

Traded Securities

Oracle FLEXCUBE Private Banking

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1.1 Introduction

The objective of the current user manual is to give brief description of functions of Traded Securities Module. Traded Securities module comprises of the following investment products:

- Equity
- Bonds

This module has capabilities to input, track and maintain the transactions done for Equity and Bonds. This manual also includes Holdings overviews of the Equity and Bonds.

Flexcube Private Banking (FCPB) makes it possible to trade and process Equity and Bond transactions. FCPB provides all of the tools, required for purchase, sale and other transaction types for Equity and Bonds. Designed from inception as a global system, FCPB provides full multi currency capabilities.

Key Benefits

- Full support for multi-currency transactions
- Pre-trade compliance checking
- Electronic order routing and trade execution for Equity and Bonds
- Supports online review of transaction history

Understanding Transaction Management

RM has the option of creating multiple portfolios under the type "RM Managed, Self Managed, Discretionary and Held Away depending upon the setup done in Portfolio Type Master screen. Self Managed portfolio is intended to be managed by the customer independently; as an RM, you can create as well as transact on behalf of the customer in his/her 'Self Managed' portfolio. The Held Away portfolio facilitates in capturing the holdings which are held away from the bank. With the inclusion of held away assets the user can have a single consolidated view of customer's entire holdings.

The corporate action related data for the RM Managed and the Self Managed portfolios will be received as data imports from an external interface. Whenever a transaction is accounted in a 'Corpus portfolio' i.e. Discretionary portfolio and for an instrument other than 'Corpus', either through upload or data entry screen, system passes the corresponding contra entry against 'Corpus' instrument to adjust the corpus balance. This is explained in detail in [Transaction Management for Managed Accounts](#) section.

1.2 Scope

The intention of this User Manual is to provide a comprehensive guide to the RM, Admin or OPS. It can also be used as a trouble-shooting guide.

1.3 Audience

The potential readers of this document include but not limited to

1. The Relationship Manager, and other users of the system.
2. Top and middle management executives.
3. Developers, database designers of the system for their reference.

4. Product and Functional teams

1.4 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>.

1.5 Organization of the Document

The Manual is organized into the following six chapters:

Chapter 1	Introduction– Helps to understand the purpose and the scope of the document.
Chapter 2	Transaction Processing for Equity – Helps to understand the transaction processing for Equity.
Chapter 3	Transaction Processing for Bonds - Helps to understand the transaction processing for bonds.
Chapter 4	Bond Tenor Slab – Helps to understand classificaton of bond in tenor slab.
Chapter 5	Transaction Management for Managed Accounts – Helps to understand the corpus transaction processing..
Chapter 6	Transaction Search – Helps to understand the search for a customer transaction by using various parameters.
Chapter 7	Dual Currency Deposits - Helps to understand the maturity transaction for a dual currency deposit.

1.6 Conventions Used

This sub-section explains the conventions followed in the preparation of the manual.

Text	Description
Example	Illustration of the concept
Bold Letters	Command buttons or important text The command button titles appear as they appear on the screen.

2. Transaction Processing for Equity

2.1 Equity Transaction Management - Buy/Sell/Asset Transfer In/Asset Transfer Out

User Access levels:

RM can capture the equity holdings for the RM Managed, Self Managed, Discretionary or Heldaway based on the settings done in the Portfolio type screen.

Screen:

The screenshot displays the Oracle Flexcube Private Banking interface for Equity Transaction Management. The navigation bar includes Home, Customer, Financial Planning, Order Mgmt, Txn Mgmt, Portfolio, Operations, Reports, Tools, and My Workspace. The current path is Txn Mgmt > Equity. A warning message is displayed: "Please maintain FCUBS PortfolioID for the selected Customer." The main form is divided into several sections: Customer Details (Customer No: 1504004130, Portfolio Name: Select), Security Details (Security Name, Instrument Currency), Transaction Details (Transaction: Buy, Settlement Type: Receipt Free, Transaction Date, Quantity, Amount, Broker Commission, Security Fee, Counterparty Name, Description), and Account Details (Security Account). The form includes "Submit" and "Clear" buttons at the bottom.

Figure 2.1: Equity Transaction Capture Screen

Screen Navigation:

After logging in the system select Transaction Management → Equity

Rules for commencement of a Transaction:

- Transactions can be updated only for customers in active status.
- For capturing a transaction, the customer should have atleast one of the portfolios RM Managed, Self Managed or Heldaway Portfolio coupled to his ID. RM can capture Equity holdings for the selected portfolio.

Procedure for Placing of a Transaction:

Step 1:

If the user is navigating to the Transaction Capture screen for the first time after logging in to the system, the system forces to select a customer in the customer selection screen.

On the other hand, if the user is navigating to the screen from any other screen, the system auto-populates the name, no. and default portfolio name of the customer which is already in context.

Note

To change the customer, the user needs to click on the  icon located at the top right hand side corner of the screen.

Note

The Customer No and Customer Name fields are driven by the Field Access Controller.

Step 2:

RM – Subsequent to selecting the customer, the system will display all the portfolios associated to the customer in the field 'Portfolio Name'. It is mandatory for the RM to decide on the appropriate portfolio prior to placing the order.

Step 3:

The subsequent step is to capture the security details.

The user can select the security details by directly searching for the security. The security

search  button, displayed adjacent to the Security Name field, enables to search for the required security.

Note

The security search screen displays only securities which are in open status.

On picking a security through the search screen, the security name, instrument currency and settlement currency will be displayed in 'Security Name' and 'Instrument Currency', and 'Settlement Currency' fields respectively.

Note

The user can capture the purchases made through either an IPO offer in the primary market or purchases made in the secondary market.

Step 4:

The next step in capturing the transaction is to opt for a type of transaction. The user can place capture the buy/sell/Asset Transfer In and Asset Transfer Out transactions through this screen.

The Asset Transfer In (ATI) type of transaction allows the customer to transfer the securities to current wealth management system and reflect the holding in the active portfolio. On the other hand, Asset Transfer Out (ATO) enables the user to transfer the securities from current active portfolio to the desired depository. The ATI transaction is considered as Buy transaction whereas the ATO transaction is considered as Sell transaction.

Asset Transfer In and Asset Transfer Out transactions are not allowed in Discretionary type portfolios,

Step 5:

The user also needs to select the appropriate settlement type from the Settlement Type drop-down list. For Buy transactions, the system displays the settlement types as Receipt Free and Receipt Against Payment. For Sell transactions the settlement types are Delivery Free and Delivery versus Payment.

Step 6:

The user then proceeds to capture the transaction date. The calendar for selecting the date has been provided adjacent to 'Transaction Date' field. Click on the icon  , in order to open the calendar.

As these transactions have been carried out outside the FCPB system, the user has been provided with the flexibility to capture backdated transactions. Please note that there is no restriction on the time limit for backdating the transactions for the Held Away portfolio.

However in case of a sell transaction, the user is restricted from capturing the date of transaction as prior to the first purchase transaction date of the security.

Note

In case of back-dated transactions FCPB considers the FX rate based on transaction date and not the latest FX rate.

The system puts an additional check on the user from capturing a future transaction date.

Step 7:

Once the transaction date is entered, the user can enter the Settlement Date.

Step 8:

In the next step the user has to capture the quantity of holding. While there is no restriction on updating the information on a buy transaction, the sell transaction is restricted to the extent of balance quantity available for the security in the portfolio of the selected customer.

Please note that though these transactions are being captured for the holdings in a Held Away portfolio, all the holdings in the same equity security held in the same portfolio of a customer will be consolidated.

Step 9:

The next significant step is to capture the net purchase price of the holding. Please note that it is this price which will be considered for the purpose of analysis and performance computation and hence it is the responsibility of the user to enter the accurate value. This field too is mandatory for entry by the user.

Once the Quantity and Price is entered, the system calculates the total amount and displays it in the Amount field.

Step 10:

Enter the appropriate transaction fee in the Fees text box.

Step 11:

Enter the appropriate broker commission in the Broker Commission text box, if any.

Step 12:

The next field has been provided to capture the tax and other charges paid for obtaining the holding. Please note currently, these fields are currently not being utilized for any of the valuation, analysis or performance computations.

Note

If the Price to be adjusted field in Bank Parameters is set to Y then the fee, tax and brokerage on the transaction is adjusted in the price, hence the Original price and Original Amount field shows different values from Price and Amount. If it is set to N, Original price and Original Amount fields remains same as Amount and Price respectively.

Step 13:

Enter the appropriate fee in the Security Fee text box, if any.

Step 14:

Enter the rate in the Exchange Rate text box.

This field is enabled only if the instrument and settlement currency is different else it is defaulted with value 1.

Step 15:

Select the appropriate Counterparty name using the search icon.

Step 16:

Enter the appropriate ref no in the Counterparty Ref. No. text box.

Step 17:

Enter the order details if any, in the Description text box.

The user is allowed to enter the details upto 250 characters. If the entered details exceed 250 characters, system displays the message as 'Description cannot exceed 250 characters'.

Step 18:

Select the appropriate account from the Security Account drop-down list.

Note

The system defaults the account no. based on the flags selected at Instrument Type level. If the Demat option is selected, then the system displays Omnibus A/c or Client A/c or both in the Security Account field.

Step 19:

After entering all the fields in accordance to the outline given in the above steps, you can

proceed to click on the save  button. On saving the holding you will be displayed with a confirmation message on the screen.

If the user changes his/her decision on updating the holding, he/she has the option to clear the

entire details captured earlier by clicking on the  button.

System supports auto order refurbish whereby order level execution details along with statuses are updated as a result of transaction modification and/or deletion for Equity instrument type. Transaction modification may arise even after settlement due to any of the below mentioned reasons:

- Incorrect selection of customer while execution
- Incorrect execution details specified by Investment specialist/execution desk

- Incorrect confirmation given by third party like broker

So, order book refurbish is to be extended for transaction modification or deletion even after settlement.

If SETTLEMENT_FLAG = 'Y' for the transaction in PMS_TRANSACTION table, then

- For Deletion – Update settled amount to zero
- For Modification – Update modified amount as settled amount

System does not initiate order or exception approval for orders updated as part of refurbishment, since it is approved during initial order request. Amount block (modify or reversal) and online debit needs to be handled manually.

System generated transactions e.g. coupon, maturity, redemption are modified manually as a result of transaction modification/deletion.

2.2 Equity Transaction Management - Asset Transfer

Note

This functionality is not applicable for instrument types CASA, FNO, FX, Insurance, PMS and TD.

The transfer functionality enables the user to post Asset Transfer In (ATI)/ Asset Transfer Out (ATO) transactions for multiple holdings at from single screen. This functionality will also assist in transferring units/holdings even when the target customer is not part of the system. FCPB passes an ATO entry for the source customer, when target customer is not a part of FCPB system; thus reducing his holdings and the relevant impact. User can opt to transfer partial and /or all holdings for a Instrument and folio combination. However, the system posts single consolidated transaction for the transfer.

