Oracle Banking Trade Finance – Oracle Banking Treasury Integration User Guide

Oracle Banking Trade Finance

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Oracle Banking Trade Finance – Oracle Banking Treasury Integration User Guide

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1. Preface

This document helps you acquaint with the information on inter-connecting Oracle Banking Trade Finance (OBTF) with Oracle Banking Treasury (OBTR).

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in OBTF. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

1.1. <u>Audience</u>

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

1.2. <u>Documentation Accessibility</u>

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.

1.3. <u>Organization</u>

This chapter is organized into following chapters:

Chapter	Description
Chapter 1	*Preface* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	*Trade - OBTR Integration* explains the integration between Oracle Banking Trade Finance and Oracle Banking Treasury.
Chapter 3	*Function ID Glossary* provides has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.4. <u>Acronyms and Abbreviations</u>

Abbreviation	Description
ASYNC	Asynchronous
BC	Bills and Collections
EOD	End Of Day
FX	Foreign Exchange

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IB	Islamic Bills and Collections
LC	Letters Of Credit
LI	Islamic Letters Of Credit
OBTF	Oracle Banking Trade Finance
OBTR	Oracle Banking Treasury
SOAP	Simple Object Access Protocol
SYNC	Synchronous
URL	Uniform Resource Locator
WS	Web Service
WSDL	Web Service Description Language
XML	Extensible Markup Language

1.5. 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

1.6. Related Information Sources

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

- Oracle Banking Trade Finance Installation Manual
- Common Core - Core Entities and Services User Guide
- Core Services User Guide
- Bills and Collections User Manual
- Islamic Bills and Collections User Manual
- Letters of Credit User Manual
- Islamic Letter of Credit User Manual

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2. OBTF - OBTR Integration

The integration between OBTF and OBTR enables banks to do the following:

- FX interface has been provided to utilize FX rates from Treasury system (OBTR).
- Linkage of forward FX contracts for Bills and collection/Islamic Bills and collection during Collection, Purchase/Discount/Negotiation or Liquidation of export bill.
- Linkage of forward FX contracts for Letters of credit/ Islamic Letters of credit during initiation and amendment of import or export contract.

This chapter contains the following sections:

-

2.1 Scope

This section contains the following topic:

-

2.1.1 Integration Scope

The following are the integration scope of OBTF with OBTR:

- OBTF system initiates
  - Link/Utilization request to treasury system,
    - During linkage or utilization of FX contract at bills during purchase/negotiation/discount or liquidation of bills.
  - Link request to treasury system,
    - During linkage of FX, at bills contract initiation with operations other than purchase/negotiation/discount, whereas utilization of linked FX is applicable on liquidation of bill.
    - Creation or amendment of LC/LI contract for linked amount or difference in linked amount during amendment.
  - Delink request to treasury system,
    - Manual delink of FX at LC/LI/BC/IB
    - Reduction of LC contract amount on LC amendment or LC availment
    - During liquidation of bills, for unutilized linked FX.

2.2 Prerequisites

This section contains the following topics:
-

2.2.1 Prerequisites in Oracle Banking Trade Finance

The prerequisites in OBTF for this integration are as follows:

- You have to maintain the following details in 'Trade finance external service maintenance (IFDTFXSE) screen:

Field	Description
External System	Source code of external system e.g.: 'OBTR'
External User	User to be provided, this user should be present in OBTF and OBTR
Type	SOAP Request
Service Name	OBTRFXService
WS Endpoint URL	OBTR WSDL URL to be provided

> FX contracts are fetch from OBTR system and displayed in OBTF through External LOV and the External LOV and the External LOV is applicable to Web-logic. In order to fetch the details from OBTR, user has to maintain an active record in Integration Parameter Maintenance screen (IFDINPRM) with following details,

Field	Description
Branch Code	Branch Code to be provided, branch should be present in OBTF and OBTR.
External System	Source code of external system e.g.: 'OBTR'
External User	User to be provided, this user should be present in OBTF and OBTR.
Service Name	ExtLovService
Communication Channel	REST
Communication Mode	SYNCHRONOUS
Communication Layer	Application
Rest Service IP and Port	Should be 'OBTR' Application IP and Port.
Rest Service Pattern	LovService
Rest Service Context	FCJNeoWeb

2.2.2 Prerequisites in Oracle Banking Treasury

The prerequisites in Oracle Banking Treasury for this integration are as follows

> You have to maintain the following details in 'Upload Source maintenance' (CODSORCE) screen:

Field	Description
Source Code	Source code of external system e.g.: 'OBTF'

> You have to maintain the following details in 'Upload Source Preference maintenance' (CODUPLDM) screen:

Field	Description
Source Code	Source code of external system e.g.: 'OBTF'
Module Code	FX
On Error	Reject
On Override	Ignore
Status	Authorized

> ➢ You have to maintain the following details in 'External System maintenance' (GWDETFUN) screen:

Field	Description
External System	Source code of external system e.g.: 'OBTF'
Function	IFGFXCON
Service Name	OBTRFXService
Operation Code	CreateFXLink

2.3 Integration Process

This section contains the following topics:

2.3.1 Installation Modes

The following installation modes are described in the upcoming sections:
- SYNC Processing,

> ➢ Transactions initiated from online transaction screens, a request will be sent from OBTF to OBTR on accepting the overrides raised during save.
> ➢ The response received from the external system along with the errors are displayed to the user during the transaction for failure contracts.

