

Oracle FLEXCUBE UBS - OBTR Integration User Guide

## **Oracle FLEXCUBE Universal Banking**

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# 1. Preface

This topic explains about the information about this manual.

## 1.1 About This Manual

This manual is designed to help with Integration for Oracle Banking Treasury with Oracle FLEXCUBE Universal Banking.

## 1.2 Audience

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

| Role                      | Function                                     |
|---------------------------|----------------------------------------------|
| Implementation & IT Staff | Implementation & Maintenance of the Software |

## 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/look up?ctx=acc&id=docacc>

## 1.4 Organization

This manual is organized into the following chapters:

| Chapter   | Description                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------|
| Chapter 1 | Information about this Manual is specified in this section                                                                          |
| Chapter 2 | This chapter helps you the integration of Oracle FLEXCUBE Universal Banking & Oracle Banking Treasury product in a single instance. |

## 2. Integration Guide

This topic explains the functions and features of an Integration guide.

### Introduction

You can integrate the Oracle Banking Treasury product (OBTR) with the Oracle FLEXCUBE Universal Banking product (FCUBS). The specific steps needed for the integration of these two products and specific maintenances needed are briefed on this document.

### Maintenance for Gateway:

#### **GWDETFUN - Gateway External system function maintenance**



Ensure the Gateway setup for the following services is maintained in OBTR for external source system as EXTSYS:

| Service Name          | Operation Code           |
|-----------------------|--------------------------|
| OBTRFXService         | QueryContractListDtl     |
| OBTRDVService         | SummaryQueryDVContract   |
| OBTRETDService        | SummaryQueryETDPortfolio |
| OBTRIDService         | SummaryQueryIDContract   |
| OBTRMCService         | SummaryQueryMCIContract  |
| OBTRMMService         | SummaryQueryMMContract   |
| OBTROTSservice        | SummaryQueryOTContract   |
| OBTRSecuritiesService | SummaryQuerySEPortfolio  |

Source: FCUBS and User: SYSTEM

#### **CODUPLDM - Upload Source Preferences maintenance**



Ensure Upload Source preference setup for following modules are maintained in OBTR for external source system as FCUBS:

| Module | Post Upload Status |
|--------|--------------------|
| IF     | Authorized         |

## 2.1 Maintenances to be done in FCUBS

This section describes the specific maintenances, needed in Oracle FLEXCUBE Universal Banking (FCUBS) to integrate the same with Oracle Banking Treasury (OBTR).

### 2.1.1 External Service Maintenance (OBTR)

Maintain an active record in the External Service Maintenance screen (IFDEXSER) with field external system as "OBTR" for different service codes with all required fields in the detailed section of this screen.

**Customer 360 (STDCUSVW) screen – To display Treasury data, please do the below maintenance.**

- For FX Service - maintain the service name as 'OBTRFXService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRFXService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryIDContract
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For DV Service - maintain the service name as 'OBTRDVService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRDVService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryDVContract
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For ETD Service - maintain the service name as 'OBTRETDService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRETDService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryETDPortfolio
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For ID Service - maintain the service name as 'OBTRIDService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRIDService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryIDContract
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For MC Service - maintain the service name as 'OBTRMCService' with the below Service details:

- External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
- Service Name – Specify the service name (OBTRMCService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
- Operation Code – SummaryQueryMCContract
- External User Option - Provide the User to be used in Gateway request.
- WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For MM Service - maintain the service name as 'OBTRMMService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRMMService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryMMContract
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For OT Service - maintain the service name as 'OBTROTSERVICE' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTROTSERVICE). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQueryOTContract
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.
- For SE Service - maintain the service name as 'OBTRSecuritiesService' with the below Service details:
  - External System - Specify the external system, alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.
  - Service Name – Specify the service name (OBTRSecuritiesService). Alternatively, you can select the service name from the option list. The list displays all valid service names maintained in the system. This also displays the external system service details which are pre-shipped as INC.
  - Operation Code – SummaryQuerySEPortfolio
  - External User Option - Provide the User to be used in Gateway request.
  - WS Endpoint URL - Provide the WDSL URL of OBTR Service.

**Figure 2.1: External Service Maintenance**

External Service Maintenance

New

Delete

Unlock

Authorize

Enter Query

External System \* OBTR

External User \* ENGUSER1

Description Treasury

1 Of 1

Go

| <input type="checkbox"/>            | Type         | Service Name   | WS Endpoint URL                                              | Rest Service Context | Rest Service IP | Rest |
|-------------------------------------|--------------|----------------|--------------------------------------------------------------|----------------------|-----------------|------|
| <input checked="" type="checkbox"/> | SOAP request | OBTRDVService  | http://10.40.81.168:7026/OBTRDVService/OBTRDVService?WSDL    |                      |                 |      |
| <input type="checkbox"/>            | SOAP request | OBTRETDService | http://10.40.81.168:7026/OBTRETDService/OBTR ETDSERVICE?wsdl |                      |                 |      |
| <input type="checkbox"/>            | SOAP request | OBTRFXService  | http://10.40.81.168:7026/OBTRFXService/OBTRFXService?wsdl    |                      |                 |      |

Maker

Checker MANOJ2

Date Time: undefined

Date Time: 2020-03-26 18:04:27

Mod No

Record Status

Authorization Status

OK

Exit

## 2.2 OBTR Maintenances

This topic describes the systematic instruction to maintain Oracle Banking Treasury (OBTR).



## 2.2.1 Upload Source Preference Maintenance

This topic describes the systematic instruction about the External Service Maintenance

PREREQUISITE:

Specify **User Id** and **Password**, and login to **Home screen**.

CONTEXT:

The maintenance required in Oracle Banking Treasury (OBTR) to integrate with Oracle FLEXCUBE Universal Banking (FCUBS) is described in this section.

