/accepted/assigned at any time prior to the funding request date.
- On the funding request date, a batch job is executed, to identify and finance all eligible invoices for the date.
- Funding Request Date field has been added to the below screens:
 - Create Receivables and Payables (For 'Invoice' and 'Debit Note' instrument type)
 - Receivables and Payables Management: Date Reference Basis
- Additional field 'Funding Request Date' added to support FDD on below screens:
 - Create Receivables and Payables
 - Receivables and Payables Management
 - Receivables Inquiry
 - File Upload (Invoice and Debit Note)

2.1.2 Product Parameter UI for Future Dated Disbursements

As a part of this release, the Product Parameter screen has been enhanced to cater the support for future dated disbursements (FDD). Disbursement/Settlement Auto processing flag are decoupled from Auto finance/Auto settlement flag. This de-coupling of processing related flags is done for program parameters and link spokes as well.

- The 'Holiday Treatment for FDD' field is added.
- The switch to enable/disable 'Disbursement Auto-Processing' and 'Settlement Auto-Processing' is added.

2.1.3 Program Parameter UI for Future Dated Disbursements

As a part of this release, the Program Parameter screen has been enhanced to cater the support for future dated disbursements (FDD). Disbursement/Settlement Auto processing flag are decoupled from Auto finance/Auto settlement flag. This de-coupling of processing related flags is done for product parameters as well.

- The drop down list to enable/disable 'Disbursement Auto-Processing' and 'Settlement Auto-Processing' is added.

2.1.4 **Alert and Notification Events for Receivables**

As a part of this release, the application is enhanced to include the alerts and notification as part of base product design. At a high level, the alerts are segregated into:

- Invoice events in OBSCF as part of receivables management
- File Upload events in OBSCF as part of receivables management
- Payment event in OBSCF as part of receivables management

Each of the above categories are detailed out in the following sections for alerts events and triggering rules.

Alert Category	Alert Name	Description
Invoice	Invoice Reassignment in Progress	Generated when the user submits the invoice re-assignment is in progress.
	Invoice Acceptance in Progress	Generated when the user (maker) invoice acceptance is in progress.
	Invoice Modification in Progress	Generated when the invoice amendment/modification transaction is in progress.
	Invoice Dispute In Progress	Generated when the invoice dispute raised is in progress.
	Invoice Assignment in Progress	Generated for maker/checker roles when the invoice assignment is in progress.
	Invoice Cancellation in Progress	Generated when the invoice cancellation transaction is in progress.
	Create Invoice in Progress	Generated when the user (maker) creation is in progress.
	Invoice Cancellation	Generated when the invoice cancellation transaction is submitted by the user
	Invoice Modification	Generated when the user (maker) submits the invoice amendment/modification transaction.
	Invoice Reassignment	Generated when the user submits the invoice re-assignment transaction in OBSCF.
	Invoice Dispute	Generated when the invoice dispute is raised.
	Invoice Assignment	Generated for maker/checker roles when the invoice assignment request is received from OBDX.
	Invoice Acceptance	Generated when the user (maker) submits the invoice acceptance transaction.
	Create Invoice	Generated when the user (maker) creates and submits the individual invoice transaction. Upon submission, this alert will be triggered.
	Dr/Cr Note Transaction Creation	Generated when the user (maker role) submits manual Dr/Cr Note transaction.
File Upload	Payment File Upload	Generated when the Payment file is submitted by the users in the back end.

Alert Category	Alert Name	Description
	Credit Note File Upload	Generated when the Credit Note file is submitted by the users in the back end.
	Debit Note File Upload	Generated when the Debit Note file is submitted by the users in the back end.
	Purchase Order File Upload	Generated when the PO file is submitted by the users in the back end.
	Invoice File Upload	Generated when the invoice file is submitted by the users in the back end.
Payment	Create Payment	Generated when the payment is made by the users.

2.1.5 **Disbursement and Settlement: Support for Debit Note**

As a part of this release, the transactions screen of disbursement and settlement are enhanced to provide support for Debit Note.