The system allows transfers in the below mentioned scenarios:

- Both Source and Target customers are within the system. So, ATI and ATO transactions are created.
- Source customer is within the system and Target customer is outside the system. So, ATO transactions are created.
- Target customer is within the system and Source customer is outside the system. So only ATI transactions are created

Note

if Target customer is in the system and Source customer is outside the system, then you must upload the ATI transactions using the generic file upload.

For unauthorized pending transfer request; no further action is allowed for the CPIS or CPI type. Hence, no transaction or orders gets processed for the source customer.

For the source customer if there are any open or unexecuted or unapproved transfer request then folio update or transaction file upload or portfolio transfer will get rejected.

Navigation

RM Login -> Transaction Management -> Asset Transfer

Screen:

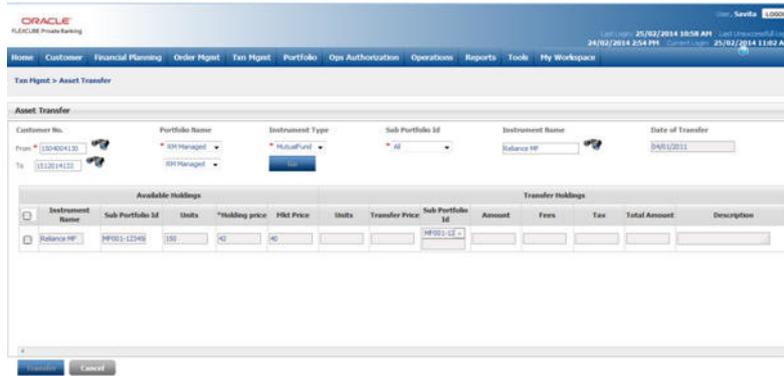


Figure 2.2: Asset Transfer Instrument Type Equity

Field	Description	Mandatory (Y/N)
From	Enables the user to select the source customer's external customer ID	Y
To	Enables the user to enter select the target customer's external customer ID Note: This field is not mandatory for ATO transactions.	
Portfolio Name	Enables the user to enter select the relevant source and target portfolio names for source and target customer from the adjoining drop down list.	Y
Instrument Type	Enables the user to enter select the instrument type from the adjoining drop down list	Y
Sub portfolio ID	Enables the user to enter select the Sub portfolio Id from the adjoining drop down list, based on the selected portfolio name and instrument type.	Y
Instrument Name	Enables the user to enter the name of instruments available for the customer, portfolio and sub portfolio.	
Date of Transfer	Displays the CBD (current business	Y

When user clicks 'Go' button, the records are fetched in the grid and user can select all or specific holdings for asset transfer.

Field	Description	Mandatory (Y/N)
Available Holdings This section represents the existing holdings of the source client.		
Instrument Name	Displays the instrument name.	Y

Field	Description	Mandatory (Y/N)
Sub Portfolio ID	Displays the sub portfolio IDs for the holding.	Y
Units	Displays available units.	Y
Holding Price	Displays holding price.	
Mkt price	Displays the last traded price.	Y
Transfer Holdings		
This section represents the fields applicable for transfer to the target customer.		
Units	Enables the user to enter the units needs to be transferred. Units cannot be greater than the available units.	Y
Transfer Price	Enables the user to enter the price at which the units/holdings should get transferred. This will be the transaction price for the ATI/ ATO transactions.	Y
Sub portfolio Id	Enables the user to select the sub portfolio ID, in which these units should get transferred.	Y
Amount	Display the (sum of units transferred * Transfer price) Amount gets displayed in instrument currency.	Y
Fees	Enables the user to enter fee amount. Fee gets charged in instrument currency.	N
Tax	Enables the user to enter the taxes applicable on fees.	N
Total Amount	Displays the total of amount, fee and taxes.	Y
Int. Paid/ Recd	Select 'Paid' or 'Received' from the adjoining drop down list. Select 'Paid', if interest is paid from source target. Select 'Received', if interest is received for source target.	N
Description	Enables the user to enter the transaction description.	N
Transfer	Enables the user to trigger the transfer process.	Y
Cancel	Enables the user to cancel,all the information in the grid.	N

2.3 Asset Transfer Request View

Navigation:

RM Login -> Transaction Management -> Asset Transfer Request View

Screen:

ORACLE
FLEXCUBE Private Banking

Home Customer Financial Planning Order Mgmt Txn Mgmt Portfolio Ops Authorization Operations Reports Tools My Workspace

Txn Mgmt > Asset Transfer Request View

Asset Transfer Request View

From Customer No. 1504004130 Portfolio Name RM Managed Instrument Type MutualFund
 To Customer No. 1512014133 Portfolio Name RM Managed Source Sub Portfolio ID MF001-123456
 From Date *04/01/2011 To Date *04/01/2011 Status ALL

Search Clear Print Report

Transfer Request No.	Source Customer	Target Customer	Source Sub Portfolio ID	Instrument Type	Transaction Date	Status	Maker Name	Checker Name	Action
1	1504004130	1512014133	MF001-123456	MF	04/01/2011	Pending Approval	Savita		View / Modify / Cancel

Figure 2.3: Asset Transfer Request View Screen

ORACLE
FLEXCUBE Private Banking

Home Customer Financial Planning Order Mgmt Txn Mgmt Portfolio Ops Authorization Operations Reports Tools My Workspace

Asset Transfer > View

Asset Transfer

Customer No. From 1504004130 Portfolio Name RM Managed Instrument Type MutualFund Sub Portfolio Id MF001-123456 Date of Transfer 04/01/2011
 To 1512014133 Portfolio Name RM Managed

Available Holdings					Transfer Holdings								
<input type="checkbox"/>	Instrument Name	Sub Portfolio Id	Units	Holding price	Mkt Price	Units	Transfer Price	Sub Portfolio Id	Amount	Fees	Tax	Total Amount	Description
<input checked="" type="checkbox"/>	Reliance MF	MF001-12345	150	42	40	150	40	MF001-12345	6000.0000	0	0	6000.0000	

* Price calculated using WAC

Comments

Reject Reason

Figure 2.4: Asset Transfer View Screen

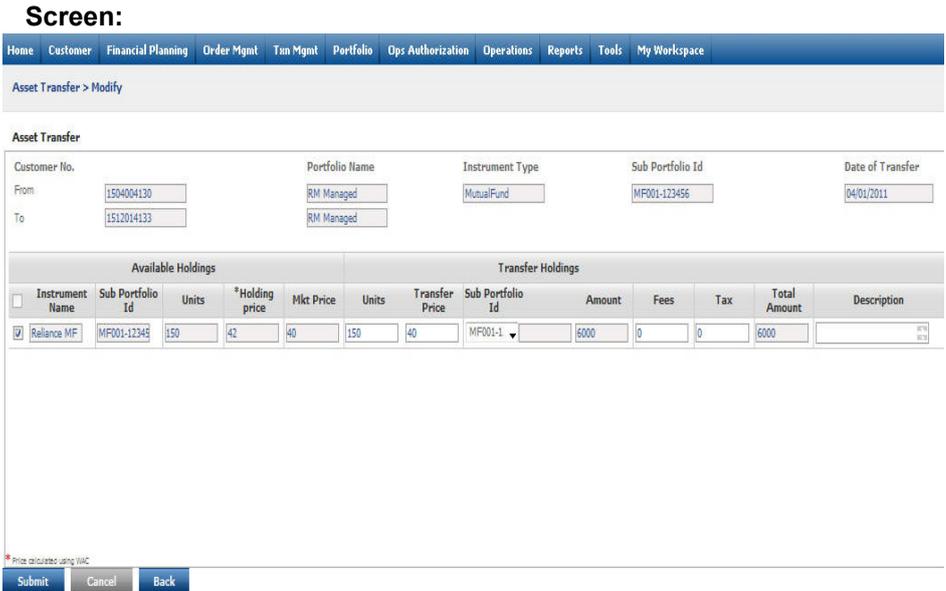


Figure 2.5: Asset Transfer Modify Screen

Screen:

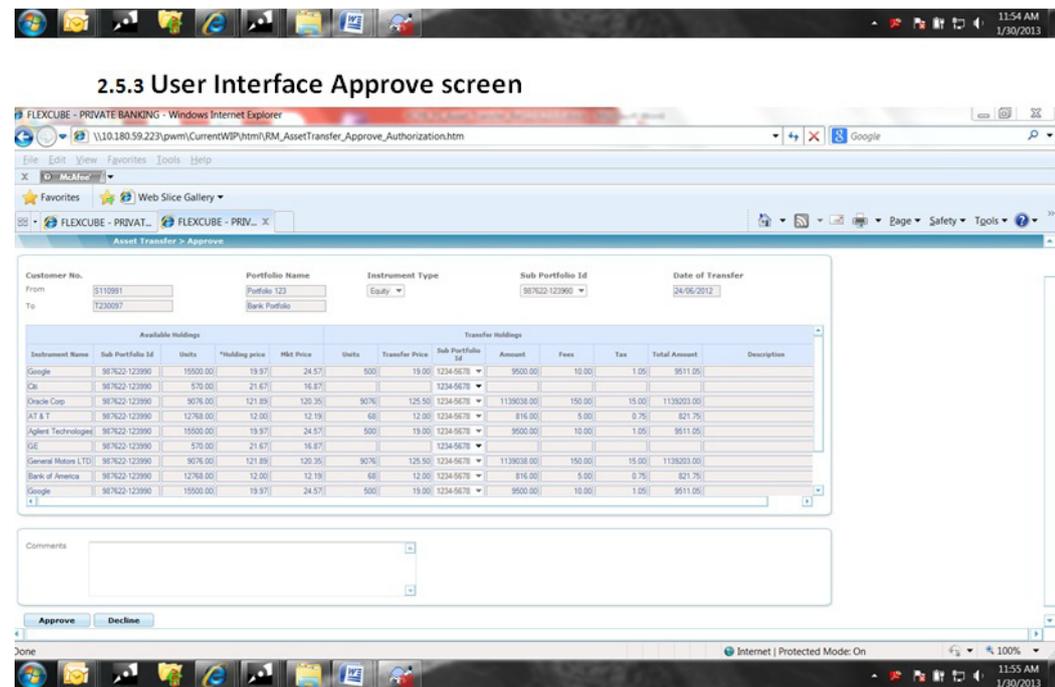


Figure 2.6: Asset Transfer Approve Screen

Screen:

