

# Oracle® Banking Cash Management

## Release Notes



Release 14.7.0.0.0

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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.

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Oracle Banking Cash Management Release Notes, Release 14.7.0.0.0

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# Contents

## Preface

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## 1 Release Notes

---

1.1	Release Highlights	1-1
1.2	Release Enhancements	1-2
1.2.1	Functional Features	1-2
1.2.2	Non-Functional Features	1-4
1.2.3	Technical Changes	1-5
1.3	Deprecated Features	1-5

## 2 Components of the Software

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### A Environment Details

---

### B Third-Party Software

---

# Preface

## Background

Oracle Banking Cash Management enables a financial institution to manage the account receivables and account payables of their corporate customers. Oracle Banking Cash Management provides a technology platform capable of capturing account receivables and account payables of corporates across disparate accounts and locations. This in turn enables better management of working capital for the corporate.

## Purpose

The purpose of this Release Notes is to highlight the various features in Oracle Banking Cash Management 14.7.0.0.0 release to meet various challenges faced by financial institutions. It addresses each of the cash management 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.

## Audience

This guide is intended for the following audience:

- Customers
- Partners

## List of Acronyms and Abbreviations

**Table 1 List of Acronyms and Abbreviations**

Abbreviation	Description
API	Application Programming Interface
LHS	Left Hand Side
ML	Machine Learning
OS	Operating System
UI	User Interface

## List of Topics

This guide is organized as follows:

**Table 2 List of Topics**

<b>Topics</b>	<b>Description</b>
<a href="#">Release Notes</a>	This topic provides the information on the release enhancements for Oracle Banking Cash Management.
<a href="#">Components of the Software</a>	This topic consists of the technology pre-requisites required for Oracle Banking Cash Management.
<a href="#">Environment Details</a>	This topic provides the information on the environment details for Oracle Banking Cash Management.
<a href="#">Third-Party Software</a>	This topic provides the information on licensing of third-party software that are packaged with Oracle Banking Cash Management.

**Related Documents**

For more information, refer to the following documents:

- Oracle Banking Cash Management User Manuals
- Oracle Banking Cash Management License Guide

# 1

## Release Notes

This topic 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 information about the Release Enhancements for release 14.7.0.0.0
- [Deprecated Features](#)  
This topic provides the information on the features deprecated from the product in this 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 release Oracle Banking Cash Management 14.7.0.0.0 is to deliver the following enhancements:

- Netting Agreement
- Netting Decisioning
- Netting Calculation and Settlement
- Reconciliation rules to include ability to create rules with “Fixed Values” and Case Sensitivity
- Reconciliation rule addition of new pattern type 'Contains'
- Alerts generation for Cash Deposit (on Approval)
- Alerts generation for Cash Withdrawal (on Approval)
- Addition of Own Branches location network in Location maintenance
- Placeholder for Debit/Credit Notes in Database for including/excluding in reconciliation
- Placeholder for Debit/Credit Notes in File Upload and Service API for including/excluding in reconciliation
- Provision to select between real and virtual credit account when marking instrument status
- KAFKA event trigger on instrument status change through Instrument Management
- Refreshing of Deposit Slip Details segment during creation of Deposit Entry
- Introduction of the Reject option for the Checker
- Total Settlement Tranche Count and Tranche Average pay gap set to zero

- Weekly frequency data changes in Cash Flow Forecasting
- Addition of Transaction Status option in 'Add/Remove columns' list, in Cashflow Inquiry
- Time stamp added for ML Prediction in result table
- Oracle JET version has upgraded from 9.1.0 to 13.0.0

## 1.2 Release Enhancements

This topic provides information about the Release Enhancements for release 14.7.0.0.0

This topic contains the following subtopics:

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

### 1.2.1 Functional Features

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

#### **Netting Agreement and Netting Decisioning**

A Netting Agreement maintenance screen has been introduced to create netting rules to be linked to a relationship or to a corporate and counterparty pair. A Netting Decisioning maintenance screen has been introduced to link agreement rules with appropriate relationship and counterparty.

#### **Netting Calculation and Settlement**

A new batch has been introduced to create a netting transaction. Separate transactions are created for different currencies of receivables and payables.

The netting jobs include identification of receivables and payables as per the criteria defined in Decisioning screen. Post which these transactions go for approval /rejection and settlement cycle.

#### **Reconciliation rules to include an ability to create rules with “Fixed Values” and Case Sensitivity**

A Case Sensitive switch (Yes or No) is introduced in the exact recon condition to select whether the system needs to check the case sensitivity of the field value while recon execution.

**Reconciliation rule addition of new pattern type “Contains”**

A new pattern type Contains is introduced in Recon rule definition maintenance screen to check at the time of reconciliation that the LHS attribute field selected should contain any specified words or phrases entered as VALUE.

**Alert generation for Cash Deposit and Withdrawal (on Approval)**

A new alert categories Cash Collection and Cash Withdrawal are introduced in Alert Definition and Alert Decisioning screen to configure the alert and notification events for cash deposit and withdrawal transactions on approval.

**Addition of Own Branches location network in Location maintenance**

A new **Location Network** field is introduced in Location maintenance screen to display the extended screen and configure the bank details (Correspondent / Outside Network / Own Branches). An **Own Branches** option is introduced in Location Network field to process the cheque in the own branches locally

**Placeholder for Debit/Credit Notes in Database for including/excluding in reconciliation**

Debit and credit notes that are created directly in the application, are now included in cashflow forecasting. A flag or placeholder has been introduced in the database that indicates whether a newly created debit/credit note, which is consumed for cashflow forecasting, must be reconciled or not. This is applicable for manual, automatic or both options of reconciliation. The name of the flag is 'Not to be directly Reconciled'. If this flag is set to 'Y', then the debit/credit note must NOT be picked up for reconciliation. And if set to 'N' or 'Null', then the debit/credit note must be picked up for reconciliation.