- The 'Linked Invoices' link in 'Basic Info' tab of Finance Tasks is changed to 'Linked Receivables'.
- Linked Invoice hyperlink changes:
 - The 'Invoice No' and 'Invoice Ref No' labels are changed to 'External Ref No' and 'Internal Ref No' respectively.
 - The 'Invoice Amount' is renamed as 'Receivable Amount'.
 - The 'Invoice Date' and 'Invoice Due Date' are renamed as 'Issue Date' and 'Due Date' respectively.
 - The 'Invoice Status' is renamed as 'Instrument Status'.
- The 'Total Invoice Amount' field in all Data Segments is changed to 'Total Receivable Amount'.

2.1.6 **Division Based Filter Criteria**

As a part of this release, the maintenance screens of External Account Mapping has been enhanced to support filter criteria based on division code.

- 'Division Code Based' value is now listed in 'Filter Criteria' field in 'External Account Mapping' screen of maintenance module of receivables and payables.

2.2 **Non-Functional Features**

2.2.1 **Merger of PO Creation and Management**

As a part of this release, the purchase order can be now be created from 'Create Receivables and Payables' screen. Similarly, purchase orders can be managed from the 'Receivables and Payables Management' screen.

- The 'Purchase Order' value has been added to the 'Instrument Type' field.

- The 'Create Purchase Order' UI has been redesigned as given below to make it consistent with Create Invoice UI.

Sr. No.	Field Name	Mandatory /Optional	Description
Basic Information Tab			
1	PO Number	M	External Number of PO as provided by the client can be input for new record or searched for In progress record.
2	PO Date	M	Refers to the date of the Purchase Order
3	Buyer	M	Buyer Search lists LOV's to search by Buyer ID, Buyer Name and Buyer External Code.
4	Relationship	CM	Works similar to the existing search. Relevant relationships to be fetched.
5	Program	CM	Works similar to the existing search. Only Programs linked to products with underlying Product Category as "PO" should be shown even if buyer and relationship are selected prior. Will be shown only if OBSCF or OBSCFCM is enabled in system parameters
6	Supplier	M	Supplier Search lists LOV's to search by Supplier ID, Supplier Name and Supplier External Code. Relevant suppliers only to be fetched based on the previous selections.
7	Buyer Division Code	O	Works similar to the existing search
8	Supplier Division Code	O	Works similar to the existing search
9	Pre-Accepted	O	Yes or No switch indicating if PO has been Pre-Accepted by the Supplier
10	Remarks	O	This field is newly added to Create PO. Allows the user to capture remarks, if any.
Commodity/Pricing - (Commodity Details is Renamed)			
1	Add Commodities	M	Set to No by default. If enabled, displays the commodities grid to add commodities.
Commodity Details Section - (Changed to Inline grid)			
1	Commodity Name	M	Commodity Name pop-up will list Commodity Code as an LOV, Commodity Name as an input field and Description of Goods as an input field in Create PO

2	Commodity Code	M	Commodity Code can be selected from the LOV. List of codes are to be maintained in the commodity master
3	Description of Goods	O	User may input desired description.
4	Quantity	M	Pop-up will have Quantity, Unit and Unit Weight as editable fields. Total Weight will be populated in the pop-up itself.
5	Unit	M	The "Unit" used to measure the commodity. Existing options in the dropdown to be retained.
5	Unit Weight	O	Unit weight of commodity may be entered.
6	Total Weight	O	Total Weight=Unit Weight * Quantity. If this calculated value is changed, then the Unit Weight is also changed accordingly.
7	Unit Cost	M	Unit cost and Total Cost will be shown. Unit Cost will be enterable for a PO. Total Cost will be populated as given below.
8	Total Cost	M	Total Cost=Unit Cost * Quantity. If calculated total cost is changed, then this results in a corresponding change in unit cost.
9	Discount %	O	Discount % as defined in the PO is entered.
10	Discount Amount	O	Discount Amount is calculated on the Total Cost. If calculated discount amount cost is changed, then this results in a corresponding change in discount %.
11	Tax %	O	Tax % as defined in the PO is entered.
12	Tax Amount	O	Tax Amount is calculated on (Total Cost - Discount Amount). If calculated tax amount cost is changed, then this results in a corresponding change in tax%.
13	Currency	M	Currency of PO may be selected.
14	Net Cost	M	Net Cost is calculated basis the above values, similar to Invoice.
Pricing Details Section: Most fields are similar to the existing PO Summary)			
Shipment Information: Fields rearranged as per wireframe and fields Miscellaneous Charges have been shifted to the Purchase Order Details Section.			