Transaction Time Window SYNC
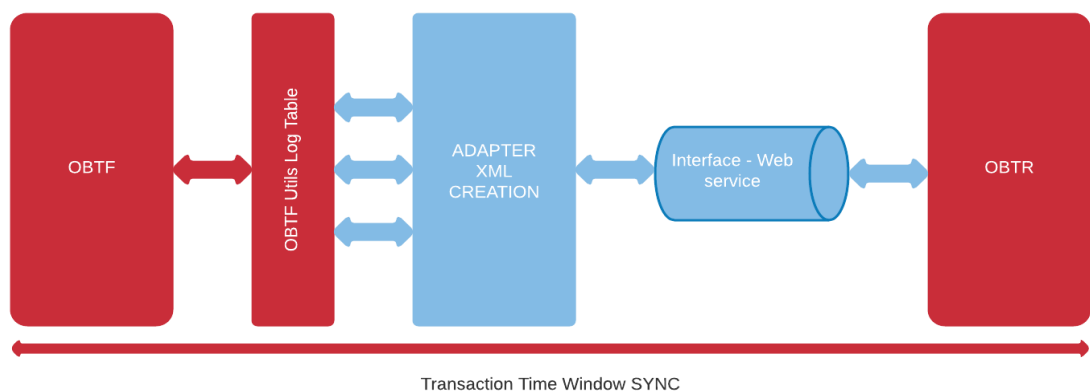
- ASYNC Processing,

> ➢ OBTF_EXT_ASYNCCALL **-** Scheduler for processing OBTR - FX external request during EOD processing and External Liquidation process**.**

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│      │  │ B   │  ←→    │ ADAPTER │        │Interface │        │      │
│ OBTF │←→│ T   │        │  XML    │        │  Queue   │        │ OBTR │
│      │  │ F   │  ←→    │CREATION │        │          │        │      │
│      │  │Utils│        │         │        │          │        │      │
│      │  │ Log │        │         │        │          │        │      │
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 ←──────────────────→                    Scheduler
 Transaction Time Window
        ASYNC
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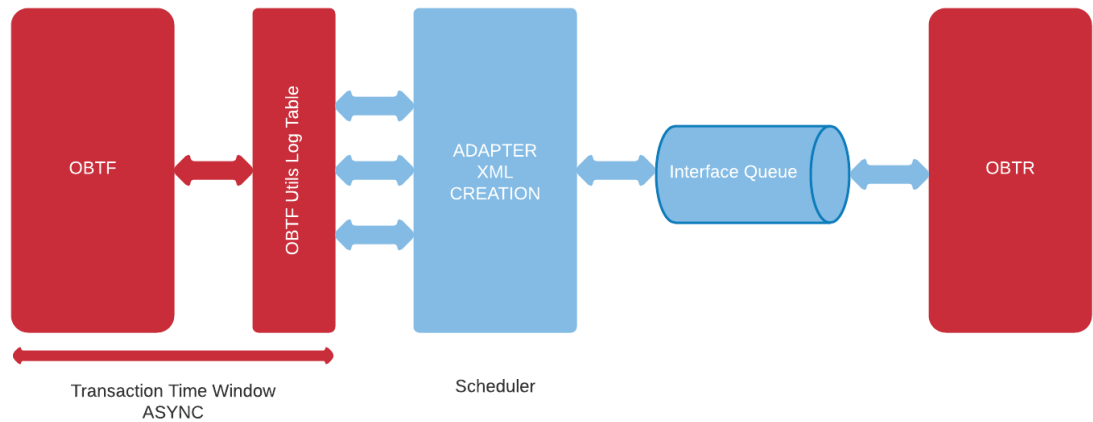
2.3.2 <u>Integration Processing</u>

- Forward FX linkage available for selection at bill would be as follows and on select system defaults date, available amount, bot currency, sold currency and rate.

  o Active Forward FX transactions authorized not marked for auto liquidation.

  o Counterparty of the FX contract should be the counterparty of the BC/LC contract

  o BC/LC contract currency should be BOT currency of the FX transaction in case of an export BC/LC or the SOLD currency in case of an Import BC/LC.

  o BC maturity date/LC expiry date should be greater than or equal to FX Value date

  o Available amount for linkage should be greater than Zero. Available amount will be FX contract amount minus the linked amount

  o Exchange rate defaulted from the linked FX

- Along with this user manual you may also refer the following related resource for detailed FX flow and related amount FX tags used:

  ➢ Bills and Collections User Guide – Section 'FX Linkage' and 'Accounting Entries and Advices'

  ➢ Islamic Bills and Collections User Guide – Section 'FX Linkage' and 'Accounting Entries and Advices'

  ➢ Letters of Credit User Guide – Section 'FX Linkage' and 'Accounting Entries and Advices'

  ➢ Islamic Letters of Credit User Guide – Section 'FX Linkage' and 'Accounting Entries and Advices'

3. Function ID Glossary