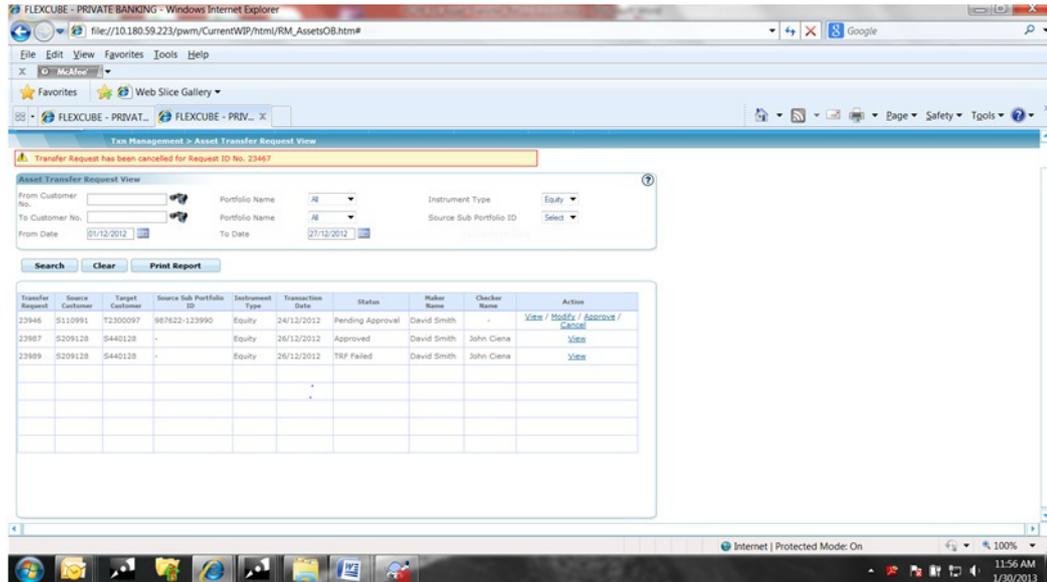


Figure 2.7: Asset Transfer Cancel Screen

Field Description:

Field	Description	Mandatory (Y/N)
From Customer No	Enables the user to enter the source customer's external ID.	Y
To Customer No	Enables the user to enter target customer's external ID.	
Portfolio Name	Enables the user to select the relevant portfolio names for source and target customer.	Y
Instrument Type	Enables the user to select the instrument type from the adjoining drop down list.	Y
Source Sub portfolio ID	Enables the user to select sub portfolio Id of source customer from the adjoining drop down list.	Y
Status	<p>Enables the user to select asset transfer record from the adjoining drop down list.</p> <p>The drop down list displays the following values:</p> <ul style="list-style-type: none"> • All • Approved • Cancelled • Declined • Pending Approval • Trf Failed • Trf Success 	

Field	Description	Mandatory (Y/N)
From Date	Enables the user to specify the start date on which the transfer request is created	
To Date	Enables the user to specify the end date on which the transfer request is created	

When user clicks on 'Search' button, system displays the records based on above selection.

When user clicks on 'Clear' button, system clear or reset the filters as they were at time of page load.

When user clicks on ' Print Report'button, system generated the report with updated status of records which qualify in the filters.

2.3.1 Processing logic for Asset Transfer and Request View

1. If there are any open orders, pending orders, pending transfer request etc. for the selected CPIS or CP and Instrument Type, then the system does not allow transfer and displays the error message as “Cannot allow transfer as there are either open orders or pending transfer request for the <<Client id>>; <<Portfolio Name>>; <<Instrument Name – Sub portfolio id or Instrument Type”
2. Maker of the request can initiate the transfer request only if rights are configured in the product access.
3. The Approve view is driven by the hierarchy access and action on the request is driven by the “Can Transfer” field and the approval field.
4. Click ‘Transfer’ button to approve the selected units to be transferred.
5. If both source and target customers are in the system, then for each instrument and sub portfolio, there should be an ATO transaction for source customer and ATI transaction for target customer.
6. If target customer is not in the system, then ATO transactions are passed for the Source customer
7. There is a value stored in the property file, beyond which the records are not displayed in the Maker screen.
8. While fetching the holdings; only the records, for which unit or nominal amount is greater than zero are fetched in maker screen.
9. The transaction date for ATI/ ATO is current business date.
10. The sale price for ATO and buy price for ATI is same as provided or saved by the user for ‘Transfer Price’.
11. In the checker/ approver view the transfer request can be approved, declined or modified based on the product access maintained. The attached excel explains the behavior of View or Modify links based on Product access fields.
12. In the Modified screen, if the records selected at time of request creation, the records are sorted in order of checked or selected and alphabetically. The records which were not selected at the time of request creation but part of the holdings are displayed after the selected records alphabetically.
13. Approval and Decline are for the whole set of holdings. All records within the transfer request that are sent in the set are either completely approved or declined.
14. There will be no partial approvals or declines.

15. In case of technical failure, the transfer request is incomplete for a record and the entire set is marked as failed. There cannot be a partial success or failure for a transfer request.
16. If transfer request is failed, the rejection request is stored and displayed in the Reject Reason box.
17. The transfer request number is stored, once the transactions are successfully posted. This number is stored for all transactions generated in for a specific transfer request. The user can modify the transfer request until the checker approves it. If the transfer request is declined, the maker or anyone else who has a right to modify is able to modify the request.
18. User can modify the transfer request until the checker approves it. If the transfer request is declined, the maker or any other user can modify the request.
19. User can only modify the data in transfer holdings section and can add holdings available for the CPIS or CPI TYPE, however will not be part of original transfer request, at the time of modification.
20. Approve screen displays only those records elected for transfer.
21. If the order is placed, once the approver declines the transfer request, then the user is not allowed to modify the transfer request and system displays the error message as “Cannot allow transfer as there are either open orders or pending transfer request for the <<Client id>>; <<Portfolio Name>>; <<Instrument Name – Sub portfolio ID or Instrument Type>>”
22. Transfer requests cannot be modified, once approved.
23. If the request is approved, but no further action is taken, then the View page displays the records with disabled fields.
24. If request is approved and successfully executed, the success status gets updated.
25. The transfer request has an audit trail.
26. The transfer request has status like Pending Approval, Approved, Declined, Trf Success, Trf failed.
27. Request under ‘Pending Approval’ status shows View, Approve, Modify and Cancel hyperlinks.
28. Request under ‘Approved’ status shows only View hyperlinks
29. Request under ‘Declined’ status shows View, Modify, Cancel hyperlinks.
30. Accrued custody fee is charged and fee transaction is posted for source customer, when an ATO transaction is passed for Bond’s holding.
31. When an ATO transaction is passed for Bond’s holding, accrued interest is reduced proportionately.
32. Interest transaction is passed for both the source and target customers for interest paid or received, provided by user. Wherein the bid ask indicator will be exactly opposite for each of the interest txns i.e., if the source customer is recipient of the interest then a interest txn will be passed with a bid ask indicator as ‘S’ and for target customer it will be with bid ask indicator as ‘B’
33. For bonds whether the transfer is allowed in Nominal amount or Quantity is driven by the field in ‘GIMS Quotation Method’.
34. The transferred quantity gets reduced from the source customers holdings or transactions.
35. Realized gains or loss calculation is driven by the field at Ref tran type table.
36. The units / holdings for which transfer request is submitted but not authorized, such transactions are not used for processing any other transactions.

37. User is not be allowed to provide any transaction for the CPIS or CPI type, when there is a pending transfer request. Once the CPI or CPIS is selected, the system displays the error message as, "Asset Transfer request pending for <<External customer id; Portfolio id; Instrument alt id ; Instrument Name ; Sub portfolio id / Instrument Type>>."

Note

This is applicable for both source customer ID and target customer ID, provided target customer is part of FCPB system.

38. On EOD, the RoR gets computed accurately for the existing holdings based on the ROR fields at transaction type, portfolio type.
39. System checks the current focussed or recommended list that is applicable to the target customer and then update the fields accordingly.
40. The system computes the FX rate as of the transaction date, if FX rate is required.
41. Loan or Collateral validations are not performed at time of transfer or authorization.
42. Report is available for asset transfer request, if required.
43. Amount instruments are not allowed for transfer.
44. User can stores the username,date and timestamp for asset transfer request cancellation.
45. Realized Gain/Loss Acquisition mode message gets displayed in Asset Transfer Screen

Note

The source customer and target customer attributes such as customer status, customer acquisition date etc does not get change at the time of transfer.

For pending transfer requests e.g. unauthorized transaction requests, no further action is allowed for the respective CPIS or CP I type. Thus no transactions are processed for the source customer.

2.3.2 **Reports**

This report helps to monitor the transfers and its process status. The report displays the records based on date filters; customer id, status etc.

Note

Date filter and status is mandatory to extract the report.

The report is available for 'Success' status; for all other status either the user can choose "All" or "Specific" status.

When the transfer request is successfully posted, the report shows the transaction IDs for the transactions. For interest transaction the interest amount paid or received is shown against source customer; however, the transaction ID of this interest transaction is not displayed.

Navigation

RM login -> Transaction Management> Asset Transfer Request View

Screen:

Asset Transfer Request View

From Customer No. Portfolio Name: Instrument Type:

To Customer No. Portfolio Name: Source Sub Portfolio ID:

From Date: To Date: Status:

Transfer Request No.	Source Customer	Target Customer	Source Sub Portfolio ID	Instrument Type	Transaction Date	Status	Maker Name	Checker Name	Action
1	1504004130	1512014133	MF001-123456	MF	04/01/2011	Pending Approval	Savita		View / Modify / Cancel

Figure 2.8: Asset Transfer Request View Report

Field Description

Field	Description	Mandatory Y/N
From Customer No	Displays the source customer number	N
To Customer No	Displays the target customer number	N
Portfolio Name	Displays the portfolio name	N
Instrument Type	Displays the type of instrument	N
Source Sub portfolio id	Displays the source sub portfolio	N
Status	Displays the status	Y
From Date	Displays the start date	Y
To Date	Displays the end date	Y

Report

Asset Transfer Request - Processed

Date of reporting : 27/12/2012
 From Date - 24/12/2012 To Date 27/12/2012
 Time of Reporting : 13:45

Source Customer							Target Customer Name														
Transfer Request #	Customer Name	Customer Id	Portfolio Name	Folio / Account No.	*Intrest	Recd / Paid	Tran Id	Customer Name	Customer Id	Portfolio Name	Folio / Account No.	Tran Id	Instrument Name	Qty	Nominal Amt	Transfer Price	Fee	Tax	Creation Date	Authroisati on Date	Instru ment Type
23467	David Huggins	S110991	Portfolio 123	987622-123990			65667	John Huggins	T230097	Bank Portfolio	1234-5678	65670	Google	500.00		19.00	100.00	1.05	24/06/2012	26/12/2012	Equity
23467	David Huggins	S110992	Portfolio 124	987622-123990			65668	John Huggins	T230098	Bank Portfolio	1234-5678	65671	Oracle Corp	9078.00		125.50	150.00	15.00	24/06/2012	26/12/2012	Equity
23467	David Huggins	S110993	Portfolio 125	987622-123990			65669	John Huggins	T230099	Bank Portfolio	1234-5678	65672	AT & T	68.00		12.00	5.00	0.75	24/06/2012	26/12/2012	Equity
23689	David Huggins	S1033	Retiremen t 101	444778-80615	2875.00	Paid	778907	Tom Scavo	S220991	College Fund	444778-80615	778911	Muni 5% June 2015	1500.00	687507.00	125.00	100.00	1.05	26/12/2012	26/12/2012	Bond
23689	David Huggins	S1033	Retiremen t 101	444778-80615	500.00	Receiv ed	778908	Tom Scavo	T230098	College Fund	444778-80615	778912	BNVAS 10% Series II	250.00	150000.00	275.00	150.00	15.00	26/12/2012	26/12/2012	Bond
23689	David Huggins	S1033	Retiremen t 101	444778-80615			778909	Tom Scavo	T230099	College Fund	444778-80615	778913	AT & T Series 4 - 11%	75.00	98900.00	0.00	0.00	0.00	26/12/2012	26/12/2012	Bond

