

Oracle® Banking Treasury Management Release Notes



Release 14.7.0.0.0

F71184-01

November 2022

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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Preface

This topic contains following sub-topics:

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Background

Oracle Financial Services Software Limited has developed new product processor, Oracle Banking Treasury Management (OBTR), which is a comprehensive solution for managing Treasury operations for Banks. Oracle Banking Treasury Management is an online Real-time solution and enabled for a multi-entity, multi-currency, multi-lingual operations. OBTR is built on highly adaptable and modular architecture with leading edge industry standards and supports multi-tenancy deployments.

OBTR offers financial institutions, the flexibility to adapt to changing regulatory reforms in treasury markets and enable banks to improve their overall operational efficiency. OBTR provides end-to end trading capabilities for diverse range of Trading Instruments in Foreign Exchange, Money Markets, Securities, Derivatives and Over-the-counter products. OBTR is equipped with an innovative pre- settlement manager that expedites and simplifies the operational flow of the Treasury Deals.

Purpose

The purpose of this Release Note is to propagate the features of Oracle Banking Treasury Management 14.7.0.0.0.

Audience

This document is intended for the following audience:

- Customers
- Partners

Abbreviations

Table 1 Abbreviation

Abbreviation	Description
JDK	Java Development Kit
OBTR	Oracle Banking Treasury Management
ELCM	Enterprise Limits and Collateral Management
OHC	Oracle Help Center
OJET	Oracle JavaScript Extension Toolkit
RDMS	Relational Database Management System
SME	Small and Medium Sized Enterprises
UI	User Interface

List of Topics

Topics	Description
Release Notes - Introduction	This topic provides the information on the release enhancements for Oracle Banking Treasury Management.
Components of the Software	This topic consists of the technology pre-requisites required for Oracle Banking Treasury Management.
Environment Details	This topic provides the information on the environment details for Oracle Banking Treasury Management.
Third Party Software Details	This topic provides the information on licensing of third-party software that are packaged with Oracle Banking Treasury Management.

Related Documents

For more information on any related features, you can refer to the following documents:

- *Oracle Banking Treasury Management User Manuals*
- *Oracle Banking Treasury Management License Guide*

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Release Notes - Introduction

This topic contains the following subtopics:

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

1.1 Release Highlights

The rationale for the new product release of Oracle Banking Treasury Management version 14.7.0.0.0 is to enhance the existing product with newer Treasury functionality, enabling Banks to choose a diverse range of Treasury products designed to support multiple currencies, facilitate, and manage handling of trades efficiently and to support the regulatory requirements and to have features that are essential for Capital markets.

- Oracle Banking Treasury Management has the below major modules:
 - Foreign Exchange
 - Money Market
 - Securities
 - Repo and reverse repo
 - Over The Counter Currency Options
 - Over The Counter Interest Rate Options
 - Over The Counter Interest rate and Cross currency Swaps
 - Forward Rate Agreement (FRA)
 - Exchange Traded Derivatives for Commodities Futures and Options
 - Exchange Traded Derivatives for Interest Rate Futures and Options
 - Exchange Traded Derivatives for Currency Futures and Options
 - Exchange Traded Derivatives for Bonds and Equity Futures and Options
 - Exchange Traded Derivatives for Index Futures and Options
 - Islamic Money Market
 - Islamic Derivatives
- Oracle Banking Treasury Management product consists of common sub systems for processing Settlements, Messages, Tax, Brokerage, Interest, Charges, Commission and Fees and so on in the various modules mentioned above.
- Oracle Banking Treasury Management product consists of Pre-Settlement Manager layer, which can receive request from front office and the below features are available:
 - Defining the rules for queue processing and for product derivation
 - Settlement pick up
 - Exception handling

- Confirmation message generation
- Pre-Settlement queue monitor enables the user to get a consolidated view of the exceptions and enables the resolution
- Oracle Banking Treasury Management product can work as a stand-alone system or can work in tandem with other Oracle Banking products such as OBPM, OBTF, OBDX, Oracle Banking Limits and Collateral Management and OFSAA
- Oracle Banking Treasury Management can integrate with DDA systems like Oracle FLEXCUBE Universal Banking System for DDA Posting, Accounting and MIS.
- Following are the additional features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

1.2 Release Enhancements

Derivative contracts enhancements

System is enhanced to support Compounding frequency for the fixed rate for different frequencies.

Multiple Holiday preferences are enabled for principal cash-flow in derivative contracts

Rate fixing enhancements

System enhanced to allow rate reset before the value date till trade date for MM, SR, DV, OT and SE modules

System is enhanced to support the amendment of rate fixing before Rate Revision for MM, SR and DV modules.

RFR enhancements

Support for RFR rate compounding method is extended to OTC Options.

System to support Weighted average calculation method for RFR contracts for MM, SR, DV, OT and SE modules

System to support interest recalculation using the latest rate during prepayment in case of RFR contracts for SR and DV modules

Securities contracts enhancements

System is enhanced to default settlement party details configured for the market of issue of the securities transferred as collateral for the security deals automatically created during repo deal booking.

Extended the Weighted moving average method of amortization to Zero Coupon bonds

Settlement Instructions enhancements

System is enhanced to include Ultimate Beneficiary fields in Treasury Settlement Instructions Maintenance screen and same will be populated to OBTR deal level on Settlement default. This is applicable for all modules where payment message generation is applicable.

Accounting enhancements

System is enhanced to support synchronous ECA check during EOD for MM, SR,FX, DV,OT and SE contracts, ECA creates block on the customer account for debit amount of the transaction and the block is released on successful accounting entry posting

ELCM Integration enhancements

System is enhanced to support linkage of Line code (facility) belonging to any of the liabilities of the customer at deal level for FX, MM, SR, DV, OT and SE modules. Liability number will be passed along with line code to ELCM during utilization request

During EOD batch processing, call to ELCM is made synchronous for Derivative, Options and Foreign Exchange modules.

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Components of the Software

Documents Accompanying the Software

The various documents accompanying the software are as follows:

- *Release Notes*
- *Installation Manuals*
- *User Manuals*

Software Components

Software Components of Oracle Banking Treasury Management 14.7.0.0.0 that are part of this release are as follows:

Host

- UI Components (JS,XML)
- Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
- Tables, Types, Sequences, INC
- Reporting Components(Data models (xdmz), Reports (xdoz),Sub-template (xsbz))

Java application layer

- Java sources
- Configuration files used for deployment

Integration Gateway

REST Services

Java application layer

- Java sources
- Configuration files used for deployment

Conversion Utilities

Installation utilities

ADF files used by Generic Interface (GI) – incoming and outgoing

Tools

- ODT

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Environment Details

Tech Stack – Oracle

Table 3-1 Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Treasury Management	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	14.1.1.0.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 341
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.16.0.0.0
		Client Machines# For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at https://www.oracle.com/middleware/technologies/browserpolicy.html	Client Machine	Mozilla Firefox	91+
			Client Machine	Google Chrome	100+
			Client Machine	Microsoft Edge	99+
			Client Machine	Safari	15+
Oracle Banking Treasury Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0

Table 3-1 (Cont.) Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
	HTTP Servlet (incoming)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0
	EJB (incoming)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0
	MDB (incoming)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0
	Notifications (outgoing)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0

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Third Party Software Details

For details on the third party software used, see Oracle Banking Treasury Management 14.7.0.0.0 Licensing Guide available in the OHC Documentation Library.

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