

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

**Oracle Banking Origination Cloud Service**

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

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## Contents

<b>1</b>	<b>About this manual .....</b>	<b>1</b>
1.1	Purpose .....	1
1.2	Audience .....	1
1.3	List of Chapters .....	1
1.4	Related Documents.....	1
<b>2</b>	<b>Integration Guide .....</b>	<b>2</b>
2.1	Introduction.....	2
2.2	Pre-requisite .....	2
2.3	Maintenance for FLEXCUBE Universal Banking .....	2
2.4	Maintenance for Party Services .....	18

# 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 and Gateway 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**

The screenshot displays the 'Upload Source Maintenance' application window. At the top, there is a menu bar with options: New, Copy, Close, Unlock, Print, and Enter Query. The main form area contains the following fields and controls:

- Source Code**: A text field containing the value 'EXTSYS'.
- Source Description**: A text field containing the value 'EXTSYS'.
- Base Data From FLEXCUBE**: A checkbox that is currently checked.
- System Authorization Required**: A checkbox that is currently unchecked.

The bottom of the window features a status bar with the following information:

- Maker**: FAISAL.MITH
- Date Time**: 2020-03-26 22:59:00
- Mod No**: 1
- Record Status**: Open
- Checker**: FAISAL.AUTM
- Date Time**: 2020-03-26 22:59:00
- Authorization**: Authorized
- Status**: (blank)

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

**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:

- 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**

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**
**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	DDL
PASSPORT	PPT
VOTERID	VOTERID

Same type values to be maintained as the sub\_entity\_code in Party Entity Maintenance for the entitycode ITY.

**Note:** Refer to **Oracle Banking Party Configuration User Guide** for more details on Entity Maintenance.



**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	Authorized
Status	

**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	2020-03-26 10:22:32
Mod No	1
Record Status	Open
Checker	SYSTEM
Date Time	2020-03-26 10:22:32
Authorization	Unauthorized
Status	

**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 in Party Entity Maintenance 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 M Date Time: 2020-03-26 15:18:57 Mod No 3 Record Status Open

Checker MURALI M Date Time: 2020-03-26 15:18:57 Authorization Authorized Status

Exit

**STDCULOE - Location Maintenance**

Maintain required location codes. The same needs to be maintained in Location Maintenance screen available in Party.

**Note:** Refer to **Oracle Banking Party Configuration User Guide** for more details on Location Maintenance.

**Figure 8: Location Maintenance**

The screenshot shows a web application window titled "Location Maintenance". The window has a menu bar with options: New, Copy, Close, Unlock, Print, and Enter Query. The main area contains a form with the following fields:

- Location \*** UK
- Description** UNITED KINGDOM

At the bottom of the window, there is a "Fields" section with the following information:

Maker	VEK04	Date Time: 2018-11-22 02:04:56	Mod No	1	Record Status	Open
Checker	VIVE04	Date Time: 2018-11-22 02:04:56			Authorization	Authorized Status

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

**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 Entity 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.
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

Fields

Maker PAISAL MITO Date Time: 2020-05-28 11:50:08 Mod No 1 Record Status Open

Checker PAISAL MITO Date Time: 2020-05-28 11:50:08 Authorization Authorized Status

**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:

**Customer Modification**

- 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 12: Gateway Amendment Maintenance**

The screenshot shows the 'Gateway Amendment Maintenance' window. At the top, there are menu options: New, Copy, Close, Unlock, Print, Enter Query. Below this, there are input fields for 'External System \* EXTSYS', 'Origin System \* EXTSYS', 'Source Operation \* ModifyCustomer', 'Service Name FCUBSCustomerService', and 'Operation Code ModifyCustomer'. The main section is titled 'Amendable Nodes' and contains a table with columns: Node Name, New Allowed, Delete Allowed, and All Records. Below the table is a section for 'Amendable Fields'. At the bottom, there is a status bar with fields for Maker, Checker, Date Time, Mod No, Record Status, and Authorization, along with an 'Exit' button.

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

#### **KYC Modification**

- External System and Origin System: EXTSYS
- Source Operation: STDKYCMN\_MODIFY
- Service Name: FCUBSSTService
- Operation Code: ModifyKYCDetails
- For each node, set New, Delete, and All Records as Y

