

**FLEXCUBE Universal Banking -
Party Services Integration Guide**

Oracle Banking Branch

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FLEXCUBE Universal Banking - Party Services Integration Guide

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1 About this manual

1.1 Purpose

This manual is to help with Integration of Party Services with FLEXCUBE Universal Banking.

1.2 Audience

This guide is primarily intended for the following user/user roles:

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

1.3 List of Chapters

Topics	Function
Integration Guide	This chapter helps you to integrate Party Services with FLEXCUBE Universal Banking.

1.4 Related Documents

For information on screens mentioned in this guide, refer to the following documents in the FLEXCUBE Universal Banking Documentation Library:

- Common Core - Gateway User Guide
- Core Services User Guide
- Core Entities User Guide

2 Integration Guide

2.1 Introduction

You can integrate Party Services with FLEXCUBE Universal Banking acting as the backend Product Processor. This document briefs you about the specific steps needed for integration and required specific maintenances.

2.2 Pre-requisite

The Party Service passes the user login id to FLEXCUBE Universal Banking for Gateway requests. Hence, the same user-id should be existing in FLEXCUBE Universal Banking with the required role access to perform the desired operation.

SOAP Services should be up and running in FLEXCUBE Universal Banking for the integration to work.

2.3 Maintenance for FLEXCUBE Universal Banking

Gateway setup should be done in FLEXCUBE Universal Banking for particular source system (Party) by doing maintenance in the below mentioned screens.

CODSORCE – Upload Source Maintenance

Maintain a value like EXTSYS for Party services to identify it as an external source system.

EXTSYS is an example source system name used throughout this document.

The source code name can be maintained against the key externalSource for the application obpy-party-handoff-services.

Figure 1: Upload Source Maintenance

Upload Source Maintenance

New Copy Close Unlock Print Enter Query

Source Code * EXTSYS

Source Description EXTSYS

☒ Base Data From FLEXCUBE

☐ System Authorization Required

Maker RAJALAKSHI Date Time: 2020-03-26 22:59:00 Mod No 1 Record Status Open

Checker RAJALAKSHI Date Time: 2020-03-26 22:59:00 Authorization Authorized Status

Exit

CODUPLDM – Upload Source Preferences Maintenance

For the defined source system (EXTSYS) and module ST, maintain a source preference record with recommended key values like below:

- Post upload status - Authorized
- On Override - Ignore
- On Error - Reject
- On Repairable Exception - Reject
- On Queue Exception – Reject

Figure 2: Upload Source Preferences Maintenance

Upload Source Preferences Maintenance

New Copy Reopen Print Enter Query

Source Code * EXTSYS

Module Code * ST

Error Handling

On Error * Reject

On Override * Ignore

Post Upload

Status * Authorized

Purge Days

☐ Allow Deferred Processing

☐ Allow EOD with Deferred

☐ Deletion Allowed

Function Id Preferences

Maker RAJA_MAK Date Time: 2020-03-26 18:21:41 Mod No 2 Record Status Closed

Checker RAJA_MAK Date Time: 2020-03-26 18:21:41 Authorization Authorized Status

Exit

GWDETSYS – External System Maintenance

Maintain details for external system EXTSYS in this screen.

Figure 3: External System Maintenance

The screenshot shows the 'External System Maintenance' window. At the top, there is a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. Below this, the 'External System' section shows 'External System * EXTSYS' and 'Description EXTSYS'. The 'Correlation Pattern' section has a 'Request' dropdown set to 'Message ID'. The 'Message Exchange Pattern' section has a 'Request Message' dropdown set to 'Full Screen'. Below these is a table for 'External System Queues' with columns 'In Queue' and 'Response Queue'. The table contains one row: 'MDB_QUEUE' in the 'In Queue' column and 'MDB_QUEUE_RESPON' in the 'Response Queue' column. At the bottom, there is a status bar with 'FTP Parameters | Fields', 'Maker RAJAT MITH', 'Date Time: 2020-03-26 03:10:49', 'Mod No 3', 'Record Status Open', 'Checker RAJAT MITH', 'Date Time: 2020-03-26 03:10:49', 'Authorization Authorized Status', and an 'Exit' button.

GWDEFUN – External System Functions

Maintain the below function access rights for the external system as given below.

Function ID	Action
STGCIF	NEW
STGCIF	UNLOCK
STGCIF	AUTHORIZE
STQCIF	VIEW
STVCIF	VIEW
STGKYCMN	NEW
STGKYCMN	UNLOCK
STGKYCMN	DELETE
STGKYCMN	AUTHORIZE
ACQABLQY	VIEW

Function ID	Action
STGCRCAD	NEW
STGCRCAD	UNLOCK
STGCRCAD	AUTHORIZE
STQCRCAD	VIEW

Figure 4: External System Functions
CODTYPES – Static Type Maintenance

The following static maintenance are required for type CIF_ID_TYPE.

