Biometric Integration User Guide

Oracle FLEXCUBE Universal Banking

Release 14.8.3.0.0

Part No. G61377-01

October 2026

ORACLE

Biometric Integration User Guide
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1. Oracle FCUBS - Biometric Integration

FLEXCUBE UBS branch module can be integrated with third party face recognition system. Use case supported is to alert relationship manager when an important customer enters the branch. System would also pop up a shortcut to the customer landing page of the walked in customer for quick access by the relationship manager.

This chapter contains the following sections:

- Section 1.1, "Scope"
- Section 1.2, "Prerequisite"
- Section 1.3, "Integration Process"

1.1 Scope

This section describes the scope of the integration with respect to FCUBS and Biometric System.

In FCUBS API is developed to be used by third party face recognition system to send Customer ID and Image details through Rest Services to FCUBS.

Mechanism to send a trigger/notification to specific RMs FCUBS application in the browser from AS. A Pop-up screen which displays customer details including image to RM.

Click on the popup screen takes the user to customer lending page, where the customer context is set and the user can perform various transactions for the customer.

1.2 Prerequisite

Set up Oracle FLEXCUBE Universal Banking Application and third party face recognition system.

1.3 Integration Process

This chapter contains the following sections:

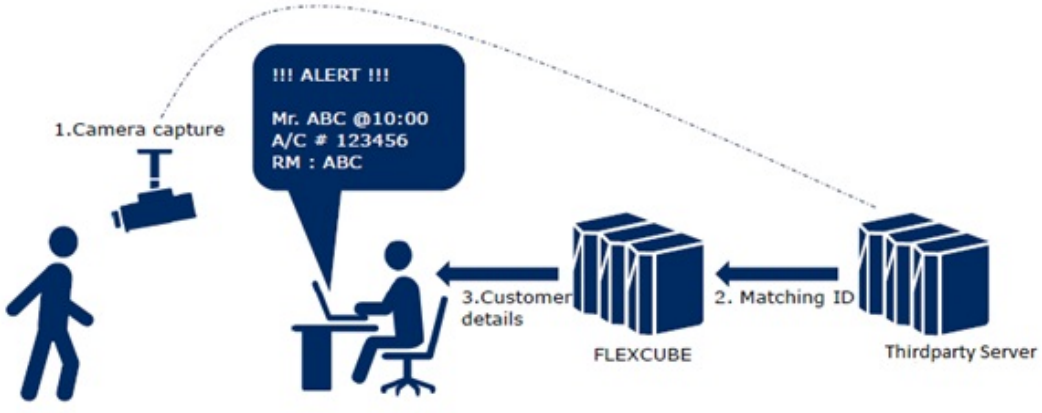
- Section 1.3.1, "Technical Flow"
- Section 1.3.2, "Technical Changes in FLEXCUBE UBS"

1.3.1 Technical Flow

Setup and population of data in third party face recognition system is outside the scope of this document.

