

# Oracle Banking Trade Finance

## Oracle Banking Trade Finance - Enterprise Limits and Collateral Management Integration



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## Glossary

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# Preface

- [Purpose](#)  
This document helps you acquaint with the information on inter-connecting Oracle Banking Trade Finance with Enterprise Limits and Collateral Management (ELCM).
- [Audience](#)  
This manual is intended for the following User/User Roles:
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Organization](#)  
This topic is organized into following topics:
- [Conventions](#)
- [Related Information Sources](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Glossary of Icons](#)  
This User Manual may refer to all or some of the following icons:

## Purpose

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

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in OBTF. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

## Audience

This manual is intended for the following User/User Roles:

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
End of day operators	Processing during end of day
Implementation Teams	For setting up integration

## Documentation Accessibility

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## Organization

This topic is organized into following topics:

Topic	Description
<b>Preface</b>	This topic gives information on the intended audience. It also lists the various topics covered in this User Manual.
<b>Oracle OBTF - ELCM Integration</b>	This topic explains the interface between Oracle Banking Trade Finance and Blockchain Adapter.
<b>Annexure</b>	This topic provides the details of supported and unsupported functionalities of OBTF and ELCM.
<b>Function ID Glossary</b>	This topic has alphabetical listing of Function/ Screen ID's used in the module with page references for quick navigation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Related Information Sources

Along with this user manual you may also refer the following related resource:

- Oracle Banking Trade Finance Installation Manual
- Common Core - Core Entities and Services User Guide
- Core Services User Guide

## Screenshot Disclaimer





Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Acronyms and Abbreviations

Abbreviation	Description
ASync	Asynchronous
ELCM	Enterprise Limits and Collateral Management
OBTF	Oracle Banking Trade Finance
Sync	Synchronous
XML	Extensible Markup Language

## Glossary of Icons

This User Manual may refer to all or some of the following icons:

Icons	Function
	Exit
	Add row
	Delete row
	Option List

# 1

## Oracle OBTF - ELCM Integration

Banks extend various credit facilities like limits to its customers depending on their requirements. Based on the bank's business model and their target customers they have one of the following scenarios:

- Banks extending basic credit facilities to customers like overdraft or small loans who will prefer to manage the limits within the core banking system (Standalone OBTF installation).
- Banks dealing with corporates who require trade finance and treasury that requires limit to be routed through dedicated system to manage the collateral and limit details.
- [Scope](#)
- [Prerequisites](#)  
Set up Oracle Banking Trade Finance Application. ELCM user will have read-only access to this application. The access is provided only to particular extraction tables.
- [Integration Process](#)

### 1.1 Scope

This topic contains the following sub-topic:

- [OBTF Installation Modes](#)  
The integration supports Standalone Limits system with OBTF - SYNC Method.

#### 1.1.1 OBTF Installation Modes

The integration supports Standalone Limits system with OBTF - SYNC Method.

**Table 1-1 Standalone Limits system with OBTF - SYNC Method**

Details	Standalone
Data Storage	Different DB
Deployment	Different App
Mode Interface	Web Services
Limit Response Handling	Online

### 1.2 Prerequisites

Set up Oracle Banking Trade Finance Application. ELCM user will have read-only access to this application. The access is provided only to particular extraction tables.

The parameter 'OBTF\_EL\_COMM\_MODE ' and 'ELCM\_SET\_MODE' in CSTB\_PARAM should be 'S' for standalone.

The parameter 'OBTF\_EL\_COMM\_MODE ' should be 'S' and 'ELCM\_SET\_MODE' should be 'C' in CSTB\_PARAM for co-deployed.

This topic contains the following sub-topics:

- [Prerequisites in Oracle Banking Trade Finance](#)
- [Prerequisites in Enterprise Limits and Collateral Management](#)

## 1.2.1 Prerequisites in Oracle Banking Trade Finance

The prerequisites in OBTF for this integration are as follows:

- You have to maintain OBRH\_URL param in CSTB\_PARAM for communication type / Channel OBRH.
- You have to maintain the following details in 'Trade finance external service maintenance (IFDTFXSE)' screen:

**Table 1-2 Trade finance external service maintenance**

Field	Description
<b>External System</b>	Source code of external system For example: 'ELCM'
<b>External User</b>	User to be provided, this user should be present in OBTF and ELCM
<b>Type</b>	Request Type should be selected. SOAPRequest – For External System type 'Default' REST Request - For External System type 'OBRH'
<b>Service Name</b>	ELUtilizationService
<b>WS Endpoint URL</b>	Related service name to be provided
<b>External System Type</b>	External System type should be selected. Default – Direct integration with FCUBS OBRH – Integration of DDA system via OBRH
<b>Header Profile</b>	Header Profile for the OBRH should be selected. Header profile can be maintained in the screen (MSDHPROF - HTTP Header Parameters)

