

# Oracle® Banking Treasury Management

## Oracle Banking Treasury Management- Oracle FLEXCUBE Integration User Guide



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# Preface

This manual is designed to help with Integration for a Co-deployed Set-up of Oracle Banking Treasury Management with Oracle FLEXCUBE Universal Banking.

This preface contains the following topics:

- [Audience](#)
- [List of Topics](#)
- [Acronyms and Abbreviations](#)
- [Symbols, Definitions and Abbreviations](#)
- [Conventions](#)

## Audience

This manual is intended for the Implementation Teams and IT Staff.

## List of Topics

This guide is organized as follows:

**Table 1 List of Topics**

Topics	Description
Treasury- FCUBS Integration	Explains the integration between Oracle Banking Treasury Management and Oracle FLEXCUBE Universal Banking.

## Acronyms and Abbreviations





The acronyms and abbreviations are listed in this below table:

**Table 2 Acronyms and Abbreviations**

Acronyms or Abbreviations	Description
EA	External Accounting
EAC	External Account Check
ECA	External Credit Approval
FCUBS	FLEXCUBE Universal Banking
OBTR	Oracle Banking Treasury Management

## Symbols, Definitions and Abbreviations

**Table 3 Symbols**

Icons	Function
	Exit
	Add row
	Delete row
	Option List

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

## 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 or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

# 1

## Treasury- FCUBS Integration

You can integrate Oracle Banking Treasury Management product (OBTR) with Oracle FLEXCUBE Universal Banking product (FCUBS).

To integrate these two products on co-deployed environment, you need to do specific maintenance in OBTR, FCUBS, and Common Core.

This topic has the following sub-topics:

- [FATCA Processing](#)  
This topic explains the processing of FATCA in Oracle Banking Treasury Management.
- [External Account processing](#)  
This topic explains the EAC interface, ECA, and EA interface.
- [Maintenance Required in OBTR](#)  
This topic describes the specific maintenance needed in Oracle Banking Treasury Management (OBTR) to integrate it with Oracle FLEXCUBE Universal Banking (FCUBS).
- [Maintenance Required in FCUBS](#)  
This topic explains the FATCA processing Maintenance, External System Maintenance, Upload Preference Maintenance, and External Service Maintenance required in FCUBS for integration with OBTR.

### 1.1 FATCA Processing

This topic explains the processing of FATCA in Oracle Banking Treasury Management.

For Oracle Banking Treasury Management modules, FATCA processing like Obligation and referral happen within the product. Decision on FATCA referral process happen inside the FCUBS.

### 1.2 External Account processing

This topic explains the EAC interface, ECA, and EA interface.

#### **EAC Interface**

External Account Check (EAC) interface been provided to validate Account of external System (FCUBS). Interface shall validate account while saving a contract/deal. It shall be a synchronous call.

#### **ECA Interface**

External Credit Approval (ECA) interface shall block amount from an account that is to be debited for accounting.

For online transactions, ECA Block shall happen post saving the record. A Job shall run and pick the record for ECA processing in External System (FCUBS) post which the ECA block check will happen during authorization.

During EOD, the system will force debit account without any ECA check.



**Note:**

ECA check is applicable only for FX auto liquidation batch during EOD. The system performs ECA check for debit transactions and in case of insufficient balance, the system logs the FX contract in exception table and go ahead with further EOD processing.

### EA Interface

External Accounting Interface been provided to do External Accounting for a contract/deal. EA will happen post authorization of contract/deal. It is an Asynchronous call. A Job shall run and pick the record for EA processing in External System (FCUBS).

## 1.3 Maintenance Required in OBTR

This topic describes the specific maintenance needed in Oracle Banking Treasury Management (OBTR) to integrate it with Oracle FLEXCUBE Universal Banking (FCUBS).

This topic has the following sub-topics:

- [Maintenance Required for FATCA processing](#)  
This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR).
- [Maintenance Required for External Accounting Interface](#)  
This topic provides the details on Day 0 maintenance to be done in OBTR.

### 1.3.1 Maintenance Required for FATCA processing

This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR).

FATCA should be enabled in OBTR only if it is enabled in FCUBS. FATCA Applicable check box in STDTRBNK will enable FATCA processing for OBTR.

This topic has the following sub-topics:

- [External System Functions Maintenance](#)  
The systematic instruction to maintain the External System Functions is described in this topic.
- [Upload Source Preference Maintenance](#)  
The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.
- [Treasury External Service Maintenance](#)  
The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

### 1.3.1.1 External System Functions Maintenance

The systematic instruction to maintain the External System Functions is described in this topic.

To maintain the External System Functions for the External system “ROFC” for the service name “OBTRCoreService” with operation code “CreateTRDTBLPO” to receive the customer FATCA related information from FCUBS.

