

# Oracle® Banking Treasury Management

## Oracle Banking Treasury Management- ELCM Integration



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# Preface

This document helps you acquaint with the information on inter-connecting Oracle Banking Treasury Management (OBTR) with Enterprise Limits and Collateral Management (ELCM).

This preface contains the following topics:

- [Audience](#)
- [List of Topics](#)
- [Acronyms and Abbreviations](#)
- [Symbols and Icons](#)
- [Related Resources](#)

## Audience

This manual is for the following audience:

- Back office data entry Clerks
- End of day operators
- Implementation Teams

## List of Topics

This guide is organized as follows:

**Table 1 List of Topics**

Topics	Description
OBTR- ELCM Integration	Explains the integration between Oracle Banking Treasury Management and Enterprise Limits and Collateral Management.
Annexure	Provides the details of supported and unsupported functionality of ELCM

## Acronyms and Abbreviations





The acronyms and abbreviations are listed in this below table:

**Table 2 Acronyms and Abbreviations**

Acronyms or Abbreviations	Description
ASync	Asynchronous
ELCM	Enterprise Limits and Collateral Management
OBTR	Oracle Banking Treasury Management
Sync	Synchronous
System	Unless and otherwise specified, it always refers to Oracle Banking Treasury Management
XML	Extensible Markup Language

## Symbols and Icons

**Table 3 Symbols**

Icons	Function
	Exit
	Add row
	Delete row
	Option List

**Note:**

The images used in the documentation are of illustration purpose and need to be used only for reference.

## Related Resources

For more information, see these Oracle resources:

- Oracle Banking Treasury Management Installation Manuals
- Common Core - Core Entities and Services User Guide

# 1

## OBTR- ELCM Integration

Banks extend various credit facilities like limits to its customers depending on their requirements.

This chapter contains the following sections:

- [OBTR Installation Modes](#)  
The OBTR installation modes are explained in this topic.
- [Prerequisites](#)  
This Prerequisites topic explains the parameters to be maintained for the standalone mode for ELCM integration.
- [Integration Process](#)  
This topic describes the installation modes and processing of integration maintenance.

### 1.1 OBTR Installation Modes

The OBTR installation modes are explained in this topic.

- OBTR with No External Limits- For this installation mode limit support is within OBTR through local facility and local collateral
- OBTR with External Limits- The integration supports the following modes of OBTR- Limits installation:
  - Standalone Limits system with OBTR- SYNC Method
  - Standalone Limits system with OBTR- ASYNC Method
  - Componentized limits installation - SYNC Method
  - Componentized limits installation - ASYNC Method

**Table 1-1 Installation Mode Details**

Details	Standalone SYNC (1)	Standalone ASYNC(2)	Co- deployed SYNC (3)	Co- deployed ASYNC (4)
Data Storage	Different DB	Different DB	Same DB	Same DB
Deployment	Different App.	Different App.	Same App.	Same App.
Mode Inter- face	Web Services	Web Services	Web Services	Web Services
Limit Response Handling	Online	Deferred	Online	Deferred

### 1.2 Prerequisites

This Prerequisites topic explains the parameters to be maintained for the standalone mode for ELCM integration.

**Table 1-2 CSTB\_PARAM**

Parameter	Value
OBTR_EL_COMM_MODE	S
OBTR_EXTERNAL_ACC_CHK_REQ	Y
ELCM_SETUP_MODE	S

This topic has the following sub-topics:

- [Prerequisites in Oracle Banking Treasury Management](#)  
This topic explains the Treasury External Service Maintenance as a prerequisites in Oracle Banking Treasury Management for integration.
- [Prerequisites in Oracle Banking Enterprise Limits and Collateral Management](#)  
This topic explains the Upload Source maintenance (CODSORCE) as a prerequisites in Oracle Banking Treasury Management and Oracle Banking Enterprise Limits and Collateral Management for integration.