Type Name	Type Value
AADHAR	AADHAR
DRIVING LICENSE	DRIVING LICENSE
PASSPORT	PASSPORT
VOTERID	VOTERID

Same type values to be maintained as the sub_entity_code in Party maintenance services Static data for the entitycode ITY.

Figure 5: Static Type Maintenance

The screenshot shows a window titled "Static Type Maintenance" with a menu bar containing "New", "Copy", "Close", "Unlock", "Print", and "Enter Query". The main area contains three input fields:

- Type * CIF_ID_TYPE
- Type Name * AADHAR
- Type Value AADHAR

At the bottom, there is a "Fields" section and a status bar with the following information:

Maker MURALI	Date Time: 2020-03-26 10:22:32	Mod No 1	Record Status Open
Checker MURALI	Date Time: 2020-03-26 10:22:32	Authorization Authorized	Status

An "Exit" button is located in the bottom right corner.

STDKYCTP – KYC Type Maintenance

Maintain *KYC_PURPOSE* with a value like "Commercial". The same value is to be maintained in the Party properties table (*obpy_properties*) key *KYC_TYPE_PURPOSE*.

Similarly, maintain value for *KYC_PURPOSE_CRP* with values like CORPORATE, SMB, and SME to indicate the reason for customer onboarding.

Figure 6: KYC Type Maintenance

KYC Type Maintenance

Delete Unlock Print Authorize Enter Query

KYC Type KYC_DET_PURPOSE_ KYC Type Description Detail Purpose
Commercial

KYC Value Details

1 Of 1 Go

KYC Type Value	KYC Type Value Description
----------------	----------------------------

Fields

Maker SYSTEM Date Time: Mod No 1 Record Status Open
Checker Date Time: Authorization Unauthorized Exit

STDCUPRT - Customer Title (Salutations)

Maintain the below customer Prefix1:

- Capt.
- Dr.
- Er.
- Major.
- Miss.
- Mr.
- Mrs.
- Ms.

Same values as sub_entity_code to be maintained as Party maintenance services Static data for the entitycode SAL.

Figure 7: Customer Prefix Maintenance

Customer Prefix Maintenance

New Copy Close Unlock Print Enter Query

Branch Code * 000

1 Of 1 Go

	Prefix1	Prefix2	Prefix3
<input checked="" type="checkbox"/>	Capt.		
<input type="checkbox"/>	Dr.		
<input type="checkbox"/>	Er.		
<input type="checkbox"/>	Major.		
<input type="checkbox"/>	Miss.		
<input type="checkbox"/>	Mr.		
<input type="checkbox"/>	Mrs.		

Fields

Maker MURALI Date Time: 2020-03-26 15:18:57 Mod No 3 Record Status Open
 Checker MURALI Date Time: 2020-03-26 15:18:57 Authorization Authorized Status

Exit

STDCULOE - Location Maintenance

Maintain location with different country codes values that are similar to Country code values in Correspondence address. This will be appearing as Country in Communication address in Party Services.

Figure 8: Location Maintenance

Location Maintenance

New Copy Close Unlock Print Enter Query

Location * UK

Description UNITED KINGDOM

Fields

Maker VEKID Date Time: 2018-11-22 02:04:56 Mod No 1 Record Status Open
 Checker VIVERID Date Time: 2018-11-22 02:04:56 Authorization Authorized Status

Exit

SMDEMPMT – Employer Maintenance

Maintain employer codes here, the same code to be used while entering Party Employer name.

Figure 9: Employer Maintenance

Employer Maintenance

New Enter Query

Employer Maintenance

Employer Code *

Employer Description *

Maker Date Time: Mod No Record Status

Checker Date Time: Authorization Status

Exit

STDSEGMT – Customer Segment Maintenance

Maintain different for Customer Segment. The same code is to be maintained for the entity code “SEG” in Party Maintenance.

Figure 10: Customer Segment Maintenance

Customer Segment Maintenance

New Copy Close Unlock Print Enter Query

Segment Code * HNI

Segment Description High Net worth Individuals

Segment Currency GBP

Minimum Segment Amount 5,001.00 Maximum Segment Amount 10,000.00

Fields

Maker KARNAMAK Date Time: 2020-05-28 10:56:04 Mod No 1 Record Status Open

Checker KARNAMAK Date Time: 2020-05-28 10:56:04 Authorization Status

Exit

STDCSCAG – Customer Category Maintenance

Maintain Customer categories like below in FLEXCUBE Universal Banking. The same values need to be maintained or replicated in Core Maintenance - Customer Category, which can be input as Party Sub Type during the Party onboarding.