Field Description:

Header Section:

Attribute	Description
Date of Reporting	The date on which the report is generated
From Date - To Date	The date range for which the report is generated
Time of Reporting	The time at which the report was done or generated

Body of the Report:

Field	Description
Source Customer	
Transfer Request #	The sequence number of the request
Customer Name	Name of the source customer
Customer Id	Id of the source customer.
Portfolio Name	Portfolio name from where the holdings are getting transferred
Folio / Account No.	The account number or folio number for which an ATO transaction needs to be passed
Tran Id	The transaction ID for the ATO's transactions passed for source customer
Target Customer	
Customer Name	Name of target customer
Customer Id	Id of the target customer

Field	Description
Portfolio Name	Portfolio name where the holdings are getting transferred
Folio / Account No.	The account number or folio number for which the ATI transaction needs to be passed
Tran Id	The transaction ID for the ATI's transactions passed for source customer
Creation Date	The date when the asset transfer request was first initiated
Authorization Date	The date when the asset transfer request was last authorized
Instrument Type	The instrument type for which the transfer is initiated
Qty	The units or qty getting transferred
Transfer Price	The transfer price entered at the time of transfer initiation
Recd/ Paid	Amount received or paid at the time of transfer initiation
Fee	Fee entered at the time of transfer initiation
Tax	Tax entered at the time of transfer initiation
Request Status	Status of the request, whether it has got processed or not

3. Transaction Processing for Bonds

Description:

A bond is a debt security. When a bond is purchased, the owner of the bond is lending money to a government, municipality, corporation, federal agency or other entity known as the issuer. In return for the loan, the issuer promises to pay the owner a specified rate of interest during the life of the bond and to repay the face value of the bond (the principal) when it “matures,” or comes due.

Features of Bonds

There are a number of key variables to look at when investing in bonds: the bond’s maturity, redemption features, credit quality, interest rate, price, yield and tax status

Nominal, Principal or Face Amount: the amount over which the issuer pays interest, and which has to be repaid at the end

Issue Price: the price at which investors buy the bonds when they are first issued. The net proceeds that the issuer receives are calculated as the issue price, less issuance fees, times the nominal amount

Coupon: the interest rate that the issuer pays to the bond holders. Usually this rate is fixed throughout the life of the bond. It can also vary with a money market index, or it can be even more exotic. The name coupon originates from the fact that in the past, physical bonds were issued with coupons attached to them. On coupon dates the bond holder would give the coupon to a bank in exchange for the interest payment

Types of Coupon: Bonds pay interest that can be fixed, floating or payable at maturity. Most debt securities carry an interest rate that stays fixed until maturity and is a percentage of the face (principal) amount. Typically, investors receive interest payments semiannually. For example, a \$1,000 bond with an 8% interest rate will pay investors \$80 a year, in payments of \$40 every six months. When the bond matures, investors receive the full face amount of the bond—\$1,000.

But some sellers and buyers of debt securities prefer having an interest rate that is adjustable, and more closely tracks prevailing market rates. The interest rate on a **floating rate** bond is reset periodically in line with changes in a base interest rate index, such as the rate on Treasury bills. Some bonds have no periodic interest payments. Instead, the investor receives one payment—at maturity—that is equal to the purchase price (principal) plus the total interest earned, compounded semiannually at the (original) interest rate. Known as **zero coupon** bonds, they are sold at a substantial discount from their face amount. For example, a bond with a face amount of \$20,000 maturing in 20 years might be purchased for about \$5,050. At the end of the 20 years, the investor will receive \$20,000. The difference between \$20,000 and \$5,050 represents the interest, based on an interest rate of 7%, which compounds automatically until the bond matures. If the bond is taxable, the interest is taxed as it accrues, even though it is not paid to the investor before maturity or redemption.

Maturity: A bond’s maturity refers to the specific future date on which the investor’s principal will be repaid. Bond maturities generally range from one day up to 30 years. In some cases, bonds have been issued for terms of up to 100 years. Maturity ranges are often categorized as follows:

- Short—term notes: maturities of up to five years;
- Intermediate notes/bonds: maturities of five to 12 years;
- Long—term bonds: maturities of 12 or more years.

Credit Ratings: Major rating agencies include Moody's Investors Service, Standard & Poor's Corporation and Fitch Ratings. Each of the agencies assigns its ratings based on in—depth analysis of the issuer's financial condition and management, economic and debt characteristics, and the specific revenue sources securing the bond. The highest ratings are AAA (S&P and Fitch Ratings) and Aaa (Moody's). Bonds rated in the BBB category or higher are considered investment—grade; securities with ratings in the BB category and below are considered “high yield,” or below investment—grade. While experience has shown that a diversified portfolio of high—yield bonds will, over the long run, have only a modest risk of default, it is extremely important to understand that, for any single bond, the high interest rate that generally accompanies a lower rating is a signal or warning of higher risk.

Understanding Transaction Management of Bonds

To reiterate, our earlier narrative, FCPB assists in maintenance of a full history of executed transactions even for those securities which were not transacted through FCPB. In this section, we will comprehend the transaction management for the Bond holdings.

All the transactions for the instruments defined under the category 'Bonds' can be captured by the user into any of the portfolios, 'RM Managed', 'Self Managed' and 'Held Away'. Though the Bond holdings have not been acquired through the FCPB, the consideration for allowing the user to capture his holdings in the RM Managed and Self Managed portfolios is due to the perception that these holdings could have been obtained through any other system within the bank.

FCPB currently supports transaction management for both the traded and non traded bonds. Currently FCPB does not aggregate multiple purchases made into the same holding in a bond in a selected portfolio by a customer. Due to this, any additional purchases need to be captured as separate security-holding or first time purchase.

To recap, for the traded bonds the market price for the holdings will be received as external feed from data vendors whereas for the non traded bonds the user needs to manually update the price for each holdings.

For the transactions defined under the instrument type 'Bonds' the user can capture only the Buy transaction related data through the Order Management screen and needs to capture the Sell transaction, Modify and the Corporate Action transactions through the Portfolio Maintenance screen.

As the transactions for the Bonds have been carried out outside the FCPB system, the user has been provided with the flexibility to capture backdated transactions. Currently, there is no restriction on the user in sequencing the backdated transactions. The system will automatically sequence the transactions as per the date of execution as entered by the user.

3.1 Bond Transaction Management – Buy/Sell/Asset Transfer In/Asset Transfer Out

User Access levels:

RM: can capture the transactions for the RM Managed, Self Managed and Held Away portfolios based on the settings done in portfolio type screen.

Screen:

Figure 3.1: Bond Transaction Management Screen

Screen Navigation:

After logging in the system select Transaction Management → Bonds

Rules for capturing a transaction:

- Transactions can be captured only for customers in active status.
- For capturing a transaction the customer should have at least one of the portfolios RM portfolio or Self Managed portfolio or Held Away portfolio coupled to his id.

Field	Description	Mandatory
Customer Details		
Customer No.	Enables the user to select the customer by clicking on the search icon available next to the Customer No field	Based on FAC
Customer Name	Displays the Customer Name for the selected Customer No	Based on FAC
Portfolio Name	Displays the list of the portfolio names for the customer	Y
Instrument Details		
Bond Name	Enables the user to select the appropriate bond name by clicking on the search icon available next to the Bond Name field.	Y

Field	Description	Mandatory
Instrument Currency	Displays the instrument currency for the selected bond name. Once the Bond Name is selected, system auto-populates this field.	Y
Settlement Currency	Displays the settlement currency for the selected bond name. Once the Bond Name is selected, system auto-populates this field.	
Acquisition Details		
Transaction Type	Enables the user to select the appropriate transaction type from the drop-down list. The transaction types available in the drop-down are Buy, Sell, Asset Transfer In and Asset Transfer Out.	Y
Settlement Type	Enables the user to select the appropriate settlement type from the drop-down list. For Buy transactions, the system displays the settlement types as Receipt Free and Receipt Against Payment. For Sell transactions, the settlement types are Delivery Free and Delivery versus Payment.	Y
Transaction Date	Enables the user to select the appropriate transaction date using the calendar icon	Y
Settlement Date	Enables the user to select the appropriate settlement date using the calendar icon. The settlement date cannot be less than transaction date, it can go beyond system date but it should be less than the maturity date.	Y
Units	Enables the user to enter the appropriate units for transaction	Y
Yield	Enables the user to enter the yield of the transaction	Y
Nominal Value	Enables the user to enter the nominal value of the bond in the text box provided.	
Net Trade Price	Enables the user to enter the appropriate net trade price per unit	Y
Amount	Displays the total amount of the transaction	Y
Fee	Enables the user to enter the transaction fee.	
Commission	Enables the user to enter the appropriate commission.	N
Tax & Other Charges	Enables the user to enter the amount paid as transaction tax	

Field	Description	Mandatory
Description	Enables the user to enter the transaction details if any, in the Description text box. It is a free text box and allows the user to enter maximum 250 characters.	N
Interest	Enables the user to select the appropriate option for interest from the drop-down list. If the transaction type is selected as BUY/ATO, default value will be 'Paid'. And if the transaction type is SELL/PUT/ATO, default will be 'Received'.	N
Exchange Rate	Enables the user to enter the appropriate value in the text box if the instrument currency and settlement currency is different.	Y
Cap Factor	Displays the cap factor value for selected instrument	Y
Counterparty Name	Enables the user to select the appropriate counterparty name who executes the order.	
Counterparty Ref. No.	Enables the user to enter the Counterparty Ref. No. in the text box provided. This is a reference number usually assigned by the external service provider.	
Security Account	Enables the user to select the appropriate Security Account from the drop-down list.	Y

Procedure for Capturing a Transaction:

Note

Bonds transaction capture screen computes the field level values based on whether the bond instrument selected is quoted in Percentage or Absolute.

Step 1:

RM – needs to foremost select the customer. This can be done, either by entering the

Customer No in the field provided or by clicking on the  button. Either of the options results in the display of the customer name in the 'Customer Name' field.

Note

The Customer No and Customer Name fields are driven by the Field Access Controller.

Step 2:

RM – Subsequent to selecting the customer, the system displays the 1st Portfolio name in alphabetical order of Portfolio type 'RM Managed'.

As there is no restriction on either of the users from updating the holdings in either the RM or customer created held away portfolios, all the portfolios created under the category of Held Away will be displayed to both the users.

Step 3:

The subsequent step is to select the Bond. The user can select the Bond either by directly entering the name of the bond or by searching for the bond by clicking the  button.

Note

The bond search screen displays only the schemes which are in open status.

On selecting the bond, the currency of the bond will be displayed in the corresponding field 'Instrument Currency' in the screen. The system also displays the Settlement currency, Cap Factor on selection of the scheme.

Note

Please note the system does not aggregate multiple purchases into the holding. Hence any additional purchases need to be captured as separate security-holding or first time purchase.

Step 4:

The type of transaction Buy/Sell/Asset Transfer In or Asset Transfer Out needs to be selected from the drop down list.