1. On **Home screen**, specify **CODUPLDM** in the text box, and click next arrow.

STEP RESULT: **Upload Source Preferences Maintenance** screen is displayed.

**Figure 2.2: Upload Source Preference Maintenance Screen**

| Function Id Preferences |            |                                |                    |
|-------------------------|------------|--------------------------------|--------------------|
| Maker                   | PALANI_MK  | Date Time: 2020-03-16 11:42:52 | Mod No 1           |
| Checker                 | PALANI_CHK | Date Time: 2020-03-16 11:43:27 | Record Status Open |
|                         |            | Authorization                  | Authorized         |
|                         |            | Status                         | Status             |

## 2.3 External System Function Maintenance

1. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDEFUN**) in FCUBS, for the service names "OBTRFX-Service" and "SummaryQueryContract" with their respective operation codes. On **Home screen**, specify **GWDEFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.3: External System Functions Screen**

The screenshot shows a web application window titled "External System Functions". At the top, there are tabs for "New" and "Enter Query". Below the tabs, there are several input fields: "External System \*" (red text), "Function \*" (red text), "Action \*" (red text), "Service Name", and "Operation Code". To the right of these fields is a "Description" field with a dropdown menu showing "Bulk SMS Check". At the bottom of the window, there is a "Fields" section with a table containing the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Exit". The "Maker" column has a sub-label "Checker". The "Date Time:" column has a sub-label "Date Time:". The "Record Status" column has a sub-label "Authorization Status".

2. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRDV-Service" and "SummaryQueryDVContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.4: External System Functions Screen**

This screenshot is identical to the one in Figure 2.3, showing the "External System Functions" screen with the same input fields and layout.

3. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRETDService" and "SummaryQueryETDPortfolio" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.5: External System Functions Screen**

The screenshot shows a web application window titled "External System Functions". At the top, there are buttons for "New" and "Enter Query". Below these, there are several input fields: "External System \*" (with a red asterisk), "Function \*" (with a red asterisk), "Action \*" (with a red asterisk), "Service Name", and "Operation Code". To the right of these fields is a "Description" field, which contains the text "Bulk SMS Check". Below the input fields, there is a section labeled "Fields" which contains a table with the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". The "Maker" column has the value "Checker". The "Date Time:" column has the value "Date Time:". The "Mod No" column has the value "Mod No". The "Record Status" column has the value "Record Status". The "Authorization Status" column has the value "Authorization Status". There is an "Exit" button in the bottom right corner of the "Fields" section.

4. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRID-Service" and "SummaryQueryIDContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.6: External System Functions Screen**

This screenshot is identical to the one in Figure 2.5, showing the "External System Functions" screen with the same input fields, description, and fields section.

5. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRMCService" and "SummaryQueryMCIDContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.7: External System Functions Screen**

The screenshot shows a web application window titled "External System Functions". At the top, there are buttons for "New" and "Enter Query". Below these, there are several input fields: "External System \*" (with a red asterisk), "Function \*" (with a red asterisk), "Action \*" (with a red asterisk), "Service Name", and "Operation Code". To the right of these fields is a "Description" field containing the text "Bulk SMS Check". Below the input fields, there is a section labeled "Fields" which contains a table with the following columns: "Maker", "Date Time:", "Mod No", "Record Status", and "Authorization Status". The "Maker" column has the value "Checker". The "Date Time:" column has the value "Date Time:". The "Mod No" column has the value "Mod No". The "Record Status" column has the value "Record Status". The "Authorization Status" column has the value "Authorization Status". There is an "Exit" button in the bottom right corner of the "Fields" section.

6. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRMMService" and "SummaryQueryMMContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.8: External System Functions Screen**

This screenshot is identical to the one in Figure 2.7, showing the "External System Functions" screen with the same input fields and "Fields" section.

7. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTRO-TService" and "SummaryQueryOTContract" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.9: External System Functions Screen**

The screenshot shows a web application window titled "External System Functions". At the top, there are tabs for "New" and "Enter Query". Below the tabs, there are several input fields: "External System \*" (red text), "Function \*" (red text), "Action \*" (red text), "Service Name", and "Operation Code". To the right of these fields is a "Description" field with a text area containing "Bulk SMS Check". Below the input fields, there is a "Fields" section with a table of fields: "Maker", "Checker", "Date Time:", "Date Time:", "Mod No", "Record Status", and "Authorization Status". An "Exit" button is located at the bottom right of the "Fields" section.

| Maker | Checker | Date Time: | Date Time: | Mod No | Record Status | Authorization Status |
|-------|---------|------------|------------|--------|---------------|----------------------|
|       |         |            |            |        |               |                      |

8. Maintain the gateway preferences for the Source System which is maintained in the Source system field of External System Functions Maintenance screen (**GWDETFUN**) in FCUBS, for the service names "OBTR-SecuritiesService" and "SummaryQuerySEPortfolio" with their respective operation codes. On **Home screen**, specify **GWDETFUN** in the text box, and click next arrow.

STEP RESULT: **External System Functions** screen is displayed.

**Figure 2.10: External System Functions Screen**

This screenshot is identical to Figure 2.9, showing the "External System Functions" screen with the same input fields, description, and fields table.

| Maker | Checker | Date Time: | Date Time: | Mod No | Record Status | Authorization Status |
|-------|---------|------------|------------|--------|---------------|----------------------|
|       |         |            |            |        |               |                      |

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## 3. Glossary

**FCUBS**

[2. Integration Guide](#) (p. 2)

**OBTR**

[2. Integration Guide](#) (p. 2)

**CODUPLDM**

[2.2.1 Upload Source Preference Maintenance](#) (p. 6)

**GWDETFUN**

[2.3 External System Function Maintenance](#) (p. 6)