1. On the Home page, enter **GWDETFUN** in the text box and then click the next arrow.  
The **External System Functions** page is displayed.

**Figure 1-1 External System Functions**

Field	Description
External System *	Specify the External System.
Function *	Specify the Function.
Action *	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

2. On the **External System Functions Maintenance** screen, specify the fields.  
For more information on the fields, refer to the below table.

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

Field	Description
External System	Specify the External System.
Function	Specify the Function.
Action	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

### 1.3.1.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.





**Note:**

All the fields with the asterisk (\*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.

The **Upload Source Preference Maintenance** screen is displayed.

**Figure 1-2 Upload Source Preference Maintenance**

2. On the **Upload Source Preference Maintenance** screen, specify the fields.

**Table 1-2 Upload Source Preference Maintenance- Field Description**

Field	Description
<b>Source Code</b>	Specify the Source Code.
<b>Module Code</b>	Specify the Module Code.
<b>On Error</b>	Select the On Error details from the drop-down list.
<b>On Override</b>	Select the On Override details from the drop- down list.
<b>Status</b>	Select the Status from the drop- down list.
<b>Purge Days</b>	Specify the Purge Days.

In the **Upload Source Preference Maintenance** screen (CODUPLDM), **Post Upload Status** field value must be selected as “Authorized”.

### 1.3.1.3 Treasury External Service Maintenance

The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

For the service name “FCUBSCoreService” with respective WS Endpoint URL, perform the Treasury External Service Maintenance for the External system “FCUBS” to send the FATCA obligation and FATCA referral information to FCUBS.

1. On the Home page, enter the **IFDTRXSE** in the text box and then click the next arrow.  
The **Treasury External Service Maintenance** screen is displayed.

**Figure 1-3 Treasury External Service Maintenance**

Treasury External Service Maintenance

New Enter Query

External System \* FCUBS Description FCUBS

External User \* ADMINUSER2

Maximum Retry Count 0

1 Of 1 Go

Type	Service Name	WS Endpoint URL	Rest Service Context	Rest Service IP	Rest Service Pattern
<input checked="" type="checkbox"/> SOAP request	FCUBSAccService	http://10.10.10.10:1001/			
<input type="checkbox"/> SOAP request	FCUBSCASService	http://10.10.10.10:1001/			
<input type="checkbox"/> SOAP request	FCUBSIFService	http://10.10.10.10:1001/			

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

Ok Cancel

2. On the **Treasury External Service Maintenance** screen, specify the fields.  
Below scheduler jobs is configured for the integration. Ensure the jobs are running.  
TTEXT\_ASYNCALL - Scheduler job is for transferring data to FCUBS

## 1.3.2 Maintenance Required for External Accounting Interface

This topic provides the details on Day 0 maintenance to be done in OBTR.

Refer to *Core Services User Manual*, for the other Day 0 maintenance to be done for OBTR.

This topic has the following sub-topic:

- [External System Functions Maintenance](#)  
The systematic instruction to maintain the External System Functions is described in this topic.

### 1.3.2.1 External System Functions Maintenance

The systematic instruction to maintain the External System Functions is described in this topic.

To maintain the External System Functions for the External system "ROFC" for the service name "OBTRCoreService" with operation code "CreateTRDTBLPO" to receive the customer FATCA related information from FCUBS.

1. On the Home page, enter **GWDEFUN** in the text box and then click the next arrow.  
The **External System Functions** page is displayed.

**Figure 1-4 External System Functions**

Field	Description
External System *	Specify the External System.
Function *	Specify the Function.
Action *	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

2. On the **External System Functions Maintenance** screen, specify the fields. For more information on the fields, refer to the below table.

**Table 1-3 External System Function Maintenance- Field Description**

Field	Description
External System	Specify the External System.
Function	Specify the Function.
Action	Specify the Action.
Service Name	Specify the Service Name.
Operation Code	Specify the Operation Code.
Description	Specify the Description.
Bulk SMS Check	Specify the Bulk SMS Check.

## 1.4 Maintenance Required in FCUBS

This topic explains the FATCA processing Maintenance, External System Maintenance, Upload Preference Maintenance, and External Service Maintenance required in FCUBS for integration with OBTR.

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

This topic has the following sub-topics:

- [Maintenance Required for FATCA processing](#)  
This topic describes the maintenance required for FATCA processing in Oracle Banking Treasury Management.
- [External system Maintenance for Gateway](#)  
This topic explains the maintenance required for external accounting interface and external system maintenance for Gateway.

## 1.4.1 Maintenance Required for FATCA processing

This topic describes the maintenance required for FATCA processing in Oracle Banking Treasury Management.