## 1.2.1 Prerequisites in Oracle Banking Treasury Management

This topic explains the Treasury External Service Maintenance as a prerequisites in Oracle Banking Treasury Management for integration.

1. Maintain the following details in **Treasury External Service Maintenance (IFDTRXSE)** screen:

**Table 1-3 Treasury External Service Maintenance- Field Description**

Field	Description
<b>External System</b>	Specify the Source code of external system as ELCM.
<b>External User</b>	Specify the External User. This user should be present in both OBTR and ELCM.
<b>Type</b>	Specify the type as SOAP Request.
<b>Service Name</b>	Specify the service name as ELUtilizationService.
<b>WS Endpoint URL</b>	Specify the Related service name.

2. Facility details are fetched from ELCM and displayed in OBTR through External LOV, and the External LOV is applicable to Web-logic application. To fetch the details from ELCM, user has to maintain an active record in Integration Parameter Maintenance screen (IFDINPRM) with following details:

**Table 1-4 Treasury External Service Maintenance- Field Description**

Field	Description
<b>Branch Code</b>	Specify the Branch Code. The branch should be present in OBTR and ELCM.
<b>External System</b>	Specify the External User. This user should be present in both OBTR and ELCM.

**Table 1-4 (Cont.) Treasury External Service Maintenance- Field Description**

Field	Description
<b>External User</b>	User to be provided the below access: <ul style="list-style-type: none"> <li>The user should have access for OBTR and ELCM</li> <li>The user should also have branch access for both OBTR and ELCM</li> </ul>
<b>Service Name</b>	Specify the service name as ExtLovService.
<b>Communication Channel</b>	Specify the Communication Channel as REST.
<b>Communication Mode</b>	Specify the Communication Mode as SYNCHRONOUS.
<b>Communication Layer</b>	Specify the Communication Layer as Application.
<b>Rest Service IP and Port</b>	Specify the ELCM Application IP and Port.
<b>Rest Service Pattern</b>	Specify the Rest Service Pattern as LovService.
<b>Rest Service Context</b>	Specify the Rest Service Context as FCJNeoWeb.

## 1.2.2 Prerequisites in Oracle Banking Enterprise Limits and Collateral Management

This topic explains the Upload Source maintenance (CODSORCE) as a prerequisites in Oracle Banking Treasury Management and Oracle Banking Enterprise Limits and Collateral Management for integration.

1. Maintain the following details in **Upload Source maintenance (CODSORCE)** screen:

**Table 1-5 Upload Source maintenance- Field Description**

Field	Description
<b>Source Code</b>	Specify the Source code of external system as OBTR.

2. You have to maintain the following details in **Upload Source Preference maintenance (IFDTRXSE)** screen:

**Table 1-6 Upload Source Preference Maintenance- Field Description**

Field	Description
<b>Source</b>	Specify the Source code of external system as OBTR.
<b>Module Code</b>	Specify Treasury Module Codes.
<b>On Error</b>	Select either Reject or Blank from the drop-down list. The system perform an action based on the selected value.
<b>On Override</b>	Ignore.
<b>Status</b>	Select the Authorized value from the drop-down list for the OBTR.

3. You have to maintain the following details in **Product Maintenance (GEDPROD)** screen.



**Table 1-7 Product Maintenance- Field Description**

Field	Description
<b>Module</b>	Specify the Treasury Modules.
<b>Product Code</b>	Specify the Product code for maintaining the restriction in the Facility screen.
<b>Product Type</b>	Specify the product type.

4. You have to maintain the following details in **External System maintenance (GEDEXMNT)** screen.

**Table 1-8 External System Maintenance- Field Description**

Field	Description
<b>External System Code</b>	Specify the source code of an external system as OBTR.
<b>External System</b>	Specify the External System as FCUBS.
<b>Module</b>	Specify this field as OVD.
<b>WSDL Link</b>	Provide OBTR WSDL URL in this field.

