

OBCL - ELCM Integration Guide  
**Oracle Banking Corporate Lending**  
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Oracle FLEXCUBE OBCL - ELCM Integration User Guide  
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# 1. Preface

## 1.1 Introduction

This document helps you acquaint with the information on inter-connecting Oracle Banking Corporate Lending (OBCL) 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 OBCL. 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.

## 1.2 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

## 1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.4 Organization

This chapter is organized into following chapters:





Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>OBCL - ELCM Integration</i> explains the integration between OBCL and Enterprise Limits and Collateral Management.

## 1.5 Acronyms and Abbreviations

Abbreviation	Description
OBCL	Oracle Banking Corporate Lending
FCUBS	Oracle FLEXCUBE Universal Banking System
ELCM	Enterprise Limits and Collateral Management
SYNC	Synchronous
ASYNC	Asynchronous
XML	Extensible Markup Language

## 1.6 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

## 1.7 Related Information Sources

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

- Installation Manual
- Common Core - Core Entities and Services User Guide
- Core Services User Guide

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## 2. OBCL - ELCM Integration

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

This chapter contains the following sections:

- [Section 2.1, "Scope"](#)
- [Section 2.2, "Prerequisites"](#)
- [Section 2.3, "Integration Process"](#)

### 2.1 Scope

This section contains the following topic:

- [Section 2.1.1, "OBCL Installation Modes"](#)

#### 2.1.1 OBCL Installation Modes

This document talks about OBCL installation mode. They are:

- OBCL with External Limits - The integration supports the following modes of OBCL - Limits installation:
  - Standalone Limits system with OBCL - SYNC Method
  - Standalone Limits system with OBCL - ASYNC Method
  - Co-Deployed limits installation - SYNC Method
  - Co-Deployed limits installation - ASYNC Method
  - Embedded Limit Installation with OBCL

Details	Standalone		Co-Deployed		Embedded (5)
	SYNC (1)	ASYNC (2)	SYNC (3)	ASYNC (4)	
Data Storage	Different DB	Different DB	Same DB	Same DB	Same DB
Deployment	Different App.	Different App.	Same App.	Same App.	Same App.
Mode Interface	Web Services	Web Services	Web Services	Web Services	JDBC/ POJO
Limit Response Handling	Online	Deferred	Online	Deferred	Online

### 2.2 Prerequisites

Set up Oracle Banking Corporate Lending. ELCM user have read-only access to this application. The access is provided only to particular extraction tables.

*Refer the 'Oracle FLEXCUBE Installation' manual.*

## 2.3 Integration Process

This section contains the following topics:

- [Section 2.3.1, "Installation Modes"](#)
- [Section 2.3.2, "Integration Maintenance and Processing"](#)

### 2.3.1 Installation Modes

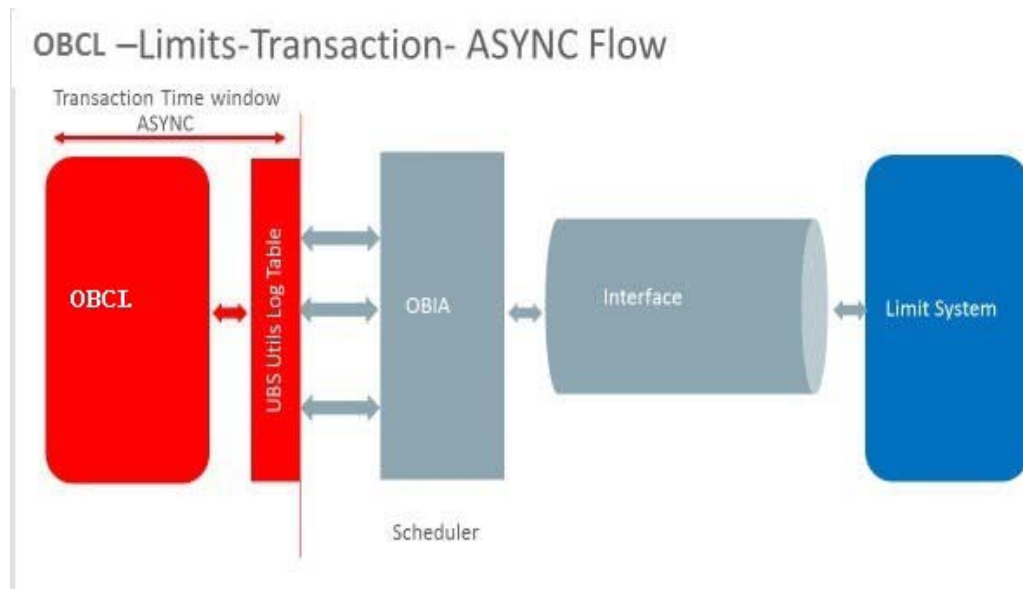
The following installation modes are described in the upcoming sections:

- ASYNC Installation for Standalone and Co-Deployed
- SYNC Installation for Standalone and Co-Deployed
- Embedded Limit Installation with OBCL

#### 2.3.1.1 ASYNC Installation (Standalone and Co-Deployed)

If the mode of limits installation is selected as ASYNC (Standalone/Co-Deployed), the limits requests are logged with Limits Pending Status in OBCL Limits Queue. These pending limits requests are picked by a job to form the webservices XML requests. The status of the limit request is updated in OBCL based on the external limits response. The status can be Approved, Rejected or Timed-out. OBCL authorizes the transactions that are in Approved status.

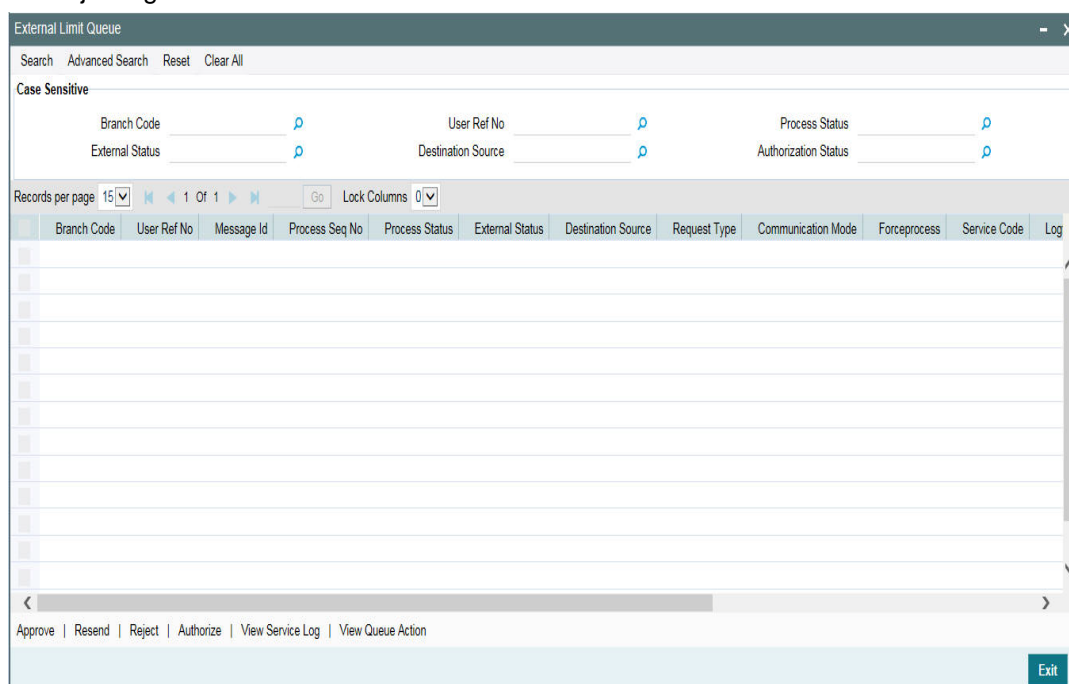
#### ASYNC Installation Architecture



#### Limit Processing Queue

You can query and perform manual actions on external limit requests using Limit Processing Queue screen. This screen supports user action only on timed out requests. You can invoke

this screen by typing 'OLSEXLMT' in the top right corner of the Application toolbar and clicking the adjoining arrow button.



