

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

Oracle Banking Branch

Release 14.7.0.0.0

Part Number F73002-01

November 2022

FLEXCUBE Universal Banking - Party Services Integration Guide

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

<https://www.oracle.com/industries/financial-services/index.html>

Copyright © 2021, 2022, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

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	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
- Checker:** FAISAL MITH
- Date Time:** 2020-03-26 22:59:00 (for both Maker and Checker)
- Mod No:** 1
- Record Status:** Open
- 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	DLS
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	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	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
☒ Capt.		
☐ Dr.		
☐ Er.		
☐ Major.		
☐ Miss.		
☐ Mr.		
☐ 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

Location Maintenance

New Copy Close Unlock Print Enter Query

Location * UK

Description UNITED KINGDOM

Fields

Maker VIVEK04	Date Time: 2018-11-22 02:04:56	Mod No 1	Record Status Open
Checker VIVEK04	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 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. It includes a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. The main area contains input fields for 'External System * EXTSYS', 'Origin System * EXTSYS', 'Source Operation * ModifyCustomer', 'Service Name FCUBSCustomerService', and 'Operation Code ModifyCustomer'. Below these is a table titled 'Amendable Nodes' with columns for 'Node Name', 'New Allowed', 'Delete Allowed', and 'All Records'. The table lists seven nodes, all with checkboxes for 'New Allowed', 'Delete Allowed', and 'All Records' checked. At the bottom, there is a section for 'Amendable Fields' and a status bar with 'Maker MURALI', 'Checker MURALI', 'Date Time: 2020-03-26 15:50:06', 'Mod No 4', 'Record Status Open', and 'Authorization Authorized Status'. An 'Exit' button is located in the bottom right corner.

Node Name *	New Allowed	Delete Allowed	All Records
☐ STTMS_CUSTOMER	☒	☒	☒
☐ STTMS_CUSTOMER_A	☒	☒	☒
☐ STTMS_CUST_DOMESTIC	☒	☒	☒
☐ STTMS_CUST_PERSONAL	☒	☒	☒
☐ STTMS_CUST_PERSONAL_A	☒	☒	☒
☐ STTMS_CUST_PROFESSIONAL	☒	☒	☒
☐ STTMS_CUST_CORPORATE	☒	☒	☒

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

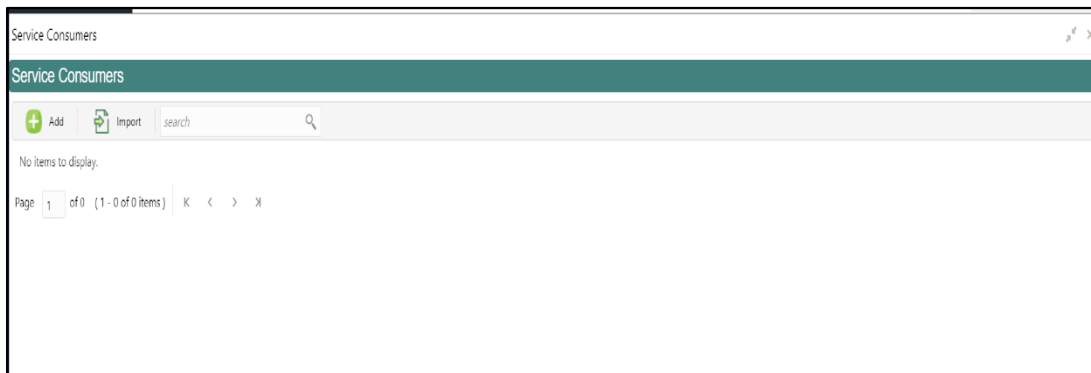
NOTE: Additional fields may be present keeping future scope/assumptions.

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