

Oracle FLEXCUBE UBS - DAP Integration

## **Oracle FLEXCUBE Universal Banking**

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Oracle FLEXCUBE UBS - DAP Integration User Guide  
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# 1. Preface

## 1.1 Introduction

This manual is designed to help acquaint you with the interface between Oracle FLEXCUBE and the other systems within your bank.

This manual provides you extensive explanations about the various maintenances required for the smooth exchange of data between Oracle FLEXCUBE and the applicable systems through the interface. It also gives you an insight into the processes involved in the actual exchange of data.

## 1.2 Audience

This manual is intended for the following User/User Roles:

| Role                                    | Function                                                 |
|-----------------------------------------|----------------------------------------------------------|
| Back office data entry Clerks           | Input functions for maintenance related to the interface |
| End of day operators                    | Processing during end of day                             |
| Implementation Teams                    | For setting up integration                               |
| Product Managers                        | Product definition and authorization                     |
| Financial Controller / Product Managers | Generation of reports                                    |

## 1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.4 Organization

This chapter is organized into following chapters:

| Chapter          | Description                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chapter 1</b> | <i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.              |
| <b>Chapter 2</b> | <i>Oracle FCUBS - DAP Integration</i> explains the integration between Oracle FLEXCUBE Universal Banking and Direct Accounting Process. |

## 1.5 Acronyms and Abbreviations

| Abbreviation | Description                                                                                  |
|--------------|----------------------------------------------------------------------------------------------|
| System       | Unless and otherwise specified, it always refers to Oracle FLEXCUBE Universal Banking system |
| FCUBS        | Oracle FLEXCUBE Universal Banking System                                                     |
| DAP          | Direct Accounting Process                                                                    |
| GL           | General Ledger                                                                               |
| ISB GL       | Inter System Bridge General Ledger                                                           |

## 1.6 Glossary of Icons

This user manual may refer to all or some of the following icons.

| Icons                                                                               | Function    |
|-------------------------------------------------------------------------------------|-------------|
|    | Exit        |
|  | Add row     |
|  | Delete row  |
|  | Option List |

## 1.7 Related Information Sources

Along with this user manual you may also refer the following related resources:

- Oracle FLEXCUBE Universal Banking Installation Manual
- Generic Interface User Manual
- Procedures User Manual

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## 2. Oracle FCUBS - DAP Integration

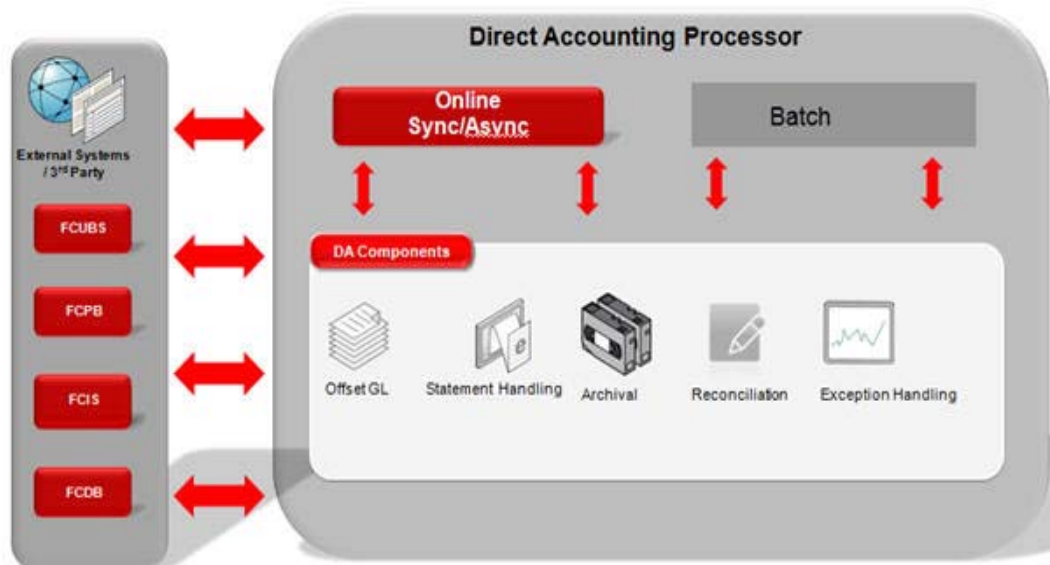
Oracle FLEXCUBE Universal Banking system contains an accounting processor which is a direct accounting engine that interfaces with multiple external systems, such as Oracle FLEXCUBE Investor Servicing, Oracle FLEXCUBE Private Banking, Oracle FLEXCUBE Direct Banking and so on. This facility supports both online and batch uploads and enables the financial institutions to post or reverse accounting entries to FCUBS.