2.2.2 Limits Structure: UI Enhancements

As a part of this release, the screen to create limit structure has been re-designed to provide better user experience.

- User can add child limits from the parent limit structure only.
- Limit structure can be viewed in tabular as well as hierarchical pattern.
- Color coding is improved for each entity in the limit structure.
- It is now easier to expand/collapse or navigate through the limit structure.

2.2.3 Inquiry: UI Enhancement

As a part of this release, all the inquiry screen are updated with enhanced UI.

- 'From Date' and 'To Date' fields are now combined and renamed as 'Date Range'.

2.2.4 Business Date event in EOD

Business date rollover event is included as part of EOD which moves current branch business date to next business date. Currently manual intervention is required to configure the event.

2.2.5 Limit Structure: Click & Auto-add

'Drag & Drop' feature has been replaced by the 'Click & Auto-add' feature. Hence, addition of multiple entities to corporate limit structure is much more convenient.

2.3 Integrations

2.3.1 API for Credit Note and Debit Note Creation

Debit/Credit note creation through the portal is executed through the newly added Post API. The Get API is used to fetch debit/credit note information from the back-office.

2.3.2 API for Invoice-Credit Note Recon

Existing Invoice-Payment Recon API is enhanced to include option of reconciling Invoice-Credit Note Recon.

2.3.3 API for Future Dated Disbursement

- Changes to Response specification of existing Get Invoice Service API to include fields for Funding Request Date.
- Changes to existing Post/Edit Invoice Service API to allow input of Funding Request Date.

2.3.4 API for PO

API added so that corporate can create, modify, and get PO details using portal.

2.4 Platform Changes

NA

3. Deprecated Functionality

Below list describes the fields/functionality/screens/features that are discontinued with the OBSCF release 14.5.2.0.0.

- The **'Purchase Order'** menu under **'Receivables & Payables'** has been deprecated. As result, separate screens for the **'Create Purchase Order'** and **'Purchase Order Management'** are deprecated.

4. Patches and Bugs

BugID	Bug Description	Fix Description

5. Security Fixes

NA

6. Limitations and Open issues

6.1 Limitations and open issues

BugID	Bug Description

7. Components of the Software

7.1 Documents accompanying the software

The various documents accompanying the software are as follows:

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

7.2 Software Components

Software Components of OBSCF 14.5.2.0.0 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

8. Annexure – A: Environment Details

Oracle Banking Supply Chain Finance			
Application Server	Oracle Linux Server Release 8.3 (x86 64 Bit)	Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 281
		Oracle WebLogic	12.2.1.4.0
		Oracle Repository Creation Utility (RCU)	12.2.1.4.0
		Oracle Fusion Middleware Infrastructure	12.2.1.4.0
Database Server	Oracle Linux Server Release 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0 (19c)
Document Management System	Oracle Linux Server Release 8.3 (x86 64 Bit)	Oracle WebCenter Content Imaging	12.2.1.4.0
Client Machines#		Mozilla Firefox	87+
		Google Chrome	88+
		Microsoft Edge	89+
		Apple Safari	14+
Browser Support is strictly tied to the Browser itself, and no longer based on the Operating System. Current release is certified on client workstations with Windows 10 and Mac.			

9. Annexure – B: Third Party Software Details

For information on the third-party software, refer Oracle Banking Supply Chain Finance 14.5.2.0.0 License Guide in the OHC Documentation Library:

https://docs.oracle.com/cd/F46410_01/license.htm