This section describes the specific maintenance needed if bank enables FATCA processing in Oracle Banking Treasury Management (OBTR) where OBTR is integrated with Oracle FLEXCUBE Universal Banking (FCUBS).

This topic has following sub-topics:

- [External System Functions Maintenance](#)  
The systematic instruction to perform External system Functions Maintenance is explained in this topic.
- [Upload Source Preference Maintenance](#)  
The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.
- [FCUBS External Service Maintenance](#)  
The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

### 1.4.1.1 External System Functions Maintenance

The systematic instruction to perform External system Functions Maintenance is explained in this topic.

For the service name “FCUBSCoreService” with operation code “CreateSTDTBLPO”, maintain the External System Functions for the External system “OBTR” to receive the FATCA Obligation and FATCA Referral information from OBTR.

1. On the Home page, enter the **GWDETFUN** , and then click the next arrow.

The **External System Functions** is screen is displayed.

**Figure 1-5 External System Maintenance**

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

2. On the **External System Functions Maintenance** screen, specify the fields.  
For more information on the fields, refer to the below table.

**Table 1-4 External System Function Maintenance - Field Description**

Field	Description
<b>External System</b>	Specify the External System.
<b>Function</b>	Specify the Function.
<b>Action</b>	Specify the Action.
<b>Service Name</b>	Specify the Service Name.
<b>Operation Code</b>	Specify the Operation Code.
<b>Description</b>	Specify the Description.
<b>Bulk SMS Check</b>	Specify the Bulk SMS Check.

### 1.4.1.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

The maintenance for the OBTR source system must be done in the below modules:

**Table 1-5 Modules with Post Upload Status**

Function ID	Service Name
ST	Authorized
CA	Authorized
IF	Authorized



**Note:**

All the fields with the asterisk (\*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.

The **Upload Source Preference Maintenance** screen is displayed.

**Figure 1-6 Upload Source Preference Maintenance**

- On the **Upload Source Preference Maintenance** screen, specify the fields.

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

Field	Description
<b>Source Code</b>	Specify the Source Code.
<b>Module Code</b>	Specify the Module Code.
<b>On Error</b>	Select the On Error details from the drop-down list.
<b>On Override</b>	Select the On Override details from the drop- down list.
<b>Status</b>	Select the Status from the drop- down list.
<b>Purge Days</b>	Specify the Purge Days.

In the **Upload Source Preference Maintenance** screen (CODUPLDM), **Post Upload Status** field value must be selected as “Authorized”.

### 1.4.1.3 FCUBS External Service Maintenance

The systematic instruction to perform Treasury External Service Maintenance is described in this topic.

For the service name “OBTRCoreService” with respective WS Endpoint URL, perform the Treasury External Service Maintenance for the External system “FCUBS” to send the FATCA obligation and FATCA referral information to FCUBS.

- On the Home page, enter the **IFDEXSER** in the text box and then click the next arrow.  
The **External Service Maintenance** screen is displayed.

**Figure 1-7 External Service Maintenance**

External Service Maintenance

New Delete Unlock Authorize Enter Query

External System \* OBTR Description Treasury

External User \* ENGUSER1

1 Of 1 Go

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	OBTRTDService	http://10.40.81.168:7026/OBTRTDService/OBTRTDService?wsdl			
<input type="checkbox"/> SOAP request	OBTRFXService	http://10.40.81.168:7026/OBTRFXService/OBTRFXService?wsdl			

Maker Date Time: undefined Mod No Record Status  
Checker MANOJ2 Date Time: 2020-03-26 18:04:27 Authorization Status

Ok Exit

2. On the **External Service Maintenance** screen, specify the fields.

Below scheduler jobs is configured for the integration. Ensure the jobs are running.  
EXT\_ASYNCALL - Scheduler job is for transferring data to OBTR

## 1.4.2 External system Maintenance for Gateway

This topic explains the maintenance required for external accounting interface and external system maintenance for Gateway.

External System maintenance has to be done for Source Code (OBTR) in FCUBS environment in the following screens:

This topic has following sub-topics:

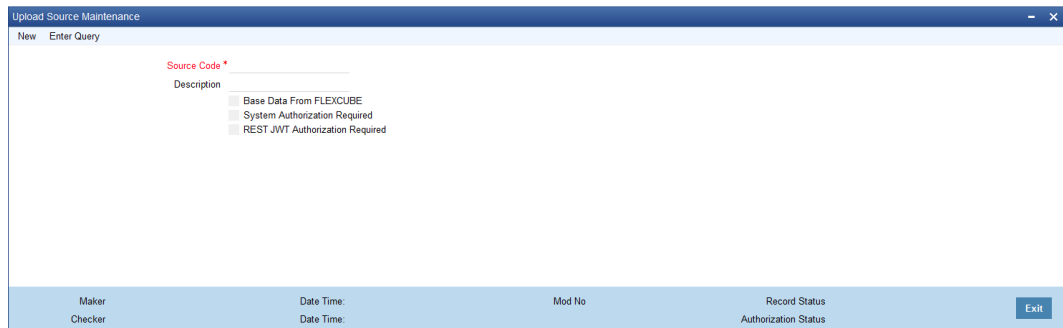
- [Upload Source Maintenance](#)  
The systematic instruction to perform is described in this Upload Source Maintenance topic.
- [Upload Source Preference Maintenance](#)  
The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.
- [User Maintenance](#)  
The systematic instructions to perform User Maintenance is described in this topic.

