

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

Oracle Banking Origination

Release 14.5.4.0.0

Part Number F54319-01

February 2022

FLEXCUBE Universal Banking - Party Services Integration Guide

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Contents

1	About this manual	1
1.1	Purpose	1
1.2	Audience	1
1.3	List of Chapters	1
1.4	Related Documents	1
2	Integration Guide	2
2.1	Introduction	2
2.2	Pre-requisite	2
2.3	Maintenance for FLEXCUBE Universal Banking	2
2.4	Maintenance for Party Services	16

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

1. 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.
2. 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 FAISALMTH Date Time: 2020-03-26 22:59:00 Mod No 1 Record Status Open

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

Exit

CODUPLDM – Upload Source Preferences Maintenance

1. For the defined source system (EXTSYS) and module ST, maintain a source preference record with recommended key values like below:
 - a. Post upload status - Authorized
 - b. On Override - Ignore
 - c. On Error - Reject
 - d. On Repairable Exception - Reject
 - e. On Queue Exception – Reject

Figure 2: Upload Source Preferences Maintenance

The screenshot shows the 'Upload Source Preferences Maintenance' window. It has a menu bar with 'New', 'Copy', 'Reopen', 'Print', and 'Enter Query'. The main area contains the following fields:

- Source Code ***: EXTSYS
- Module Code ***: ST
- Error Handling**:
 - On Error ***: Reject (dropdown)
 - On Override ***: Ignore (dropdown)
- Post Upload**:
 - Status ***: Authorized (dropdown)
 - Purge Days**: (empty field)
 - ☐ Allow Deferred Processing
 - ☐ Allow EOD with Deferred
 - ☐ Deletion Allowed

At the bottom, there is a 'Function Id Preferences' section with a table:

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

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

GWDETSYS – External System Maintenance

Maintain details for external system EXTSYS in this screen.

Figure 3: External System Maintenance
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

Fields	
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 Status	Authorized

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

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

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

The screenshot shows a window titled "Customer Prefix Maintenance" with a menu bar (New, Copy, Close, Unlock, Print, Enter Query) and a text field for "Branch Code * 000". Below is a table with columns Prefix1, Prefix2, and Prefix3. The first row is selected, showing "Capt." in Prefix1. The status bar at the bottom displays: 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, and an Exit button.

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

The screenshot shows a window titled "Location Maintenance" with a menu bar containing "New", "Copy", "Close", "Unlock", "Print", and "Enter Query". The main area contains two input fields: "Location *" with the value "UK" and "Description" with the value "UNITED KINGDOM". At the bottom, there is a "Fields" section with a table of metadata and an "Exit" button.

Fields					
Maker	VVEK04	Date Time:	2018-11-22 02:04:56	Mod No	1
Checker	VMEK04	Date Time:	2018-11-22 02:04:56	Record Status	Open
				Authorization	Authorized
				Status	

SMDEMPMT – Employer Maintenance

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

Figure 9: Employer Maintenance

The screenshot shows a window titled "Employer Maintenance" with a menu bar containing "New" and "Enter Query". The main area contains two input fields: "Employer Code *" and "Employer Description *". At the bottom, there is a "Fields" section with a table of metadata and an "Exit" button.

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

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 Authorized 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.

S.No	Customer Category	Description (sample)	Purpose
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 FAISAL AUTO	Date Time: 2020-05-28 11:50:08	Mod No 1	Record Status Open
Checker FAISAL AUTO	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 type="checkbox"/>	STTMS_CUSTOMER_A	✓	✓	✓
<input type="checkbox"/>	STTMS_CUST_DOMESTIC	✓	✓	✓
<input type="checkbox"/>	STTMS_CUST_PERSONAL	✓	✓	✓
<input type="checkbox"/>	STTMS_CUST_PERSONAL_A	✓	✓	✓
<input type="checkbox"/>	STTMS_CUST_PROFESSIONAL	✓	✓	✓
<input type="checkbox"/>	STTMS_CUST_CORPORATE	✓	✓	✓

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

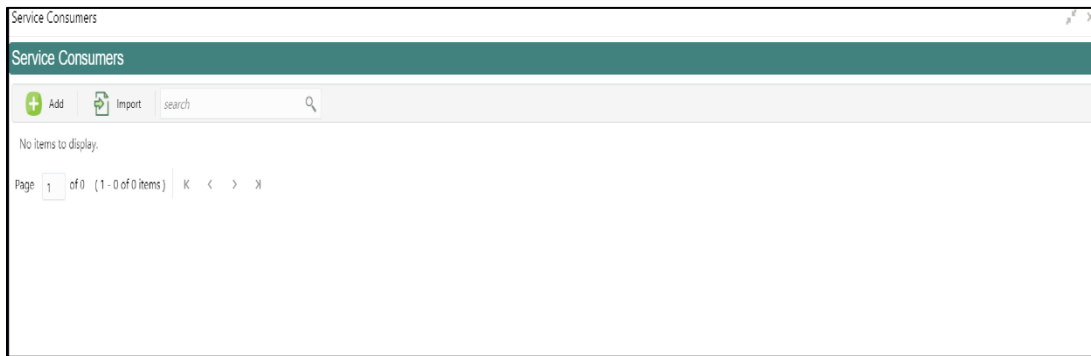
NOTE: Additional fields may be present keeping future scope/assumptions.

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