Step 5:

The user also needs to select the appropriate settlement type from the Settlement Type drop-down list. For Buy transactions, the system displays the settlement types as Receipt Free and Receipt Against Payment. For Sell transactions the settlement types are Delivery Free and Delivery versus Payment.

Step 6:

The user then proceeds to capture the purchase details of the holding. The first step in this process is to capture the date of purchase. The calendar for selecting the date has been

provided adjacent to 'Transaction Date' field. Click on the icon , in order to open the calendar.

As these transactions have been carried out outside the FCPB system, the user has been provided with the flexibility to capture backdated transactions. However this flexibility has a constraint associated to it for the RM and Self Managed portfolios. The transactions in these portfolios can be backdated maximum till the customer creation date. However, there is no restriction on the time limit for backdating the holdings for the Held Away portfolio.

The user is also restricted from capturing a future purchase date.

Step 7:

The user then proceeds to capture the settlement date. It is obligatory for the user to capture data in this field for all traded bonds. The calendar for selecting the date has been provided

adjacent to 'Settlement Date' field. Click on the icon  , in order to open the calendar.

The user will be restricted from backdating the settlement date prior to the purchase date.

Step 8:

The user then needs to enter the nominal value of the bond in the Nominal Value text box.

Step 9:

The next significant step is to capture the net purchase price per unit of the holding and no. of units. Please note that it is this price which will be considered for the purpose of analysis and performance computation and hence it is the onus of the user to enter the accurate value. This field too is mandatory for entry by the user.

Step 10:

The next three fields have been provided to capture the commission, transaction fee and tax paid for obtaining the holding.

Step 11:

Enter the interest amount if any in the Interest text box.

If Instrument Currency and Settlement Currency are different, system displays the appropriate exchange rate in the Exchange Rate text box.

Step 12:

Select the appropriate Counterparty Name using the search icon.

Step 13:

Enter the appropriate ref no in the Counterparty Ref. No. text box.

Step 14:

Enables the user to enter the transaction details, if any in the Description text box.

Step 15:

Enables the user to select the appropriate account from the Security Account drop-down list.

Note

The system defaults the Security Account no based on the Flags selected at Instrument Type level. If the Demat option is selected, then the system displays Omnibus A/c or Client A/c or both in the Security Account field.

Step 16:

After entering all the fields in accordance to the outline given in the above steps, the user can proceed to click on the save  button. On saving the holding, a confirmation message appears on the screen.

To clear the entire details captured earlier by clicking on the  button.

System supports auto order refurbish whereby order level execution details along with statuses are updated as a result of transaction modification and/or deletion for Bonds

instrument type. Transaction modification may arise even after settlement due to any of the below mentioned reasons:

- Incorrect selection of customer while execution
- Incorrect execution details specified by Investment specialist/execution desk
- Incorrect confirmation given by third party like broker

So, order book refurbish is to be extended for transaction modification or deletion even after settlement.

If SETTLEMENT_FLAG = 'Y' for the transaction in PMS_TRANSACTION table, then

- For Deletion – Update settled amount to zero
- For Modification – Update modified amount as settled amount

System does not initiate order or exception approval for orders updated as part of refurbishment, since it is approved during initial order request. Amount block (modify or reversal) and online debit needs to be handled manually.

System generated transactions e.g. coupon, maturity, redemption are modified manually as a result of transaction modification/deletion.

Processing Logic for Yield based Transaction Capture

- User is allowed to enter the value of Yield.
- The system does not compute the price or yield values. However, the system checks for Price and Yield combinations for supported Calculation Type and Day Convention. If there is a mismatch, then the system displays an error message as "Price & Yield are not in synch. Please check". If the Day Convention and Calculation Type of the bond is not supported, then the system does not display the error message.
- The System checks for trade-able bonds in terms of Yield or Price. If it is Yield based, then the Yield appears before Price and vice-versa.

3.2 Bonds Transaction Management - Asset Transfer

Note

This functionality is not applicable for instrument types CASA, FNO, FX, Insurance, PMS and TD.

The transfer functionality enables the user to post Asset Transfer In (ATI)/ Asset Transfer Out (ATO) transactions for multiple holdings at from single screen. This functionality will also assist in transferring units/holdings even when the target customer is not part of the system. FCPB passes an ATO entry for the source customer, when target customer is not a part of FCPB system; thus reducing his holdings and the relevant impact. User can opt to transfer partial and /or all holdings for a Instrument and folio combination. However, the system posts single consolidated transaction for the transfer.

The system allows transfers in the below mentioned scenarios:

- Both Source and Target customers are within the system. So, ATI and ATO transactions are created.
- Source customer is within the system and Target customer is outside the system. So, ATO transactions are created.
- Target customer is within the system and Source customer is outside the system. So only ATI transactions are created

Note

If Target customer is in the system and Source customer is outside the system, then you must upload the ATI transactions using the generic file upload.

For unauthorized pending transfer request; no further action is allowed for the CPIS or CPI type. Hence, no transaction or orders gets processed for the source customer.

For the source customer if there are any open or unexecuted or unapproved transfer request then folio update or transaction file upload or portfolio transfer will get rejected.

Navigation

RM Login -> Transaction Management -> Asset Transfer

Screen:

The screenshot displays the Oracle Flexcube Private Banking Asset Transfer screen. The browser window title is "FLEXCUBE - PRIVATE BANKING - Windows Internet Explorer". The URL is "http://110.180.59.223/gwmi/CurrentWIP/atoms/RM-EsateTransfer.htm". The page shows a navigation menu with options like Home, Customer, Financial Planning, Order Management, TXN Management, My Workspace, Reports, Tools, and Logout. The main content area is titled "Asset Transfer" and contains a form with the following fields:

- Customer No. (From: S110991, To: T230097)
- Portfolio Name (From: Portfolio 123, To: Risk Portfolio)
- Instrument Type (Bonds)
- Sub Portfolio Id (All)
- Instrument Name
- Date of Transfer (26/12/2012)

A "Go" button is located below the form fields. Below the form is a table titled "Available Holdings" with columns for Instrument Name, Sub Portfolio Id, Units, Holding Price, Nominal Amount, Hist Price, Units, Nominal Amount, Transfer Price, Sub Portfolio Id, Amount, Fees, Tax, Total Amount, Accrued Interest, and Int. Paid/Recd. The table contains two rows of data:

Instrument Name	Sub Portfolio Id	Units	Holding Price	Nominal Amount	Hist Price	Units	Nominal Amount	Transfer Price	Sub Portfolio Id	Amount	Fees	Tax	Total Amount	Accrued Interest	Int. Paid/Recd
SW Infra Bond	0091-22895467	15000.00	18.97	23787.00	24.57	500.00	8094.583333	18.00	1234-5678	9000.00	10.00	1.05	9511.05	510.00	Paid
Muni 5% Oct 2013	0091-22895467	570.00	21.67	7676.00	16.67	270.00	5000.00	22.00	1234-5678	5940.00	8.50	1.65	5950.15	485.00	Received

At the bottom of the screen, there are "Transfer" and "Cancel" buttons. The browser status bar shows "Statement | Document Monitor On" and a refresh icon.

Figure 3.2: Asset Transfer Instrument Type Bonds

Field	Description	Mandatory (Y/N)
From	Enables the user to select the source customer's external customer ID	Y
To	Enables the user to enter select the target customer's external customer ID Note: This field is not mandatory for ATO transactions.	
Portfolio Name	Enables the user to enter select the relevant source and target portfolio names for source and target customer from the adjoining drop down list.	Y
Instrument Type	Enables the user to enter select the instrument type from the adjoining drop down list	Y
Sub portfolio ID	Enables the user to enter select the Sub portfolio Id from the adjoining drop down list, based on the selected portfolio name and instrument type.	Y
Instrument Name	Enables the user to enter the name of instruments available for the customer, portfolio and sub portfolio.	
Date of Transfer	Displays the CBD (current business	Y

When user clicks 'Go' button, the records are fetched in the grid and user can select all or specific holdings for asset transfer.

Field	Description	Mandatory (Y/N)
Available Holdings		
This section represents the existing holdings of the source client.		
Instrument Name	Displays the instrument name.	Y
Sub Portfolio ID	Displays the sub portfolio IDs for the holding.	Y
Units	Displays available units.	Y
Holding Price	Displays holding price.	
Nominal Amount	Displays the nominal amount.	
Mkt price	Displays the last traded price.	Y
Transfer Holdings		
This section represents the fields applicable for transfer to the target customer.		

Field	Description	Mandatory (Y/N)
Units	Enables the user to enter the units needs to be transferred. If quotation method is Qty / unit based, user needs to enter the units. If the quotation method is Nominal amount, then units gets calculated based on nominal amount. Units cannot be greater than the available units.	Y
Nominal Amount	If quotation method is Qty / unit based, user needs to enter the units. If the quotation method is Nominal amount, then units gets calculated based on nominal amount..	
Transfer Price	Enables the user to enter the price at which the units/ holdings should get transferred. This will be the transaction price for the ATI/ ATO transactions.	Y
Sub portfolio Id	Enables the user to select the sub portfolio ID, in which these units should get transferred.	Y
Amount	Display the (sum of units transferred * Transfer price) Amount gets displayed in instrument currency.	Y
Fees	Enables the user to enter fee amount. Fee gets charged in instrument currency.	N
Tax	Enables the user to enter the taxes applicable on fees.	N
Total Amount	Displays the total of amount, fee and taxes.	Y
Accrued Interest	Enables the user to enter the accrued interest.	
Int. Paid/ Recd	Select 'Paid' or 'Received' from the adjoining drop down list. Select 'Paid', if interest is paid from source target. Select 'Received', if interest is received for source target.	N
Description	Enables the user to enter the transaction description.	N
Transfer	Enables the user to trigger the transfer process.	Y
Cancel	Enables the user to cancel, all the information in the grid.	N

3.3 Asset Transfer Request View

Navigation:

RM Login -> Transaction Management -> Asset Transfer Request View

Screen:

Txn Mgmt > Asset Transfer Request View

Asset Transfer Request View

From Customer No. Portfolio Name Instrument Type

To Customer No. Portfolio Name Source Sub Portfolio ID

From Date To Date Status

Transfer Request No.	Source Customer	Target Customer	Source Sub Portfolio ID	Instrument Type	Transaction Date	Status	Maker Name	Checker Name	Action
1	1504004130	1512014133	MF001-123456	MF	04/01/2011	Pending Approval	Savita		View / Modify / Cancel

Figure 3.3: Asset Transfer Request View Screen

Screen:

Asset Transfer > View

Asset Transfer

Customer No. From Portfolio Name Instrument Type Sub Portfolio Id

To Portfolio Name

Available Holdings					Transfer Holdings							
<input type="checkbox"/>	Instrument Name	Sub Portfolio Id	Units	*Holding price	Mkt Price	Units	Transfer Price	Sub Portfolio Id	Amount	Fees	Tax	Tc
<input checked="" type="checkbox"/>	Reliance MF	MF001-12345	150	42	40	150	40	MF001-12345	6000.0000	0	0	6

Figure 3.4: Asset Transfer View Screen

Screen:

Home Customer Financial Planning Order Mgmt Txn Mgmt Portfolio Ops Authorization Operations Reports Tools My Workspace

Asset Transfer > Modify

Asset Transfer

Customer No. From Portfolio Name Instrument Type Sub Portfolio Id

To Portfolio Name

Available Holdings					Transfer Holdings						
<input type="checkbox"/>	Instrument Name	Sub Portfolio Id	Units	*Holding price	Mkt Price	Units	Transfer Price	Sub Portfolio Id	Amount	Fees	Tax
<input checked="" type="checkbox"/>	Reliance MF	MF001-12345	150	42	40	150	40	MF001-1	6000	0	0

Figure 3.5: Asset Transfer Modify Screen

Screen:

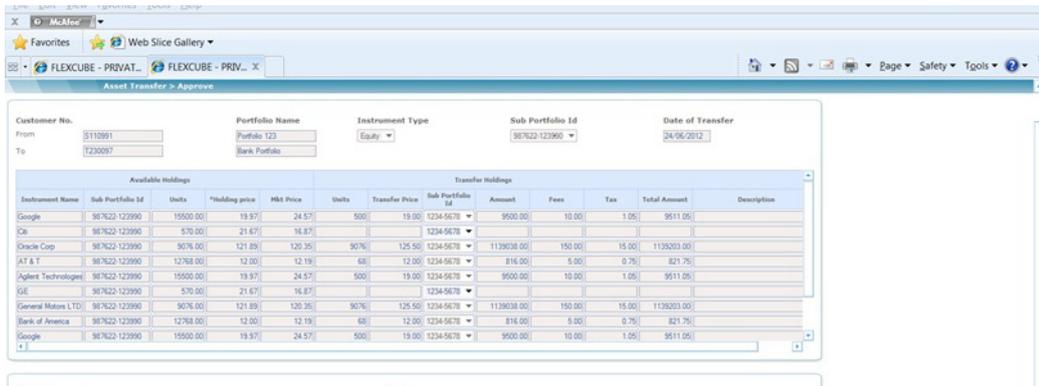


Figure 3.6: Asset Transfer Approve Screen

Screen:

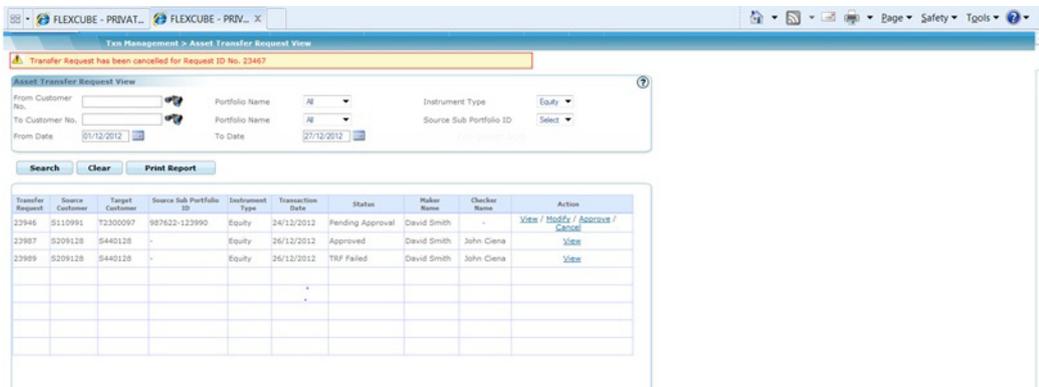


Figure 3.7: Asset Transfer Cancel Screen

Field Description

Field	Description	Mandatory (Y/N)
From Customer No	Enables the user to enter the source customer's external ID.	Y
To Customer No	Enables the user to enter target customer's external ID.	
Portfolio Name	Enables the user to select the relevant portfolio names for source and target customer.	Y
Instrument Type	Enables the user to select the instrument type from the adjoining drop down list.	Y
Source Sub portfolio ID	Enables the user to select sub portfolio Id of source customer from the adjoining drop down list.	Y

Field	Description	Mandatory (Y/N)
Status	<p>Enables the user to select asset transfer record from the adjoining drop down list.</p> <p>The drop down list displays the following values:</p> <ul style="list-style-type: none"> • All • Approved • Cancelled • Declined • Pending Approval • Trf Failed • Trf Success 	
From Date	Enables the user to specify the start date on which the transfer request is created	
To Date	Enables the user to specify the end date on which the transfer request is created	

When user clicks on 'Search' button, system displays the records based on above selection.

When user clicks on 'Clear' button, system clear or reset the filters as they were at time of page load.

When user clicks on ' Print Report'button, system generated the report with updated status of records which qualify in the filters.

3.3.1 **Processing logic for Asset Transfer and Request View**

1. If there are any open orders, pending orders, pending transfer request etc. for the selected CPIS or CP and Instrument Type, then the system does not allow transfer and displays the error message as “Cannot allow transfer as there are either open orders or pending transfer request for the <<Client id>>; <<Portfolio Name>>; <<Instrument Name – Sub portfolio id or Instrument Type”
2. Maker of the request can initiate the transfer request only if rights are configured in the product access.
3. The Approve view is driven by the hierarchy access and action on the request is driven by the “Can Transfer” field and the approval field.
4. Click ‘Transfer’ button to approve the selected units to be transferred.
5. If both source and target customers are in the system, then for each instrument and sub portfolio, there should be an ATO transaction for source customer and ATI transaction for target customer.
6. If target customer is not in the system, then ATO transactions are passed for the Source customer
7. There is a value stored in the property file, beyond which the records are not displayed in the Maker screen.
8. While fetching the holdings; only the records, for which unit or nominal amount is greater than zero are fetched in maker screen.
9. The transaction date for ATI/ ATO is current business date.

10. The sale price for ATO and buy price for ATI is same as provided or saved by the user for 'Transfer Price'.
11. In the checker/ approver view the transfer request can be approved, declined or modified based on the product access maintained. The attached excel explains the behavior of View or Modify links based on Product access fields.
12. In the Modified screen, if the records selected at time of request creation, the records are sorted in order of checked or selected and alphabetically. The records which were not selected at the time of request creation but part of the holdings are displayed after the selected records alphabetically.
13. Approval and Decline are for the whole set of holdings. All records within the transfer request that are sent in the set are either completely approved or declined.
14. There will be no partial approvals or declines.
15. In case of technical failure, the transfer request is incomplete for a record and the entire set is marked as failed. There cannot be a partial success or failure for a transfer request.
16. If transfer request is failed, the rejection request is stored and displayed in the Reject Reason box.
17. The transfer request number is stored, once the transactions are successfully posted. This number is stored for all transactions generated in for a specific transfer request. The user can modify the transfer request until the checker approves it. If the transfer request is declined, the maker or anyone else who has a right to modify is able to modify the request.
18. User can modify the transfer request until the checker approves it. If the transfer request is declined, the maker or any other user can modify the request.
19. User can only modify the data in transfer holdings section and can add holdings available for the CPIS or CPI TYPE, however will not be part of original transfer request, at the time of modification.
20. Approve screen displays only those records elected for transfer.
21. If the order is placed, once the approver declines the transfer request, then the user is not allowed to modify the transfer request and system displays the error message as "Cannot allow transfer as there are either open orders or pending transfer request for the <<Client id>>; <<Portfolio Name>>; <<Instrument Name – Sub portfolio ID or Instrument Type>>"
22. Transfer requests cannot be modified, once approved.
23. If the request is approved, but no further action is taken, then the View page displays the records with disabled fields.
24. If request is approved and successfully executed, the success status gets updated.
25. The transfer request has an audit trail.
26. The transfer request has status like Pending Approval, Approved, Declined, Trf Success, Trf failed.
27. Request under 'Pending Approval' status shows View, Approve, Modify and Cancel hyperlinks.
28. Request under 'Approved' status shows only View hyperlinks
29. Request under 'Declined' status shows View, Modify, Cancel hyperlinks.
30. Accrued custody fee is charged and fee transaction is posted for source customer, when an ATO transaction is passed for Bond's holding.
31. When an ATO transaction is passed for Bond's holding, accrued interest is reduced proportionately.

32. Interest transaction is passed for both the source and target customers for interest paid or received, provided by user. Wherein the bid ask indicator will be exactly opposite for each of the interest txns i.e., if the source customer is recipient of the interest then a interest txn will be passed with a bid ask indicator as 'S' and for target customer it will be with bid ask indicator as 'B'
33. For bonds whether the transfer is allowed in Nominal amount or Quantity is driven by the field in 'GIMS Quotation Method'.
34. The transferred quantity gets reduced from the source customers holdings or transactions.
35. Realized gains or loss calculation is driven by the field at Ref tran type table.
36. The units / holdings for which transfer request is submitted but not authorized, such transactions are not used for processing any other transactions.
37. User is not be allowed to provide any transaction for the CPIS or CPI type, when there is a pending transfer request. Once the CPI or CPIS is selected, the system displays the error message as, "Asset Transfer request pending for <<External customer id; Portfolio id; Instrument alt id ; Instrument Name ; Sub portfolio id / Instrument Type>>."

Note

This is applicable for both source customer ID and target customer ID, provided target customer is part of FCPB system.

38. On EOD, the RoR gets computed accurately for the existing holdings based on the ROR fields at transaction type, portfolio type.
39. System checks the current focussed or recommended list that is applicable to the target customer and then update the fields accordingly.
40. The system computes the FX rate as of the transaction date, if FX rate is required.
41. Loan or Collateral validations are not performed at time of transfer or authorization.
42. Report is available for asset transfer request, if required.
43. Amount instruments are not allowed for transfer.
44. User can stores the username,date and timestamp for asset transfer request cancellation.
45. Realized Gain/Loss Acquisition mode message gets displayed in Asset Transfer Screen

Note

The source customer and target customer attributes such as customer status, customer acquisition date etc does not get change at the time of transfer.

For pending transfer requests e.g. unauthorized transaction requests, no further action is allowed for the respective CPIS or CP I type. Thus no transactions are processed for the source customer.

3.3.2 Reports

This report helps to monitor the transfers and its process status. The report displays the records based on date filters; customer id, status etc.

Note

Date filter and status is mandatory to extract the report.

The report is available for 'Success' status; for all other status either the user can choose "All" or "Specific" status.

When the transfer request is successfully posted, the report shows the transaction IDs for the transactions. For interest transaction the interest amount paid or received is shown against source customer; however, the transaction ID of this interest transaction is not displayed.