5. You have to maintain the following details in **External System maintenance (GWDETFUN)** screen.

**Table 1-9 External System Maintenance- Field Description**

Field	Description
<b>External System</b>	Specify the source code of external system as OBTR.
<b>Function</b>	Maintain the related service and operation code for OBTR.

## 1.3 Integration Process

This topic describes the installation modes and processing of integration maintenance.

This topic contains the following sub- topics:

- [Installation Modes](#)  
This topic explains the Installation modes for OBTR and ELCM integration.
- [Integration Maintenance and Processing](#)  
This topic explains the maintenance and processing of Integration.

### 1.3.1 Installation Modes

This topic explains the Installation modes for OBTR and ELCM integration.

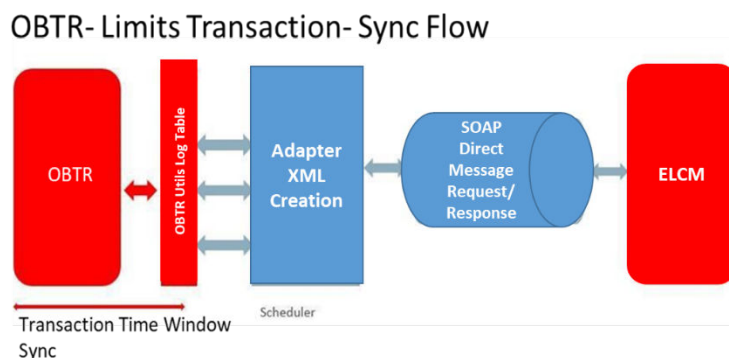
ELCM Request Initiation from OBTR:

During transaction booking at OBTR with limits, OBTR will initiate a utilization request to ELCM and waits for the response to be processed at OBTR synchronously. After a transaction is booked at OBTR for the subsequent set of operations OBTR decides on sending the request synchronously or asynchronously based on the parameter maintenance.

OBTR creates the limit request during the online transaction and sends it to the external limit system.

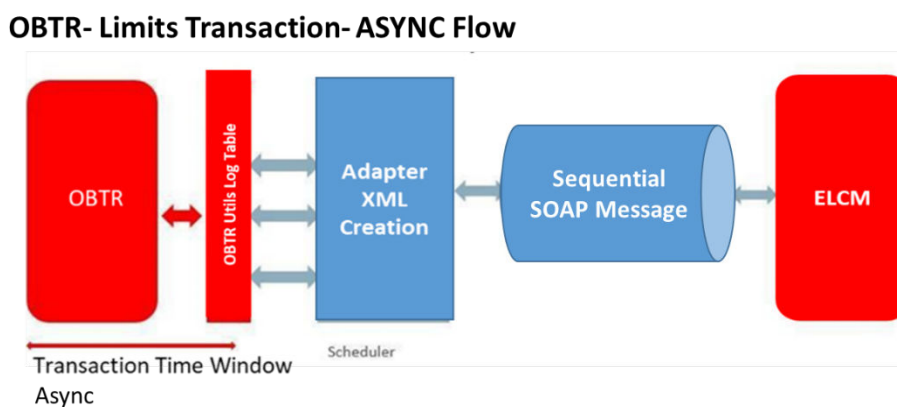
- The response received from the external limit system along with the override and errors are displayed to the user during the transaction
- The user can approve the limits overrides and proceed with the transactions from OBTR

**Figure 1-1 OBTR- Limits Transaction- Sync Flow**



During EOD, ELCM request is processed in the SYNC mode for the modules: MM, DV, OT, SE, SR, and FX. The rest of the modules are processed in the ASYNC mode using the scheduler job- TREXT\_ASYNC CALL.

**Figure 1-2 OBTR- Limits Transaction- Async Flow**



## 1.3.2 Integration Maintenance and Processing

This topic explains the maintenance and processing of Integration.

If OBTR is installed with external limits, then:

- Replicate the following limit details from the external system to OBTR:

- Liability details
- Liability Customer Linkage
- Facility details
- You can also link global limits as applicable based on the data replicated from the external system.

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