You can view records based on any or all of the following criteria:

- Branch Code
- Process Status
- Authorization Status
- Transaction Ref No
- External Status
- Customer No
- Destination Source

Select any or all of the parameters for a query and click 'Search' button. The records meeting the selected criteria are displayed.

External Limit Queue supports user actions only on a timed out request. A limit request is moved to 'Timed-out' status based on the time out parameter maintained. If response is not received from the external system within the given time, the status is marked as timed out. The following actions are allowed on a timed out requests:

- Approve - Manual approval of external limits
- Reject - Manual rejection of external limits
- Authorize - Authorization of external limits approval or reject done from queue
- Resend - Resend of timed-out request

### 2.3.1.2 **SYNC Installation (Standalone and Co-Deployed)**

If the mode of limits installation is selected as SYNC (Standalone/Co-Deployed):

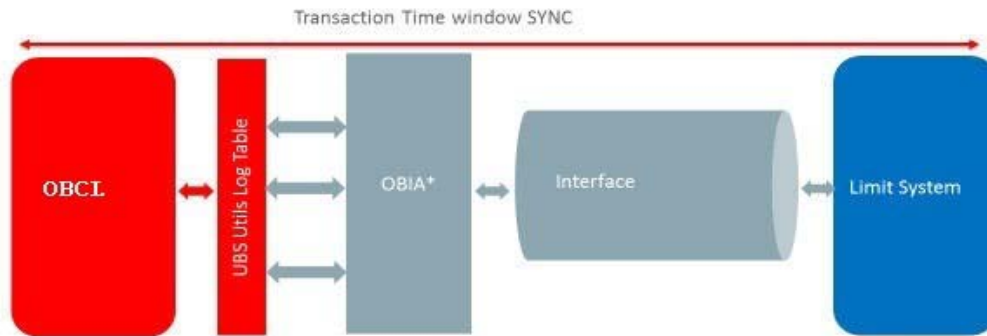
- The limit transactions are processed in the transaction time window
- OBCL creates the limit request during the transaction and sends it to the external limit system



- 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 OBCL

## **SYNC Installation Architecture**

### OBCL –Limits-Transaction- SYNC Flow



\* Oracle Banking Interface Adaptor

#### **2.3.1.3 Embedded Limit Installation with OBCL**

If mode of installation is selected as embedded limits installation, then OBCL and ELCM are installed as embedded system. All the limit utilization is processed online and the response is provided to the user in the transaction window.

### **2.3.2 Integration Maintenance and Processing**

#### **2.3.2.1 Installation Parameters**

You can select the required external limit setup mode and communication mode during installation.

#### **Limit Setup Mode (ELCM SETUP MODE)**

The following parameters can be used for limit setup mode:

- N - Should be used for No External Limit setup (default)
- S - Standalone OBCL - Limits setup/ Co-Deployed Limits setup
- E - Embedded OBCL Limit setup

#### **External Limit Interface Mode (OBCL\_EL\_COMM\_MODE)**

The following parameters can be used for external limit interface mode:

- A - Asynchronous
- S - Synchronous

This is applicable for Standalone OBCL - Limits setup/ Co-Deployed Limits setup.

#### **2.3.2.2 OBCL with External Limits Installation**

If OBCL is installed with external limits, then:

- Following limit details are replicated from external system to OBCL:

- Liability details
- Customer liability linkage
- Facility details
- Collateral details
- Collateral pool details
- Linkage is done at module level
- Batch operations also gets processed similar to online processing

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## 3. Function ID Glossary

### O

OLSEXLMT .....2-3