Navigation

RM login -> Transaction Management> Asset Transfer Request View

Screen:

Asset Transfer

Customer No. From: 1504004130 To: 1512014133

Portfolio Name: RM Managed

Instrument Type: MutualFund

Sub Portfolio Id: MF001-123456

Available Holdings						Trans				
<input type="checkbox"/>	Instrument Name	Sub Portfolio Id	Units	*Holding price	Mkt Price	Units	Transfer Price	Sub Portfolio Id	Amount	F
<input checked="" type="checkbox"/>	Reliance MF	MF001-12345	150	42	40	150	40	MF001-12345	6000.0000	0

Figure 3.8: Asset Transfer Request View Report

Field Description

Field	Description	Mandatory Y/N
From Customer No	Displays the source customer number	N
To Customer No	Displays the target customer number	N
Portfolio Name	Displays the portfolio name	N
Instrument Type	Displays the type of instrument	N
Source Sub portfolio id	Displays the source sub portfolio	N

Field	Description	Mandatory Y/N
Status	Displays the status	Y
From Date	Displays the start date	Y
To Date	Displays the end date	Y

Report

Asset Transfer Request - Processed

Date of reporting : 27/12/2012
From Date : 24/12/2012 To Date 27/12/2012
Time of Reporting : 13.45

Source Customer						Target Customer Name															
Transfer Request #	Customer Name	Customer Id	Portfolio Name	Folio / Account No.	*Interest	Recd / Paid	Tran Id	Customer Name	Customer Id	Portfolio Name	Folio / Account No.	Tran Id	Instrument Name	Qty	Nominal Amt	Transfer Price	Fee	Tax	Creation Date	Authroisati on Date	Instru ment Type
23467	David Huggins	S110991	Portfolio 123	987622-123990			65667	John Huggins	T230097	Bank Portfolio	1234-5678	65670	Google	500.00		19.00	100.00	1.05	24/06/2012	26/12/2012	Equity
23467	David Huggins	S110992	Portfolio 124	987622-123990			65668	John Huggins	T230098	Bank Portfolio	1234-5678	65671	Oracle Corp	9076.00		125.50	150.00	15.00	24/06/2012	26/12/2012	Equity
23467	David Huggins	S110993	Portfolio 125	987622-123990			65669	John Huggins	T230099	Bank Portfolio	1234-5678	65672	AT & T	68.00		12.00	5.00	0.75	24/06/2012	26/12/2012	Equity
23689	David Huggins	S1033	Retiremen t 101	444778-80615	2875.00	Paid	778907	Tom Scavo	S220991	College Fund	444778-80615	778911	Muni 5% June 2015	1500.00	687507.00	125.00	100.00	1.05	26/12/2012	26/12/2012	Bond
23689	David Huggins	S1033	Retiremen t 101	444778-80615	500.00	Receiv ed	778908	Tom Scavo	T230098	College Fund	444778-80615	778912	BNYAS 10% Series 4 -	250.00	150000.00	275.00	150.00	15.00	26/12/2012	26/12/2012	Bond
23689	David Huggins	S1033	Retiremen t 101	444778-80615			778909	Tom Scavo	T230099	College Fund	444778-80615	778913	AT & T Series 4 - 11%	75.00	98900.00	0.00	0.00	0.00	26/12/2012	26/12/2012	Bond

Field Description:

Header Section:

Attribute	Description
Date of Reporting	The date on which the report is generated
From Date - To Date	The date range for which the report is generated
Time of Reporting	The time at which the report was done or generated

Body of the Report:

Field	Description
Source Customer	
Transfer Request #	The sequence number of the request
Customer Name	Name of the source customer
Customer Id	Id of the source customer.
Portfolio Name	Portfolio name from where the holdings are getting transferred

Field	Description
Folio / Account No.	The account number or folio number for which an ATO transaction needs to be passed
Tran Id	The transaction ID for the ATO's transactions passed for source customer
Target Customer	
Customer Name	Name of target customer
Customer Id	Id of the target customer
Portfolio Name	Portfolio name where the holdings are getting transferred
Folio / Account No.	The account number or folio number for which the ATI transaction needs to be passed
Tran Id	The transaction ID for the ATI's transactions passed for source customer
Creation Date	The date when the asset transfer request was first initiated
Authorization Date	The date when the asset transfer request was last authorized
Instrument Type	The instrument type for which the transfer is initiated
Qty	The units or qty getting transferred
Transfer Price	The transfer price entered at the time of transfer initiation
Accrued Interest	The price entered at the time of transfer initiation
Recd/ Paid	Amount received or paid at the time of transfer initiation
Fee	Fee entered at the time of transfer initiation
Tax	Tax entered at the time of transfer initiation
Request Status	Status of the request, whether it has got processed or not

4. Bond Tenor Slab

Description:

FCPB maintains the residual tenor of the instruments of type 'Bond' for use in the credit risk dynamics section in the customer portfolio reports. FCPB needs to classify the bond in the appropriate Tenor slabs while plotting the graph of Tenor Versus Risk Rating in the report.

During Report generation of Detailed reports, in the Credit / Risk Dynamics graph the bond will be classified in the tenor slab based on the residual maturity in months from current date to bond maturity date.

User Access levels:

Administrator: only the person designated as an administrator of the system having appropriate privileges can access and maintain this table

Screen:

View	Tenor Description	Lower Band(Months)	Higher Band (Months)
<input type="radio"/>	0 to 3 Years	36	0
<input type="radio"/>	3 to 5 Years	60	37
<input type="radio"/>	More than 5 Years	999	61

Tenor Description *

Lower Band * Months Higher Band * Months

Figure 4.1: Bond Tenor Slab Screen

Screen Navigation: After you login as an Admin, select Master → Bank Related → Bond Tenor Slab from the top menu.

The fields have been briefly described below:

Field	Description	Mandatory (Y/N)
Tenor Description	The description of the Band	Y
Lower Band(Months)	Lower limit of Band	Y
Higher Band(Months)	Higher limit of Band	Y

Procedure to Set Bond Tenor Slab:

Step 1:

Enter the appropriate description in the Tenor Description text box.

Step 2:

Enter the appropriate value in the Lower Band text box.

Step 3:

Enter the appropriate value in the Higher Band text box.

Step 4:

Click the Add button.

Screen:

ORACLE
FLEXCUBE Private Banking

Home EOD Customer Ops Master Master User Admin Authorization Reports My Workspace

Master > Bank Related > Bond Tenor Slab

View	Tenor Description	Lower Band(Months)	Higher Band (Months)
<input checked="" type="radio"/>	0 to 3 Years	36	0
<input type="radio"/>	3 to 5 Years	60	37
<input type="radio"/>	More than 5 Years	999	61

Tenor Description *0 to 3 Years
Lower Band *36 Months Higher Band *0 Months

Save Add Modify Clear Delete

Figure 4.2: Bond Tenor Slab Screen with Data

The user can add and modify the details in the Bond Tenor screen by using Add/Modify buttons as explained in General Characteristics section of the Base Module User Manual. The new added or modified details are then sent for authorization.

To access any other screens please use the top horizontal menu bar.

5. Transaction Management for Managed Accounts

Description:

The term corpus refers to the quantum of money actually brought in or taken out from the portfolio by the client excluding any realized P/L. It can be in the form of cash or stock. The corpus differs from the total investments made by the client in a way that it excludes the investments made by utilizing the money already there in the portfolio either by switching or by investing the realized P/L. All the corpus transactions are made through the discretionary portfolios.

5.1 Corpus Transaction Processing

User Access levels:

RM: can capture the transactions in discretionary portfolios.

Screen:

The screenshot displays the Oracle Flexcube Private Banking interface for the 'Managed Accounts' screen. The top navigation bar includes 'Home', 'Customer', 'Financial Planning', 'Order Mgmt', 'Txn Mgmt', 'Portfolio', 'Operations', 'Reports', 'Tools', and 'My Workspace'. The current path is 'Txn Mgmt > Managed Accounts'. A yellow warning banner states 'Customer does not hold any discretionary portfolio'. The main form is divided into two sections: 'Customer Details' and 'Transaction Details'. The 'Customer Details' section includes fields for Customer No (1504004130), Customer Name, Portfolio Name, Currency, Corpus, Market Value, Inflows, and Outflows. The 'Transaction Details' section includes fields for Date, Transaction Type, Amount, and Remarks. At the bottom of the form are 'Save' and 'Clear' buttons.

Figure 5.1: Managed Accounts Screen

Screen Navigation:

After logging in the system as RM select Txn Management → Managed Accounts.

Rules for capturing a transaction:

- Transactions can be captured only for customers in active status.

- For capturing a transaction the customer should have at least one of the Discretionary Portfolio coupled to his/her id.

Field	Description	Mandatory
Customer Details		
Customer No	Enables the user to select the customer no. by clicking on the search icon	Y
Customer Name	Displays the customer no. once the user selects the Customer Name.	Y
Portfolio Name	Enables the user to select the appropriate discretionary portfolio from the drop-down list. The drop-down list displays all the portfolios of discretionary type as the corpus transactions are placed only for the Discretionary Portfolio. If the selected customer does not hold any discretionary portfolio then system displays the appropriate message.	Y
Currency	Displays the portfolio currency	Y
Corpus	Displays the existing corpus amount in the selected portfolio in portfolio currency.	Y
Market Value	Displays the market value of the selected portfolio in portfolio currency	Y
Inflows	Displays the total inflows of the selected portfolio in portfolio currency	Y
Outflows	Displays the total outflows of the selected portfolio in portfolio currency	Y
Realized Profit/Loss	Displays the total realized profit & loss of the selected portfolio in portfolio currency	Y
Transaction Details		
Date	Enables the user to select the appropriate transaction date	Y
Transaction Type	Enables the user to select the appropriate transaction type from the drop-down list	Y
Amount	Enables the user to enter appropriate amount in the text box	Y
Remarks	Enables the user to enter the remarks, if any.	N

Procedure to place the Corpus Transaction:

Step 1:

If the user is navigating to this screen immediately after logging in to the system, the system forces to select a customer in the customer selection screen.

On the other hand, if the user is navigating to the screen from any other screen, the system auto-populates the name, no. and default portfolio name of the customer which is already in context.

Note

To change the customer, the user needs to click on the  icon located at the top right hand side corner of the screen.

Step 2:

Select the appropriate portfolio name from the Portfolio Name drop-down list.

For the very first corpus transaction, the system displays the blank text boxes for Corpus, Market Value, Inflows, Outflows, and Realized Profit/Loss fields.

For the subsequent transactions, the system displays the corresponding existing values in these fields.

Step 3:

Select the appropriate transaction date using the calendar icon.

The system enables the user place the backdated corpus transactions. At the same time system also ensures that the new back-dated transaction prior to the first corpus-in transaction is of the type corpus-in.

For any other back-dated transaction which is accounted after the first corpus-in transaction system first checks whether sufficient corpus is available as on date (in case of Instrument buy transaction or corpus-out transaction) and if not then rejects transaction and displays the message as 'Insufficient corpus to account this transaction.'

Step 4:

Select the appropriate transaction type from the Transaction Type drop-down list.

Step 5:

Enables the user to enter the appropriate amount in the Amount field.

Step 6:

Enables the user to enter the remarks if any in the Remarks text field..

Step 7:

Click the  button.

Note

Whenever any transaction is accounted in a 'Corpus portfolio' and for an instrument other than 'Corpus', either through upload or data entry screen, system passes a corresponding contra entry against 'Corpus' instrument and is displayed in Transaction Search screen.

6. Transaction Search

The Transaction Search category under the Transaction Management is used by the user to search for the customer transaction by using various parameters. He can also modify or delete the transaction by selecting the transaction and then applying the appropriate action.

User Access levels:

RM: Only the RM with appropriate privileges can modify or delete the transaction.