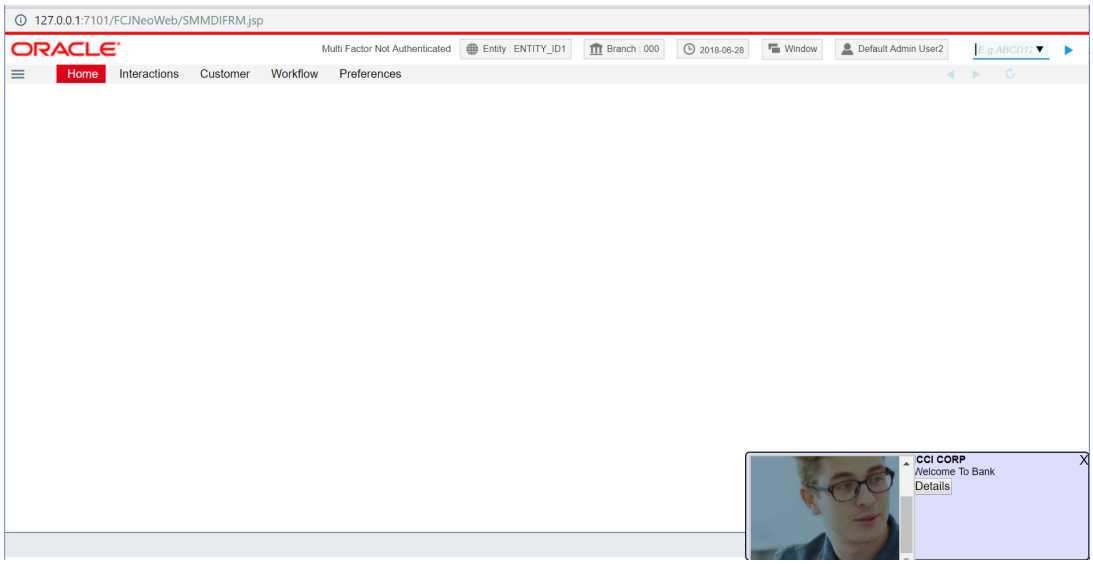
The integration flow in detail:

- Thirdparty Biometric server accepts the face and matches against the whitelist database.
- Once the match is found Thirdparty server sends the matching ID (customer number) and Image to FLEXCUBE
- FLEXCUBE fetches all the customer details (Customer Name, RM details) and shows the pop-up on the FLEXCUBE UBS screen of the relationship manager

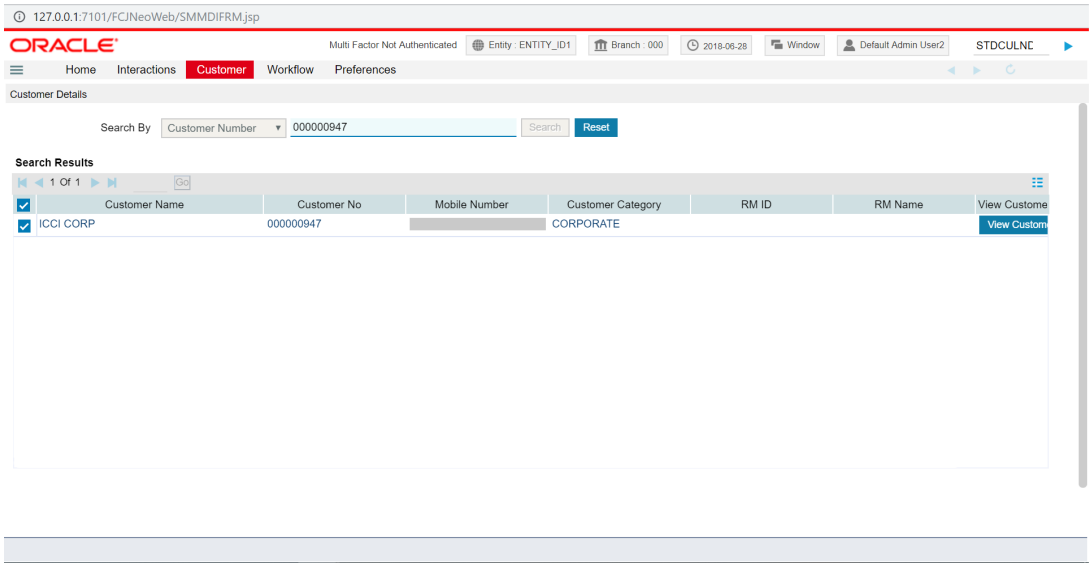


1.3.2 Technical Changes in FLEXCUBE UBS

- A RESTful Web Services developed and available in FLEXCUBE UBS as an API to Third-party.
- The Third-party software sends the customer id and image to the FLEXCUBE UBS application through the API.
- The Application retrieves the customer information from the database and sends a message via WebSocket channel.
- Pop up message display on Application based on the message received in WebSocket.



Above screen shows how the notification appear to Relationship manager whenever customer walks into branch.



Above screen displays when Relationship manager click on the details button on the popup.