### 1.4.2.1 Upload Source Maintenance

The systematic instruction to perform is described in this Upload Source Maintenance topic.

1. On the Home page, enter the **CODSORCE** in the text field and then click the next arrow.

The **Upload Source Maintenance** screen is displayed.

**Figure 1-8 Upload Source Maintenance**

2. On the **Upload Source Maintenance** screen, specify the field.  
For more information on fields, refer to the field description table.

**Table 1-7 Upload Source Maintenance- Field Description**

Field	Description
<b>Source Code</b>	Specify the source code.
<b>Description</b>	Displays the Description of Source Code.
<b>'Base Data From FLEXCUBE</b>	Select this Base Data From FLEXCUBE check box.
<b>System Authorization Required</b>	Select this System Authorization Required check box.
<b>REST JWT Authorization Required</b>	Select this REST JWT Authorization Required check box.

### 1.4.2.2 Upload Source Preference Maintenance

The systematic instructions to perform Upload Source Preference Maintenance is described in this topic.

The maintenance for the OBTR source system must be done in the below modules:

**Table 1-8 Modules with Post Upload Status**

Function ID	Service Name
ST	Authorized
CA	Authorized
IF	Authorized

**Note:**

All the fields with the asterisk (\*) symbol are mandatory.

1. On the Home page, enter the **CODUPLDM** in the text box and then click the next arrow.  
The **Upload Source Preference Maintenance** screen is displayed.



**Figure 1-9 Upload Source Preference Maintenance**

2. On the **Upload Source Preference Maintenance** screen, specify the fields.

**Table 1-9 Upload Source Preference Maintenance- Field Description**

Field	Description
<b>Source Code</b>	Specify the Source Code.
<b>Module Code</b>	Specify the Module Code.
<b>On Error</b>	Select the On Error details from the drop-down list.
<b>On Override</b>	Select the On Override details from the drop- down list.
<b>Status</b>	Select the Status from the drop- down list.
<b>Purge Days</b>	Specify the Purge Days.

In the **Upload Source Preference Maintenance** screen (CODUPLDM), **Post Upload Status** field value must be selected as “Authorized”.

### 1.4.2.3 User Maintenance

The systematic instructions to perform User Maintenance is described in this topic.

The External User details with the roles for all the branches which are part of Integration are maintained in Treasury External Service Maintenance.

1. On the Home page, enter the **SMDUSRDF** in the text box and then click the next arrow.

The **User Maintenance** screen is displayed.

**Figure 1-10 User Maintenance**

The screenshot shows the 'User Maintenance' window with a 'User Details' tab selected. The form includes fields for 'User Identification \*', 'Name \*', 'Language \*', 'Home Branch \*', 'Time Level \*', 'Department Code', 'Department Description', 'Amount Format', 'Number Format Mask' (with radio buttons for 'XXX,XXX,XXX,XXX' and 'XX,XX,XX,XX,XXX'), 'Date Format', 'Supervisor Identification', and 'Supervisor Name'. On the right, there are radio buttons for 'Classification' (Staff, Branch), checkboxes for 'Multi Branch Access', 'Other RM Customer Access Restricted', 'Show Dashboards', 'Alerts on Home', 'Front-End Debug Enabled', and 'External Alerts', a dropdown for 'Access to Other Staff Accounts' (set to 'Nonrestricted'), and a 'Customer No' field. A navigation bar at the bottom lists: Roles | Rights | Functions | Account Classes | Branches | Products | Disallowed Functions | Fields | Centralized Role | Dashboard Mapping |. The footer contains 'Maker', 'Checker', 'Date Time:', 'Mod No', 'Record Status', 'Authorization Status', and an 'Exit' button.

2. On the **User Maintenance** screen, specify the fields.
  3. On the **User Maintenance** screen, click **Roles**.
- The **Roles** page is displayed.

**Figure 1-11 Roles**

The screenshot shows the 'Roles' window with a 'User Role Mapping' section. It features a 'Go' button and a table with columns: 'Branch Code \*', 'Role \*', and 'Role Description'. The table is currently empty. At the bottom right, there are 'Ok' and 'Exit' buttons.

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