Screen:.

Figure 6.1: Transaction Search Screen

Screen Navigation:

After logging in the system select Transaction Management → Transaction Search

Field	Description	Mandatory
Customer No	Enables the user to select the customer by clicking on the search icon available next to the Customer No field	Y
Portfolio Name	Enables the user to select the appropriate portfolio name from the drop-down list.	N
Instrument Type	Enables the user to select the appropriate instrument type from the drop-down list	N
Instrument	Enables the user to select the appropriate Instrument by clicking on the search icon available next to the Instrument field	
Folio / Account No	Enables the user to select the appropriate Tax A/c Identifier. This field is enabled only if the selected Instrument Type is Equity or MF	
Status	Enables the user to select the appropriate status from the drop-down list	
Country of Market	Enables the user to select the appropriate Country of Market using Search icon to search for the desired transactions. If selected, the system displays the transactions for the selected country only.	N

Field	Description	Mandatory
Settlement Status	Enables the user to select the appropriate Settlement Status to search for the desired transactions.	N
Transaction Date From	Enables the user to select the appropriate From transaction date using the calendar icon	
Transaction Date To	Enables the user to select the appropriate To transaction date using the calendar icon	
Transaction Type	Enables the user to select the appropriate transaction type from the drop-down list. The system auto-populates the 'Put' option in the drop-down list, if the selected instrument is 'Puttable' or 'Callable/Putable'.	
Transaction Amount	Displays the transaction amount	
Fee Amount	Displays the fee amount for the corresponding transaction	
Transaction Date	Displays the transaction date of the corresponding transaction	
Status	Displays the status of the corresponding transaction	
Maker Name	Displays the Maker Name	
Action	Displays the group of actions available to be performed on the corresponding transaction	

Procedure to Modify the Transaction:

Step 1:

RM – needs to foremost select the customer. This can be done, either by entering the Customer No in the field provided or by clicking on the  button.

Step 2:

RM – Subsequent to selecting the Customer No., the system will display all the RM managed, Self Managed, Discretionary and Heldaway portfolios associated to the customer in the field 'Portfolio Name'. It is mandatory for the RM to decide on the appropriate portfolio prior to modifying the transaction.

Step 3:

From the Instrument Type drop-down list, select the appropriate Instrument type.

Step 4:

Click the  icon next to the Instrument field and select the appropriate Instrument.

Step 5:

Select the appropriate Folio or Account no. from the Folio/Account No text box.

Step 6:

From the Status drop-down list, select the appropriate status.

Step 7:

Click on the  icon next to the Country of Market field and select the appropriate trading country to view the desired transactions.

Step 8:

From the Settlement Status drop-down list, select the appropriate settlement status.

Step 9:

From the Transaction Type drop-down list, select the appropriate transaction type.

Step 10:

Click the  icon next to the Transaction Date From and To fields and select the appropriate dates.

Step 11:

Click the Search button.

On clicking the Search button, the system displays all the transaction details of the selected customer.

Step 12:

To modify the transaction click the corresponding Modify hyperlink under the action column.

Note

Transactions which are matched or settled cannot be modified and hence system displays the View hyperlink for these transactions in disabled status.

Step 13:

Edit the appropriate details and save the transaction.

Note

If the 'Yes' option is selected for Allow in TMS field in Master → Portfolio Related → Portfolio Type screen, then system allows to modify the transaction. If the 'No' option is selected then system does not allow the user to modify the transaction but allows to view it.

Note

FCPB system also enables the user to print the transaction report for the selected criteria by clicking on the Print Report button.

7. Dual Currency Deposits

Description:

Dual Currency Deposits (DCD) maturity screen helps to post the maturity transaction for a dual currency deposit. With the help of DCD maturity screen, system determines the weaker currency, based on the spot rate input by the RM. It compares the spot rate against the strike rate and assess, in which currency the DCD needs to be matured in. System converts the maturity proceeds to instrument currency internally and post the transaction in the customer's account, if weaker currency is alternate currency.

7.1 DCD Maturity Screen

User Access Levels:

RM: RM can post the MAT and INT Transactions with help of DCD Maturity screen.

Screen:

The screenshot displays the Oracle Flexcube Private Banking interface for the DCD Maturity Screen. The main section is titled 'Portfolio SummaryPB_1203_CUST4'. It features a table with columns: Name, Description, Type, CCY, Amount, and % of Total. The table lists 'Holdaway' and 'RM Managed' entries. Below this is a 'Portfolio:RM Managed' summary table with columns: Instrument Type, Amount, and % of Total, listing 'MutualFund' and 'TimeDepo'. The bottom section is 'Time Deposit : RM Managed', which is a table with columns: Account Type, Account/ TD No., CCY, Booking Date, Tenor, Principal, Maturity Date, Interest Rate, Accrued Interest, Interest Paid, As on Date, and Quick Launch. A 'Term Deposit - INR' entry is visible in this table. The interface also includes navigation tabs like 'Home', 'Customer', 'Order Mgmt', 'Txn Mgmt', 'Reports', 'Tools', and 'My Workspace'.

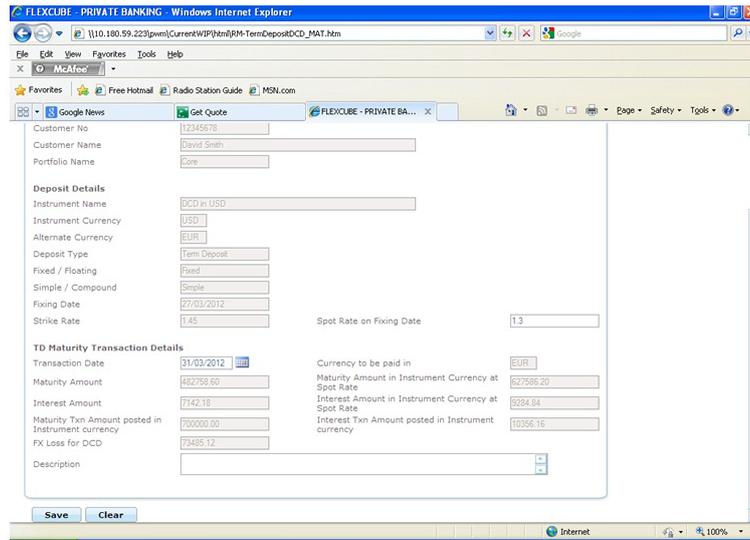
Figure 7.1: DCD Maturity Screen

Navigation:

RM Login > Customer > Portfolio Maintenance > TD Instrument Type > DCD MATURITY Quick Launch

System displays the following screen, once you click the DCD Maturity hyperlink in TD pane:

Screen:



Field Description:

Field	Description	Mandatory
Customer No	Enable the user to specify the customer ID	Y
Customer Name	Displays the customer name based on customer ID	Y
Portfolio Name	Enable the user to select the portfolio name from the adjoining drop down list	Y
Deposit Details		
Instrument Name	System displays the instrument name for which MAT transaction is getting processed	Y
Instrument Currency	Displays the instrument currency of the instrument for which MAT is initiated	Y
Deposit Amount	Displays the deposit booking amount	Y
Alternate Currency	Displays the alternate currency of the instrument for which MAT is initiated	Y
Deposit Type	Displays the Deposit Type for selected CPIS record, whether it is Time or Call Deposit	Y
Fixed/Floating	Displays the property for selected CPIS record, whether it is Fixed or Floating	Y
Simple Compound	Displays the interest property or selected CPIS record, whether it is Simple Interest or Compound Interest	Y
Fixing Date	Displays the fixing rate with date format dd/mm/yyyy	Y
Strike Rate	Displays the strike rate	Y

Field	Description	Mandatory
Fixing Rate	Displays the fixing rate	Y
TD Maturity Transaction Details		
Transaction Date	Display the transaction date	Y
Maturity Amount	System populates the currency after comparing the spot rate against the strike rate	Y
Interest Amount	If weaker currency is alternate currency then the formula is "ACCR_INT/STRIKE_RATE", otherwise AccR_INT*STRIKE_RATE".	Y
Maturity Txn Amount posted in instrument currency	If weaker currency is alternate currency then the formula is "BALANCE/STRIKE_RATE", otherwise "BALANCE*STRIKE_RATE".	Y
FX Loss for DCD	This field is visible, only if the currency is paid in alternate currency. This field is not visible if currency is paid in instrument currency	
Currency to be paid in	System displays the currency automatically by comparing the spot rate against the strike rate	Y
Maturity Amount in instrument currency at spot rate	If the weaker currency is Alternate currency, then the formula is "Maturity amount in alternate currency *Spot rate on fixing date" or else formula is "Maturity amount in alternate currency/ Spot rate on fixing date"	Y
Interest Amount in instrument currency at spot rate	If the weaker currency is Alternate currency, then the formula is "Interest amount in alternate currency *Spot rate on fixing date", or else formula is "Interest amount in alternate currency/ Spot rate on fixing date"	Y
Interest Txn Amount posted in instrument currency	This field is visible, only if the currency is paid in alternate currency. This field is not visible if currency is paid in instrument currency	
Description	If 'Payment/Receivable' dropdown is selected with value 'Amount to be paid to customer', then Description field displays 'Interest Paid To Customer' otherwise it displays 'Interest Received From Customer'.	

Click 'Save' button to save all the details. Click 'Clear' button to delete all entered and selected details.

Note

Strike Rate is expressed on the normal quoting convention of base currency and terms currency; irrespective of which is the deposit and alternate currency.

7.1.1 Interest Accruals only till Maturity Date

DCD maturity screen display an error, if it is accessed earlier than the maturity date. User can access the screen only when the current business date is equal to or greater than maturity date. When RM accesses the screen after maturity date, the accrual job does not accrue the interest till the date the MAT is initiated. The accruals gets stopped on the maturity date.

7.1.2 Computation of Loss

When DCD maturity happens in alternate currency, system internally converts it into instrument currency. The maturity had happened at the strike price agreed at the time of entering the agreement, whereas the spot price gets appreciated. It results into a loss.

7.2 Transaction Pop up Screen

Screen:

CCY	Date	Transaction Type	Transaction Narration / Desc	Quantity	Original Price	Fees	Tax	Amount	Alternate CCY	Fixing Date	Strike Rate	Amount in Alternate CCY	Advice
INR	01/01/2012	Booking	TD Booking					700,000.00	USD	29/03/2010	45.6		View Advice
INR	02/04/2009	Maturity	TD Maturity					700,000.00	USD	29/03/2010	45.6	15350.88	View Advice
INR	02/04/2009	Interest	TD Interest					25,000.00	USD	29/03/2010	45.6	548.25	View Advice

Field Description:

Field	Description	Mandatory (Y/N)
CCY	Displays the currency	Y
Date	Displays the date	Y
Transaction Type	Displays the transaction type	Y
Transaction Narration / Desc	Displays the transaction narration	Y
Amount	Displays the amount	Y
Alternate CCY	Displays the alternate currency	Y
Fixing Date	Displays the fixing date	Y
Strike Rate	Displays the strike rate	Y
Amount in Alternate CCY	Displays the amount in alternate currency	Y
Advice	Displays the advice	

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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

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