This chapter contains the following sections:

- [Section 2.1, "Integration Architecture"](#)
- [Section 2.2, "Prerequisites"](#)

### 2.1 Integration Architecture

The following diagram provides information on the working of Direct Account Processing Interface.



FCUBS provides necessary APIs to the external system. The external system uses these APIs to post and reverse the entries in FCUBS. The two Oracle FLEXCUBE APIs that will be provided to the external system for posting and reversing accounting entries are:

- `ifpks_extsys_wrapper.pr_accentries_obj_handler`: To post accounting entries
- `ifpks_extsys_wrapper.pr_reverse_handler`: To reverse the accounting entries

### 2.2 Prerequisites

Set up Oracle FLEXCUBE Universal Banking Application. The access to post or reverse accounting entries is provided to users who can perform transactions in FCUBS.

*Refer the 'Oracle FLEXCUBE Universal Banking Installation' manual.*

This section contains the following topic:

- [Section 2.2.1, "Maintaining Integration Parameter"](#)
- [Section 2.2.2, "Maintaining ISB GL"](#)

## 2.2.1 Maintaining Integration Parameter

You can maintain the integration parameters by invoking the 'Integration Parameter Maintenance' screen. To invoke this screen type 'IFDINPRM' in the field at the top right corner of the Application tool bar and click the adjoining arrow button.

The screenshot shows the 'Integration Parameters Maintenance' window. It includes a 'New' button at the top left. The main area contains several input fields with descriptions: 'BranchCode \*', 'Description', 'External System \*', 'Description', 'Offset Transaction Code', 'Description', 'Offset Amount Tag', and 'Description'. To the right of these fields are four checkboxes: 'Amount Block Validation Required', 'Offset Required', 'Offset Netting Required', and 'Allow Force Post'. Below the input fields is a table with the following columns: 'Service Name', 'Communication Channel', 'Communication Mode', 'Communication Layer', 'WS Service Name', 'WS Port', 'WS EndPoint URL', and 'WS User'. The table contains one row with the following values: 'CUSTOM', 'SYNCHRONOUS', 'Application', and empty cells for the remaining columns. At the bottom of the window, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status'. There are also 'Ok' and 'Exit' buttons at the bottom right.

You can specify the following fields in this screen:

### Branch Code

Select the branch code for which the parameters are to be maintained from the adjoining option list.

### Description

A brief description of the branch code is displayed.

### External System

Select the external system for which the parameters are to be maintained, from the adjoining option list.

### Description

A brief description of the external system is displayed.

### Offset Transaction Code

Select a transaction code for the offset entry from the adjoining option list. The adjoining option list displays all valid transaction codes available in the system. You can select the appropriate one

### Offset Amount Tag

Select an amount tag for the offset entry from the adjoining option list. The adjoining option list displays all valid amount tag available in the system. You can select the appropriate one

### Amount Block Validation

Check this box to validate the amount block. If the amount block reference number is sent with the transaction details then the accounting will be invoked after the release of amount block.

### Offset Required

Check this box if an offset entry is required. If this box is checked, then ISB GL will be resolved based on branch, currency, function id and external system. If the check box is not checked, then it is expected that external system sends the balanced entry

### Offset Netting Required

Check this box if offset netting entry is required. If this box is checked, then the consolidated entries will be built. Offset amount tag will be picked from the maintenances. If this check box is not checked, then individual entries will be built.

### Allow Force Post

Check this box to suppress all the overrides after posting transactions.

## 2.2.2 Maintaining ISB GL

You can invoke the 'ISB GL Maintenance' screen by typing 'IFDISBGL' in the field at the top right corner of the application tool bar and by clicking the adjoining arrow button.

ISB GL Maintenance

New

External System \*  
Description

Module Id \*  
Description

Transaction Currency \*  
Description

Transaction Branch \*  
Description

Product Code \*  
Description

Function Id \*  
Description

ISB GL \*  
Description

Maker  
Checker

Date Time:  
Date Time:

Mod No

Record Status  
Authorization Status

Exit

You can specify the following field information in this screen. A brief description of each value updated in the fields appearing in this screen, is displayed by the system.

### External System

Select the external system from the adjoining option list.

### Module ID

Select a valid module code from the adjoining option list.

### Transaction Currency

Select a valid currency code from the adjoining option list.

### Transaction Branch

Select a valid transaction branch code from the adjoining option list

### Product Code

Select a valid product code from the adjoining option list.

### Function ID

Select a valid function ID from the adjoining option list.

### ISB GL

Select a leaf General Ledger from the adjoining option list.