S.No	Customer Category	Description (sample)	Purpose
1	INDIVIDUAL	INDIVIDUAL	Required for onboarding Retail Customers.
2	CORPORATE	CORPORATE	Required for onboarding Corporate Customers
3	SMB	Small and Medium Business	Required for onboarding Small and Medium Business Customers.
4	SME	Small and Medium Enterprise	Required for onboarding Small and Medium Enterprise Customers.

Figure 11: Customer Category Maintenance

Customer Category Maintenance

New Copy Close Unlock Print Enter Query

Customer Category * INDIVIDUAL

Description INDIVIDUAL

☐ Maintain Customer Log

Fields

Maker FAISMA MITO	Date Time: 2020-05-28 11:50:08	Mod No 1	Record Status Open
Checker FAISMA MITO	Date Time: 2020-05-28 11:50:08	Authorization Authorized Status	Exit

Party Amendment**GWDAMDMT –Gateway Amendment Maintenance**

In FLEXCUBE Universal Banking, the amendment should be allowed field-wise for an operation code. Below is the list of samples required amendment fields in FLEXCUBE Universal Banking:

- External System and Origin System: EXTSYS
- Source Operation: ModifyCustomer
- Service Name: FCUBSCustomerService
- Operation Code: ModifyCustomer

- For each node, set New, Delete, and All Records as Y

Figure 102: Gateway Amendment Maintenance

Gateway Amendment Maintenance

New Copy Close Unlock Print Enter Query

External System * EXTSYS
Origin System * EXTSYS

Source Operation * ModifyCustomer
Service Name FCUBSCustomerService
Operation Code ModifyCustomer

Amendable Nodes

1 Of 1 Go

<input type="checkbox"/>	Node Name *	New Allowed	Delete Allowed	All Records
<input type="checkbox"/>	STTMS_CUSTOMER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUSTOMER_A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUST_DOMESTIC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUST_PERSONAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUST_PERSONAL_A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUST_PROFESSIONAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	STTMS_CUST_CORPORATE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Amendable Fields

Maker MURALI Date Time: 2020-03-26 15:50:06 Mod No 4 Record Status Open
Checker MURALI Date Time: 2020-03-26 15:50:06 Authorization Authorized Status

Exit

Node: STTMS_CUSTOMER

- ACCESS_GROUP
- ADDRESS_LINE1
- ADDRESS_LINE2
- ADDRESS_LINE3
- ADDRESS_LINE4
- CIF_STATUS
- COUNTRY
- CUSTOMER_CATEGORY
- CUSTOMER_NAME1
- CUSTOMER_NAME2
- CUST_CLASSIFICATION
- CUST_GROUP
- FULL_NAME
- KYC_DETAILS
- KYC_REF_NO
- LANGUAGE
- LOCAL_BRANCH
- NATIONALITY
- PINCODE
- SHORT_NAME
- SHORT_NAME2
- UNIQUE_ID_NAME
- UNIQUE_ID_VALUE

Node: STTMS_CUSTOMER__A

- ADDRESS_LINE1
- ADDRESS_LINE2
- ADDRESS_LINE3
- COUNTRY
- CUSTOMER_NAME1
- JOINT_VENTURE
- KYC_DETAILS
- KYC_REF_NO
- LANGUAGE
- NATIONALITY
- PINCODE
- UNIQUE_ID_NAME
- UNIQUE_ID_VALUE

Node: STTMS_CUST_DOMESTIC

- ACCOMODATION
- DEPENDENT_CHILDREN
- DEPENDENT_OTHERS
- EDUCATIONAL_STATUS
- MARITAL_STATUS
- MOTHER_MAIDEN_NAME
- SPOUSE_EMP_STATUS
- SPOUSE_NAME
- STTMS_CUST_PERSONAL
- BIRTH_COUNTRY
- CUSTOMER_NO
- CUSTOMER_PREFIX
- CUSTOMER_PREFIX1
- CUSTOMER_PREFIX2
- CUST_COMM_MODE
- DATE_OF_BIRTH
- D_ADDRESS1
- D_ADDRESS2
- D_ADDRESS3
- D_ADDRESS4
- D_COUNTRY
- D_PINCODE
- E_MAIL
- FAX
- FAX_ISD_NO
- FIRST_NAME
- HOME_TEL_ISD
- HOME_TEL_NO
- LAST_NAME