**Node:** STTMS\_KYC\_COMPL\_AUDIT\_DTL

- ACTIVITY\_STP\_CD
- ACTIVITY\_STP\_CD\_REASON
- CB\_RESPONSE
- CB\_RESPONSE\_DATE
- CIS\_NUMBER
- DAIRY\_NOTE

- NAME
- STR\_DATE
- STR\_RAISED
- STR\_REF\_NO

**Node:** STTMS\_KYC\_CORPORATE

- ACC\_PURPOSE
- ACC\_SOLICITED
- ACC\_SOLICITED\_DATE
- ANNUAL\_TURNOVER
- APPROVER\_COMMENTS
- AUDIT\_DATE
- BORROW\_ACC\_GRP
- BUSINESS\_APPROVAL
- BUSINESS\_NATURE
- COMPANY\_TYPE
- COMPLIANCE\_CLEARANCE
- EMPLOYEE\_NUMBER
- FUNDS\_SOURCE
- GROUP\_NAME
- INTRODUCER\_DTL
- KYC\_AMTS\_CCY
- KYC\_COMMENTS
- KYC\_NXT\_REVIEW\_DATE
- LOCAL\_ABROAD\_BRN
- OTHR\_COMPANY\_TYPE
- OTHR\_SALARY\_MODES
- PARENT\_CMPNY\_COUNTRY
- SALARY\_MODE

**Node:** STTMS\_KYC\_CORP\_CLIENT

- COUNTRIES
- PAYMENT\_MODE

**Node:** STTMS\_KYC\_CORP\_KEYPERSONS

- ADDRESS
- ADDRESS\_COUNTRY
- BIRTH\_COUNTRY
- DATE\_OF\_BIRTH
- ISD\_CODE

- NATIONALITY
- OWNERSHIP\_TYPE
- PLACE\_OF\_BIRTH
- POSITION\_OR\_TITLE
- RELATIONSHIP
- SHARE\_HOLDING
- TAX\_CNTRY
- TEL\_NO
- TIN

**Node:STTMS\_KYC\_CORP\_SUPPLIER**

- COUNTRIES
- SETTLEMENT\_MODE

**Node:STTMS\_KYC\_FINANCIAL**

- BANK\_ADDRESS
- COUNTRY
- KYC\_AMTS\_CCY

**Node:STTMS\_KYC\_MASTER**

- CRS\_TYPE
- KYC\_DESC
- RISK\_LEVEL

**Node:STTMS\_KYC\_MGMNT\_DTL**

- DESIGNATION

**Node: STTMS\_KYC\_RETAIL**

- ACC\_PURPOSE
- ACC\_TYPE
- APPROVER\_COMMENTS
- BIRTH\_COUNTRY
- BIRTH\_DATE
- BIRTH\_PLACE
- BUSINESS\_INCOME
- DECLARED
- FAX\_ISD\_NO
- FAX\_NO
- HOME\_ADDR\_COUNTRY

- HOME\_COUNTRY\_ADDR
- INVESTMENT\_INCOME
- KYC\_AMTS\_CCY
- KYC\_COMMENTS
- KYC\_NXT\_REVIEW\_DATE
- LOCAL\_ADDR
- LOCAL\_ADDR\_COUNTRY
- MOBILE\_TEL\_NO
- MOB\_ISD\_NO
- NATIONALITY
- OFFICE\_TEL\_NO
- OFF\_TEL\_ISD\_NO
- OTHR\_ACC\_PURPOSE
- OTHR\_INCOME\_SOURCES

**Node:**STTMS\_KYC\_SHARE\_HOLDERS

- ADDRESS
- CITY
- COUNTRY
- HOLDING

**Node:**STTMS\_KYC\_TXN\_DETAILS

- COUNTRIES
- COUNTRY\_PURPOSE
- MAX\_COUNT
- PURPOSE
- SINGLE\_MAX\_AMT
- TOTAL\_AMT

**Node:**STTMS\_KYC\_TXN\_PRODUCTS

- MONTHLY\_AMT
- NO\_OF\_TXN\_MONTHLY
- RATING

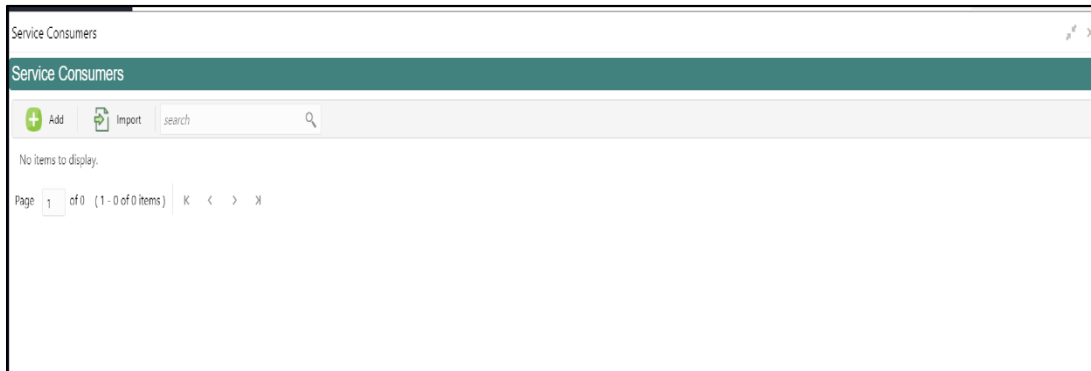
**NOTE:** Additional fields may be present keeping future scope/assumptions.

## 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