Oracle® Banking Treasury Management

Release Notes

Release 14.8.1.0.0
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ORACLE®

Oracle Banking Treasury Management Release Notes, Release 14.8.1.0.0

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Preface

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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 14.8.1.0.0

Audience

This document is intended for the following audience:

- Customers
- Partners

Abbreviations

Table 1   Abbreviation

Abbreviation	Description
ELCM	Enterprise Limits and Collateral Management
EA	External Accounting
ECA	External Credit Approval
OBTR	Oracle Banking Treasury Management
ELCM	Enterprise Limits and Collateral Management
FCUBS	Oracle FLEXCUBE Universal Banking
JDK	Java Development Kit
OBPM	Oracle Banking Payments
OHC	Oracle Help Center
OJET	Oracle JavaScript Extension Toolkit
RDMS	Relational Database Management System
RFR	Risk Free Rates
SME	Small and Medium Sized Enterprises
SWIFT	Society for Worldwide Interbank Financial Telecommunication
UDF	User Defined Fields
UI	User Interface

Table 2   Module Code and Description

Module Code	Description
FX	Foreign Exchange
MM	Money market
SE	Securities
DV	Derivatives
ED	Exchange Traded Derivatives
OT	Options
ID	Islamic Derivatives
MC	Islamic Money Markets
SR	Securities Repo and Reverse Repo

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.

Topics	Description
[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](#)
- [Deprecated Features](#)

1.1 Release Highlights

The rationale for the new product release of Oracle Banking Treasury Management version 14.8.1.0.0 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

Hybrid Address Support for Parties as per ISO 20022 Guidelines

System is enhanced to support hybrid (semi-structured) postal address option for all the parties in settlement instruction maintenance and in settlement subsystem of contracts. **Town Name** and **Country** are mandatory in the maintenance.

The payment message generation request to OBPM carries the structured address field values maintained for the parties.

ISO 20022 MX Message Support for Foreign Exchange Trade

System supports below listed foreign exchange trade messages in ISO20022 MX format(equivalent to MT300 - Foreign Exchange Confirmation):

- Foreign Exchange Trade Instruction (fxtr.014.001) - Sent by a participant to a central system to notify the creation of the foreign exchange trade agreed by both trading parties.

- Foreign Exchange Trade Instruction Amendment (fxtr.015.001) -Sent by a participant to a central system to notify the amendment of the foreign exchange trade previously confirmed by the sender.

- Foreign Exchange Trade Instruction Cancellation (fxtr.016.001) - Sent by a participant to a central system to notify the cancellation of the foreign exchange trade previously confirmed by the sender.

SWIFT 2025 changes

System is enhanced to support SWIFT 2025 Regulatory changes:

- A new parameter for SWIFT 2025 is introduced to control enabling/disabling the usage of SWIFT 2025 changes.

- The field name for mandatory tag 30V under Mandatory Sequence B-Transaction Details, will now be renamed to Settlement date from earlier named Value Date . This will impact MT 300 and MT 304.

- In MT305(Foreign Currency Option Confirmation) mandatory field 31a will support a new Option W in addition to existing Option G which will specify the date, time, and location at which the option expires.

OBRH Integration Guide

OBTR is enhanced to support the integration with External Products like OBPM, ELCM and FCUBS through OBRH **Existing External Service Maintenance** screens for OBPM, ELCM and FCUBS are enhanced by adding Header Profile and Communication type fields.

Oracle Banking Microservice Architecture (OBMA) and Oracle Development Tool (ODT) Core Merger

The OBMA Core and ODT Core have been unified into a single common core system to be shared by both OBMA and ODT products.

- Functions that existed in both cores have been removed from the ODT common core if they were already available in the OBMA common core.
- The OBMA common core screens will now be used to maintain all common core data.
- The ODT common core will reference OBMA common core data through Oracle database views.
- Replication of the following entities from Oracle FLEXCUBE Universal Banking to the ODT common core has been discontinued:
  - External Customer
  - External Customer Account
  - External Chart of Accounts
  - External Consumer Loan Account
  - External Transaction Code

1.3 Deprecated Features

Below Function id's are deprecated in this release as part of OBMA and ODT Core unification.

Table 1-1   Function ID - Description

Function ID	Description
CFDFLTRI	Floating Rate Input
CFDRFRRT	RFR Rate Input
CYDCCYPR	Currency Pair Maintenance
CYDCDEFE	Currency Definition
CYDCRATY	Currency Rate Type Maintenance
CYDRATEE	Currency Exchange Rates Input
GLDCLSMT	MIS Class Maintenance
MIDGRPMT	MIS Group Maintenance
MSDMEDMT	Media Maintenance
SMDLNGCE	Language Code Maintenance
STDACCAD	Customer Account Structured Address
STDACGRP	Access Group Maintenance
STDAMTMN	Amount Text Maintenance
STDCCHOL	Currency Holiday Calendar Maintenance
STDCIFCR	External Customer Input
STDCNMNT	Country Code Maintenance

Table 1-1   (Cont.) Function ID - Description

Function ID	Description
STDCRACC	External Customer Account Input
STDCRAEG	Customer Account Entitlement Group Maintenance
STDCRBNK	Bank Core Parameters Maintenance
STDCRBRN	Branch Core Parameters Maintenance
STDCRCLN	External Consumer Loan Account Input
STDCRCOL	External Collateral Maintenance
STDCRFAC	External Facilities Maintenance
STDCRGLM	External Chart of Accounts
STDCRLIB	External Liability Maintenance
STDCRLIK	External liability linkage Maintenance
STDCRMCA	External Multi Currency Account Mapping
STDCRPOL	External Collateral Pools Maintenance
STDCRTRN	External Transaction Code Maintenance
STDCRVAM	External Virtual Account Input
STDCSCAG	Customer Category Maintenance
STDDATES	System Dates Maintenance
STDECAMT	External Credit Approval System
STDHSTCD	Host Code
STDLOCHL	Local Holiday Calendar Maintenance

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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 14.8.1.0.0 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	14.1.2.0.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 17.0.14
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.26.0. 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/ techn ologies/ browserpolicy. html	Client Machine	Mozilla Firefox	132+
			Client Machine	Google Chrome	131+
			Client Machine	Microsoft Edge	131+
			Client Machine	Safari	17+
Oracle Banking Treasury Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0. 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	14.1.2.0. 0
	EJB (incoming)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0. 0
	MDB (incoming)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0. 0
	Notifications (outgoing)		Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0. 0

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Third Party Software Details

For details on the third party software used, see Oracle Banking Treasury Management 14.8.1.0.0 Licensing Guide available in the OHC Documentation Library.