- LEGAL_GUARDIAN
- MIDDLE_NAME
- MINOR
- MOBILE_NUMBER
- MOB_ISD_NO
- PASSPORT_NO
- PLACE_OF_BIRTH
- PPT_EXP_DATE
- PPT_ISS_DATE
- P_ADDRESS1
- P_ADDRESS2
- P_ADDRESS3
- P_ADDRESS4
- P_COUNTRY
- P_NATIONAL_ID
- P_PINCODE
- RESIDENT_STATUS
- SEX
- TELEPHONE
- TEL_ISD_NO
- US_RES_STATUS
- VST_US_PREV

Node: STTMS_CUST_PERSONAL__A

- CUST_COMM_MODE
- E_MAIL
- FAX
- FAX_ISD_NO
- MOBILE_NUMBER
- MOB_ISD_NO
- TELEPHONE
- TEL_ISD_NO
- STTMS_CUST_PROFESSIONAL
- CCY_PERS_INCEXP
- CREDIT_CARDS
- DESIGNATION
- EMPLOYER
- EMPLOYMENT_STATUS
- EMPLOYMENT_TENURE
- E_ADDRESS1
- E_ADDRESS2
- E_ADDRESS3
- E_ADDRESS4
- E_COUNTRY
- E_EMAIL

- E_TELEPHONE
- HOUSE_VALUE
- INSURANCE
- LOAN_PAYMENT
- OTHER_EXPENSES
- OTHER_INCOME
- PINCODE
- PREV_DESIGNATION
- PREV_EMPLOYER
- RENT
- RETIREMENT_AGE
- SALARY
- SALARY_FREQ

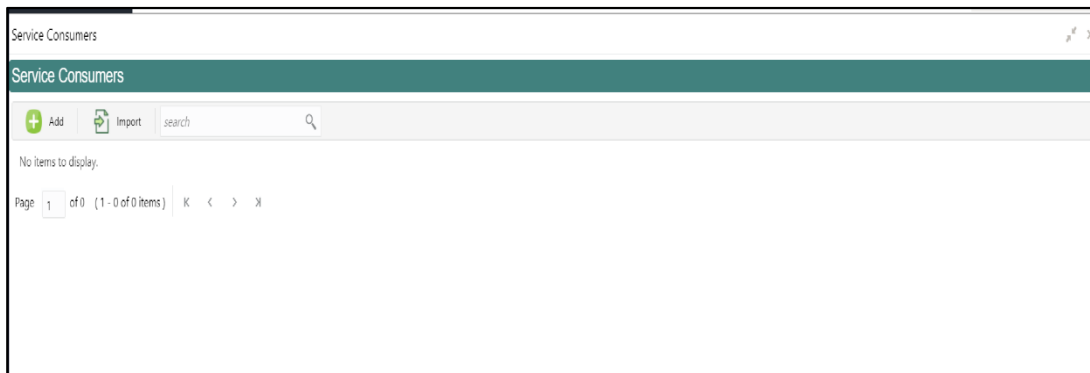
NOTE: Additional fields may be present keeping future scope/assumptions.

2.4 Maintenance for Party Services

- 1) Maintain Oracle Banking Routing Hub configuration in common core for FLEXCUBE Universal Banking.
- 2) From **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
- 3) Under **Routing Hub**, click **Service Consumers**.

→ The **Service Consumers** screen is displayed.

Figure 13: Service Consumers



- 4) Click **Import** and upload the OBPY_Consumer.json file provided in the release and click **Extract**.
- 5) Select **FCUBS** and click **Import**.
- 6) Click **OBPY**.
- 7) Under **OBPY**, click **FCUBS**.
- 8) Click **Edit**.
- 9) Change the host and port as per the FLEXCUBE Universal Banking Soap WebService installation and save it.
- 10) Consumer services in the JSON will be imported.
- 11) Post importing, please check the request transformation in the below listed Consumer Services. The Entity code must be changed to the value set in FLEXCUBE Universal Banking or the value can be nullified.

For example, the request transformation will have the following typical line

```
<fcub:ENTITY>$headers["entityId"][0]</fcub:ENTITY>
```

Here the entity code in the OBPY is passed in runtime as **\$headers["entityId"]**[0]. This would not work if the entity code is different in FLEXCUBE Universal Banking.

The above line can be changed to

`<fcub:ENTITY>entity_code_of_fcubs</fcub:ENTITY>` or `<fcub:ENTITY></fcub:ENTITY>`

List of Consumer Services in Service Provider FCUBS

1. CreateSMBCustomerFS
2. CreateFICorporateCustomerFS
3. CreateSMECustomerFS
4. CreateCustomerFS
5. CreateCorporateCustomerFS
6. CreateKYCDetailsFS
7. ModifyCustomerFS
8. ModifySMECustomerFS
9. ModifyStructuredAddressFS
10. ModifySMBCustomerFS
11. ModifyCorporateCustomerFS
12. ModifyFICustomerFS
13. QueryCustomerIO
14. QueryCustomerAccountBalance