Product Release Note
Oracle FLEXCUBE Universal Banking
Release 14.4.0.1.0
August 2020

ORACLE
Financial Services

ORACLE

Product Release Note
August 2020
Version 14.4.0.1.0

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

Table of Contents

1. Release Notes

1.1 Background

Oracle Financial Services Software Limited has developed Oracle FLEXCUBE Universal Banking, which enable banks to create a distributed network of branches for effective marketing and efficient handling of customer transactions.

Oracle FLEXCUBE Universal Banking is a real-time online solution, enabled for multi-currency, multilingual, multi-entity, multi-instance operations. Its mission-critical and robust architecture and use of leading-edge industry standard products ensure almost limitless scalability.

1.2 Purpose

The purpose of this Release Note is to propagate the enhancements in Oracle FLEXCUBE Universal Banking 14.4.0.1.0.

1.3   <u>Release Highlights</u>

The rationale for the product release of Oracle FLEXCUBE Universal Banking version 14.4.0.1.0 is to support regulatory requirement and enhance features that are essential in competitive market.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

- Servicing Retail Operations Enhancements
- Retail Party Enhancements
- Retail Process Management Enhancements
- External credit approval handling through Java Rest API
- Relationship Pricing support for external components
- Dual Currency Deposit without Options Contract
- Integration with Oracle Banking Payments for Clearing transactions
- Services to support Oracle Banking Digital Experience queries
- Straight through processing of CAMT053
- Inactive Customer Status

1.4   Release Enhancements

1.4.1   Servicing Retail Operations Enhancements

The following enhancements are made in this release:

- Introduced the following transaction screens:
  - Credit Card Payment by Cash
  - Credit Card Payment (Account/Clearing Cheque)
  - Loan Repayment by Cash
  - Loan Disbursement by Cash
  - Credit Card Advance by Cash
  - Credit Card Advance by Transfer
  - Safe Deposit Rental by Cash
  - Murabaha Payment by Cash
  - Islamic Down Payment by Cash
  - Islamic TD Account Opening
- Flexibility to specify if transactions can be approved by Email request based on parameterization at Function Code Preferences level.
- Flexibility to generate Input slip for transactions based on the parameterization at Function code Preferences level.
- Support to mandate the signature validation for transactions based on the parameterization at Function code preferences level.
- Option to display the transaction reference at UI for verification purpose with Product processors.
- Journal screens are bifurcated as Electronic Journal (for Cash transactions) and Servicing Journal (for non-cash transactions).
- Option to support UDF and MIS during accounting via common core Additional Fields.
- Support to validate the channel limits during withdrawal transactions.
- Auto population of denomination units for cash-based withdrawal transactions.
- Added support for OBX along with Extension Jar for customization, and support for common core Additional Fields are added.
- Common Charge Service is integrated.
- Support for OBRH is added.
- Introduced Machine Learning. The features of Machine Learning are described below:
- OBREMO uses machine learning to process an email request from a customer automatically. When a customer sends an email request, the requirement is understood using machine learning, and the transaction is processed. Based on pre-defined machine learning in External System Maintenance, the transaction is processed automatically.

- The following conditions apply to the machine learning use case for cheque book request:
  - If sufficient details are provided in the email request, the transaction will be processed until completion.
  - If details are insufficient in the email request to process a transaction, it will be assigned in the Electronic Journal log for user correction. After the assigned user does the correction, the transaction will be processed.
- The following conditions apply to the machine learning use case for card block request:
  - If sufficient details are provided in the email request, the transaction will be processed until completion.
- Introduced new screens F23C and F24C, which are used by customers to pay specific taxes in Italy.
- Added functionality of a single Teller Session for multiple cash transactions of a customer. The new screens developed are:
  - 9401 – Start Teller Session
  - 1403 – Cash Deposit in a Teller Session
  - 1002 – Cash Withdrawal in a Teller Session
  - 8204 – FX Sale (Walk-in) in a Teller Session
  - 8008 – FX Purchase (Walk-in) in a Teller Session
  - 9402 – Stop Teller Session

  NOTE: For the screens mentioned above, the Denomination tracking and Till update will happen for the cumulative amount as part of Stop Teller Session.
- Added indicator to track large denominations.

1.4.2   Retail Party Enhancements

The following enhancements are made in this release:

- Party Amendment – It is now possible to initiate an existing Party and access the "Retail Amendment" from Menu. The system will allow amendment of one or more data segments for a party. At a time, a data segment will be allowed to be amended only by one user.
- Change log for amendment will also be available.
- Added the following new fields to the Party for Capture:
  - Title – Capture the Salutation of the party like Mr, Mrs, etc.
  - Short Name – System can take a unique short name for the customer if given, else it generates a unique name.
  - Marital Status – Capture the Martial status of the customer
  - Residential Status – Capture whether the customer is a resident or not
  - Unique type and ID – Capture the unique type and value for the customer.
  - Customer Segment – Assign a segment to the customer.
  - ISD code for contact number – Added ISD code for the contact number field.
- The new fields are also made available as part of the Enquiry API

ORACLE

- Enquiry API response will also include the value of KYC compliance from the host for the party if it exists.
- Enquiry API for the party will also include the document IDs for the party.
- A new amendment process workflow is released. The deployment steps for this workflow are similar to that of the onboarding workflow.
- The maintenance service is enhanced (obpy_party_maintenance_service-5.4.0.war) to include supporting new fields added, as mentioned above.