**Placeholder for Debit/Credit Notes in File Upload and Service API for including/excluding in reconciliation**

Debit and credit notes that are created though file upload or service API, are now included in cashflow forecasting. A flag or placeholder has been introduced in the database that indicates whether a newly created debit/credit note, which is consumed for cashflow forecasting, must be reconciled or not. This is applicable for manual, automatic or both options of reconciliation. The name of the flag is 'Not to be directly Reconciled'. If this flag is set to 'Y', then the debit/credit note must NOT be picked up for reconciliation. And if set to 'N' or 'Null', then the debit/credit note must be picked up for reconciliation.

**Provision to select between real and virtual credit account when marking instrument status**

When marking instrument status, in the *Instrument Management > Mark Instrument Status* screen, a provision has been made to enable selection of either real or virtual option for credit account number. For this purpose, a new field called Account Type with two radio buttons: *Real* and *Virtual*, has been introduced. This field is available in the pop-up screen which appears on clicking search in the *Credit Account Number* field. Based on requirement, the user can either select the 'Real' option or the 'Virtual' option, when searching for credit account number.

**KAFKA event trigger on instrument status change through Instrument Management**

Whenever the status of an instrument is changed through the *Instrument Management* screen, KAFKA will trigger and send updates to the Instrument Collection reporting schema.



### **Refreshing of Deposit Slip Details segment during creation of Deposit Entry**

In the *Cash Transaction > Deposit Entry > Deposit Slip Detail* segment, on searching for an external reference number, the deposit slip associated with that reference number is displayed in the left-hand pane. When the deposit slip in the left-hand pane is clicked, its details appear in the right-hand pane. On clicking the delete icon beside the deposit slip in the left-hand pane, the right-hand pane will now refresh and be available for creation of a new deposit slip.

Similarly, when the external reference number is searched, and the associated deposit slip is displayed in the left-hand pane, on clicking the delete icon directly without clicking on the deposit slip, the right-hand pane will now refresh and be available for creation of a new deposit slip.

### **Introduction of the Reject option for the Checker**

Along with the Approve option, there is now a Reject option available to a Checker (Approver). Once the Checker rejects a record, there is a provision to enter relevant comments for the rejection. The record is then available to the Maker for modification/ updating.

This feature is now available for the following modules:

- Arrangement Definition
- Arrangement Decisioning
- Cash Denomination
- Cashflow Maintenance
- Courier Setup
- Corporate Enrichment
- Location
- Location Cluster
- Product
- Vault Maintenance

The View screens in the above modules have also been enhanced to display the number of submissions made by the Maker in the specific record tile.

### **Total Settlement Tranche Count and Tranche Average pay gap set to zero**

The values of `getTotalSettleTrancheCount` and `result.getTrancheAvgPayGap()` should be greater than 0. If a negative value appears, it is replaced with 0. This is required to ensure that negative tranche count and negative average pay gap is handled logically.

## **1.2.2 Non-Functional Features**

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

### **Weekly frequency data changes in Cash Flow Forecasting**

The cashflow data for weekly frequency now stores the start and end dates for each week.

### **Addition of Transaction Status option in 'Add/Remove columns' list, in Cashflow Inquiry**

In the *Cashflow Inquiry* screen, in the grid where the cashflow search results are displayed, a new option has been added to the 'Add/Remove columns' list, called 'Transaction Status'. This has been added in alphabetical order. The user can now click on the 'Add/Remove columns' icon and select this option to be viewed in the grid.

### **Time stamp added for ML Prediction in result table**

Initially, only the Date of running the batch job was being stored in the results table; this has now been enhanced to store the time stamp as well. This is required as the job can run multiple times in the day.

## 1.2.3 Technical Changes

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

- Oracle Database 19c Enterprise Edition Release is changed to 19.16.0.0.0.
- Oracle JET version is upgraded from 9.1.0 to 13.0.0

## 1.3 Deprecated Features

This topics provides the information on the features deprecated from the product in this release.

Not Applicable

# 2

## Components of the Software

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

### **Documents Accompanying the Software**

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit
- User and Installation manuals

### **Software Components**

Software Components of Oracle Banking Cash Management 14.7.0.0.0 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

# A

## Environment Details

This topic describes about Tech Stack details of Oracle Banking Cash Management.

### Tech Stack – Oracle Banking Cash Management

**Table A-1 Tech Stack – Oracle Banking Cash Management**

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Cash Management	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch 32077936**
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 341 & JDK 11.0.16
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.16.0.0.0
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
				Apache ZooKeeper	3.6.2
		Client Machines# For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at : <a href="https://www.oracle.com/middleware/technologies/browser-policy.html">https://www.oracle.com/middleware/technologies/browser-policy.html</a>	Mozilla Firefox	Mozilla Firefox Release (87+)	
			Google Chrome	Release (Version 88+)	
			Microsoft Edge	Microsoft Edge (89+)	
			Safari	Apple Safari (14+)	

**\*\* Patch 32077936:** JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED, needs to be applied to Weblogic version 14.1.1.0.0.

 **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.

**Table A-2 UI Stack**

<b>Software Type</b>	<b>Recommended Software</b>	<b>Version Number</b>
UI	Oracle JET	v13.0.0

# B

## Third-Party Software

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

For information on the third-party software, refer to the **Oracle Banking Cash Management License Guide**