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

**Table 1-3 Integration Parameter Maintenance**

Field	Description
<b>Branch Code</b>	Branch Code to be provided, branch should be present in OBTF and ELCM.
<b>External System</b>	Should be source code of external system e.g.: 'ELCM'.
<b>External User</b>	User to be provided, this user should be present in OBTF and ELCM.
<b>Entity ID</b>	Entity ID to be provided, this external id should be present in external system.
<b>External Branch Code</b>	Branch code to be provided, this branch code should be present in external system.
<b>Service Name</b>	ExtLovService
<b>Communication Channel</b>	Select the communication Channel for integration. REST – Default Communication channel for ExternalLovService OBRH – Communication channel for all services when integrated via OBRH



**Table 1-3 (Cont.) Integration Parameter Maintenance**

Field	Description
<b>Communication Mode</b>	SYNCHRONOUS
<b>Communication Layer</b>	Application
<b>Rest Service IP and Port</b>	Should be 'ELCM' Application IP and Port.
<b>Rest Service Pattern</b>	LovService
<b>Rest Service Context</b>	FCJNeoWeb
<b>Header Profile</b>	Header Profile for the OBRH should be selected. Header profile can be maintained in the screen (MSDHPROF - HTTP Header Parameters)

## 1.2.2 Prerequisites in Enterprise Limits and Collateral Management

The prerequisites in OBTF for this integration are as follows:

- You have to maintain the following details in 'Upload Source maintenance' (**CODSORCE**) screen:

**Table 1-4 Upload Source maintenance**

Field	Description
<b>Source Code</b>	Source code of external system e.g.: 'OBTF'

- You have to maintain the following details in 'Upload Source Preference maintenance' (**CODUPLDM**) screen:

**Table 1-5 Upload Source Preference maintenance**

Field	Description
<b>Source Code</b>	Source code of external system e.g.: 'OBTF'
<b>Module Code</b>	BC/LC
<b>On Error</b>	Related module to be maintained for source 'OBTF'
<b>On Override</b>	Ignore
<b>Status</b>	Authorized

- You have to maintain the following details in 'Product Maintenance' (**GEDPROD**) screen:

**Table 1-6 Product Maintenance**

Field	Description
<b>Module</b>	BC/LC
<b>Product Code</b>	Provide the product code for which contract needs to be created.
<b>Product Type</b>	Input the product whether Import/Export

- You have to maintain the following details in 'External System maintenance' (**GEDEXMNT**) screen:

**Table 1-7 External System maintenance**

Field	Description
<b>External System Code</b>	Source code of external system e.g.: 'OBTF'
<b>External System</b>	External System is 'FCUBS'
<b>Module</b>	OVD
<b>WSDL Link</b>	OBTF WSDL URL to be provided

- You have to maintain the following details in 'External System maintenance' (**GWDETFUN**) screen:

**Table 1-8 External System maintenance**

Field	Description
<b>External System</b>	Should be source code of external system e.g.: 'OBTF'
<b>Function</b>	Related service and operation code to be maintained for OBTF

## 1.3 Integration Process

This topic contains the following sub-topics:

- [Installation Modes](#)
- [Integration Processing](#)

### 1.3.1 Installation Modes

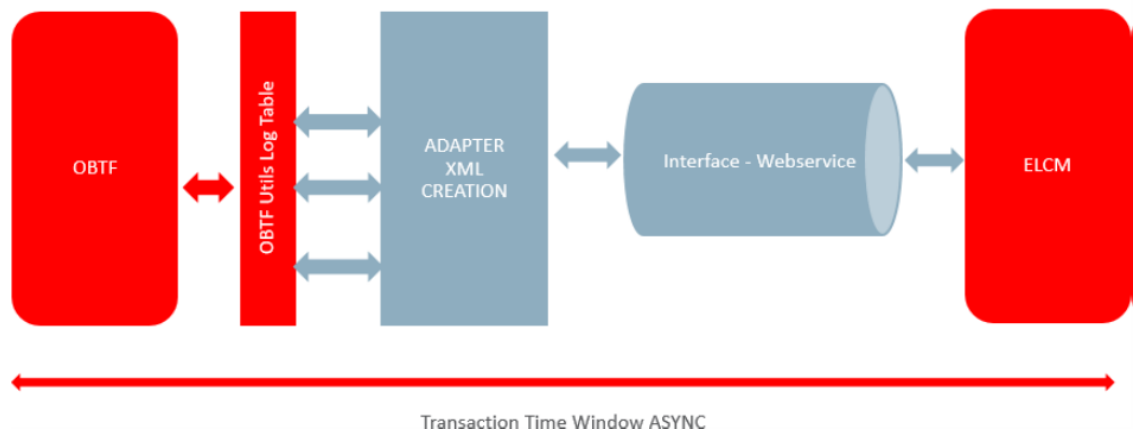
ELCM Request Initiation from OBTF:

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

OBTF creates the limit request during the transaction and sends it to the external limit system:

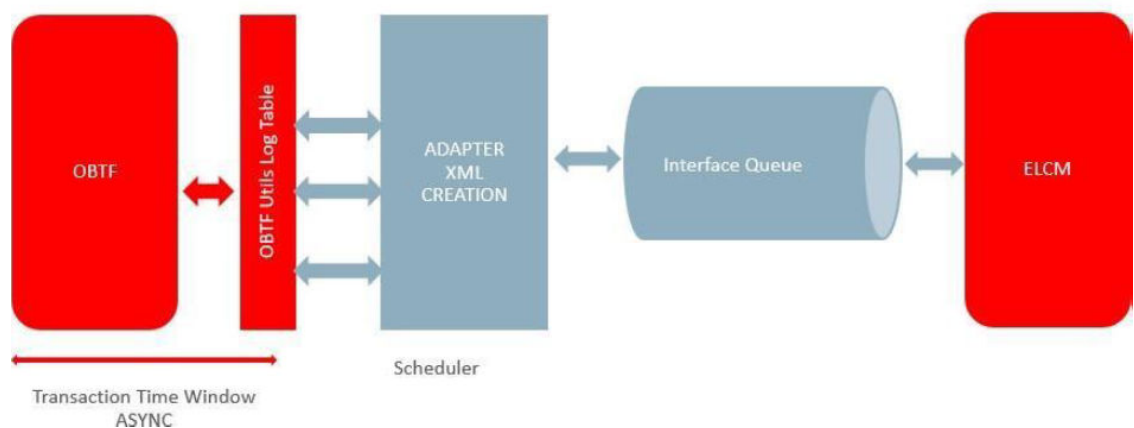
- The response received from the external limit system along with the overrides and errors are displayed to the user during the transaction.
- The user can approve the limits overrides and proceed with the transactions from OBTF.

## OBTF-Limits-Transaction- SYNC Flow



During EOD, ELCM request will be processed in ASYNC mode using scheduler 'OBTF\_EXT\_ASYNCCALL'

## OBTF-Limits-Transaction- ASYNC Flow



### 1.3.2 Integration Processing

If OBTF is installed with external limits, then:

- Following limit details are replicated from external system to OBTF:
  - Facility details
  - Liability details
- You can also link global limits as applicable based on the data replicated from external system.
- In case of Batch operation OBTF posts the utilization to external limits as Force Post.
- LC/BC/Guarantee contracts can be replicated to external system from OBTF through 'OBTFMLService'.
  - In ELCM system BC/LC/Guarantee contract can be linked as collateral.

- OBTF restricts Cancel/Close/Reverse of Bill/LC which is linked as a collateral at the external system.
- OBTF restricts operations impacting Bill/LC outstanding amount when the outstanding amount goes below the contribution amount.
- OBTF system can release the Earmarking done by an External system through the utilization request sent from OBTF to external limits.
  - Enable the flag “Release ELCM Earmarking” at Trade Finance Bank Preference Maintenance.
  - OBTF system captures the earmarking details from the external system through the service – OBTFIFService and Operation – CreateLmtEARDtls.
  - OBTF posts the utilization request to external limits with Block reference number to release the earmarking.

Along with this user manual, you may also refer the following related resource for detailed Parties Limit flow:

- Bills and Collections User Guide - Section '**Limit**'
- Islamic Bills and Collections User Guide - Section '**Limit**'
- Letters of Credit User Guide- Section '**Parties Limits**'
- Islamic Letters of Credit User Guide - Section '**Parties Limits**'

# 2

## Annexure

- [List of Integration Features](#)

### 2.1 List of Integration Features

For details on features that are supported and unsupported in OBTF and ELCM, refer the table below

**Table 2-1 List of Integration Features**

S No.	Functional Area/ Entity	Feature	Support in OBTF (No ELCM)	OBTF Remarks	Support with ELCM	ELCM Remarks
1	Global Facility	Facility linkage	No	NA	Yes	NA
2	Global Facility	Liability level balance update	No	NA	Yes	NA

# Glossary

## **CODSORCE**

Upload Source maintenance - [Prerequisites in Enterprise Limits and Collateral Management](#)

## **CODUPLDM**

Upload Source Preference maintenance - [Prerequisites in Enterprise Limits and Collateral Management](#)

## **GEDEXMNT**

External System maintenance - [Prerequisites in Enterprise Limits and Collateral Management](#)

## **GEDPROD**

Product Maintenance - [Prerequisites in Enterprise Limits and Collateral Management](#)

## **GWDETFUN**

External System maintenance - [Prerequisites in Enterprise Limits and Collateral Management](#)

## **IFDINPRM**

Integration Parameter Maintenance - [Prerequisites in Oracle Banking Trade Finance](#)

## **IFDTFXSE**

Trade finance external service maintenance - [Prerequisites in Oracle Banking Trade Finance](#)