  NOTE: Ensure that the maintenance service (obpy_party_maintenance_service-5.4.0.war) is deployed ahead of other Party services.

1.4.3 Retail Process Management Enhancements

The following enhancements are made in this release:

- Term Deposit Origination is now supported.
- User Interface is revamped completely for Savings Account, Current Account, and Loan Account Origination and Dashboards.
- Functionality is enhanced so that if the Overdraft Limit or Initial Funding is not selected for Savings Account and Current Account Origination, than the specific stages for Overdraft Limit and Initial Funding Stage will be skipped.
- Account Create, which was a manual stage for Savings and Current Account Origination, is now an automatic stage that triggers when in the Supervisor Approval Stage, User approve the Account. In addition, a new stage "Handoff Retry" is added to handle the error while submitting the account opening details to Host.
- Process Code Common Core is enhanced to include Phases. In addition, the Phases configured are available in the RPM Business Process Configuration.
- The following host related services are now integrated through OBRH:
  - Query Account Class
  - Get Account Class List
  - Query Loan Product
  - Get Product List
  - Get Loan Interest/Charges
  - Query CASA/TD Account
  - Create CASA/TD Account
  - Get CASA/TD Interest/Charges
  - Create Loan Account
  - Simulate Loan Account
  - Query Loan Account
- Post Offer Amendment is now supported during Loan Origination.

ORACLE

- The following integrations are now completed for OBDX:
  - ➢ OBDX Integration is completed for Savings Account, Current Account, Personal Loan, and Vehicle Loan.
  - ➢ Option is provided so that Application cancellation can be triggered from OBDX.
  - ➢ OBDX Save and Submit API are enhanced for Education Loan and Home Loan.

1.4.4 External credit approval handling through Java Rest API

- Existing External credit approval handling is converted java rest service which can be used by the external systems. Debit transactions from external system would be processed through ECA. An ECA block would be done for the debit transactions upfront. UNDO and Modify operations are supported on the ECA blocks

1.4.5 Relationship Pricing

- FCUBS RP module is enhanced to support pricing for external banking product processors like OBMA retail teller, OBMA IC, OBPM, OBCL, ELCM, OBTF, and OBTR. Following changes are done in RP to support pricing for external product processor.
  - ➢ External Pricing Component Definition (New entity)
  - ➢ External Data Elements Definition(EDE) (New entity)
  - ➢ User Data Elements based on EDE
  - ➢ Variance Rule to allow EDE
  - ➢ API to query price by external PPs (New API)

1.4.6 Dual Currency Deposit without Options Contract

- The dependency of Options Contract for Dual Currency Deposits has been diluted, now without option contract it is made possible to book dual currency deposit for better returns.

1.4.7 Integration with Oracle Banking Payments for Clearing transactions

- Integration of FCUBS with Oracle Banking Payments Product processor to support requirements of Clearing module used in TD(Term Deposit), PDC(Post Dated Cheque) and RB(Retail Bills) for Outward Clearing.

1.4.8 Services to support Oracle Banking Digital Experience queries

- OBDX integrates with FCUBS via Views for Query purpose, this is being remediated to use services from FCUBS.

1.4.9 Straight through processing of CAMT053

- FCUBS is enhanced to support STP for CAMT053 which is an Account Statement message. Like MT940, data from CAMT053 can be used for Nostro reconciliation.

1.4.10 Inactive Customer Status

- A new status of "Inactive" has been added at the Customer level. System will derive this status based on transactions and contracts for the Customer within specified time period. Customer status also can be re-activated by customer request. Report generation is supported.

ORACLE

1.4.11 <u>Bug/Defects addressed</u>

- Please refer to respective modules' (FLEXCUBE, Servicing Retail Operations and Retail Process Management) bug lists which has been appended with the new bugs for the overview of the bugs which were addressed part of this release.

ORACLE

2. Deprecated Features

- None

ORACLE

3. Components of the Software

There are no changes in section from Oracle FLEXCUBE Universal Banking 14.4.0.0.0

- For information on the Components of the Software, refer Oracle FLEXCUBE Universal Banking 14.4.0.0.0 release notes section 3.

ORACLE

4. Tech Stack

- For information on the Tech Stack, refer Oracle FLEXCUBE Universal Banking 14.4.0.0.0 release notes section 4.

ORACLE

5. Third Party Software Details

- For information on the third party software details, refer Oracle FLEXCUBE Universal Banking 14.4.0.0.0 License Guide

ORACLE