Relationship Pricing
Oracle FLEXCUBE Universal Banking
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1. About this Manual

1.1 Introduction

This manual is designed to help you quickly get acquainted with the Relationship Pricing module of Oracle FLEXCUBE.

It provides an overview to the module, and provides information on using this module of Oracle FLEXCUBE.

You can further obtain information specific to a particular field by placing the cursor on the relevant field and striking <F1> on the keyboard.

1.2 Audience

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

Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of day operators	Processing during end of day/ beginning of day
Financial Controller/Product Managers	Generation of reports

1.3 **Organization**

The manual is organized in the following manner:

Chapter 1	About this Manual gives a brief introduction of the module, the audience it addresses and the organization of the various chapters. It also includes the list of related documents to be referred, if any, and the conventions used in the document.
Chapter 2	Customer Relationship Pricing explains the maintenances required to provide services to customers based on the total business that the customer conducts or could potentially conduct.

Conventions Used in this Manual

Important information is preceded with the symbol.



1.4 Related Documents

• The Procedures User Manual

1.5 **Glossary of Icons**

This User Manual may refer to all or some of the following icons:

Icons	Function
	New
<u> </u>	Сору
H	Save
×	Delete
6	Unlock
	Print
	Close
	Re-open
ħ	Reverse
P	Template
S	Roll-over
@	Hold
	Authorize
Ŝ	Liquidate
X	Exit
7	Sign-off
0	Help
+	Add row
_	Delete row



Icons	Function
**	Option List
C	Confirm
* ?	Enter Query
₹ ?	Execute Query

Refer the Procedures User Manual for further details about the icons



2. Customer Relationship Pricing

2.1 Introduction

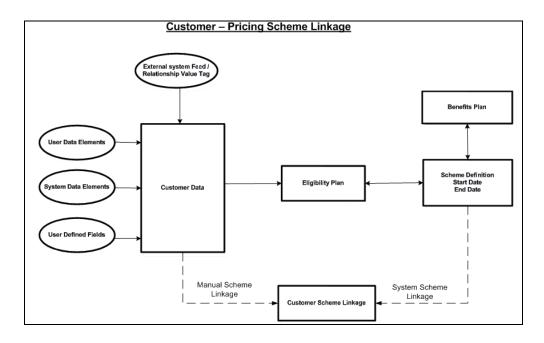
Relationship pricing is the pricing of services offered to a customer based on the total business that the customer conducts or could potentially conduct. In this case, a set of eligible customers is offered a special pricing over and above the standard product pricing. This is commonly implemented by way of discounts, rebates, or offsets against standard pricing. A combination of products wrapped as a product bundle could also be offered to customers. Pricing benefits are offered to customers based on customer relation, product bundling or a combination of both. For e.g., for keeping a minimum daily balance of \$2,500, a bank may offer its customers a fee waive-off on credit cards, lines of credit, checking and savings, as well as 100 free trades and bonus interest rates on savings accounts.

Pricing benefits are offered to customers as a variance over the standard product pricing. A pricing scheme is defined and details like eligibility criteria, validity period, and the benefits of the scheme are maintained. The relation between different components involved in relationship pricing can be explained as follows:

- 1. User Data Elements (UDE) are defined to extract data from Oracle FLEXCUBE
- External relationship values of customers are captured using relationship value tags (RVT).The RVT value can also be extracted from external systems
- 3. System Data Elements (SDE) are defined to be used in the special pricing rules
- 4. User defined fields are maintained to be used in the pricing rules
- 5. Eligibility criteria to identify the set of customer to avail the benefits of the scheme are defined using the values of UDE, SDE, RVT, and UDF
- 6. Pricing variance rules are defined based on which the scheme benefits are offered to customers
- 7. Scheme benefits are applied to eligible customers based on their eligibility and also based on the product bundle the customer has opted for



The following diagram displays the relation between various components involved in the calculation of relationship pricing.



The various maintenances required to provide relationship pricing to customers is explained in the subsequent sections.

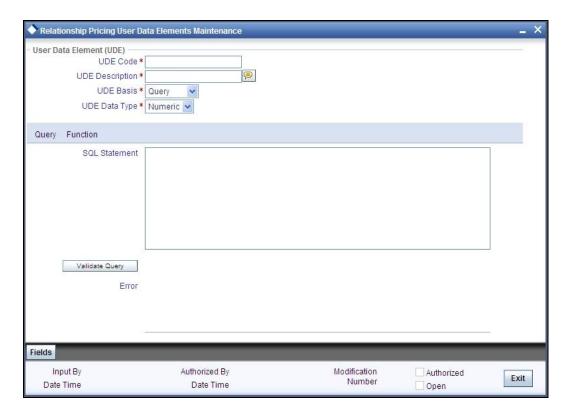
2.2 <u>Maintaining User Data Elements</u>

You can maintain the data elements to be used to compose pricing scheme rules in 'Relationship Pricing – User Data Elements' maintenance screen. You can invoke this screen by typing 'CODUDEMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The data elements could be relevant fields from tables in the database or could be complex stored procedures derived from values of other UDEs or constant values.



The screen appears as shown below:



You can maintain the following details in this screen:

UDE Code

Specify a unique alphanumeric code for the User Data Element

UDE Description

Specify a suitable description for the User Data Element

UDE Basis

Select the basis for deriving the UDE value from the drop-down list provided. The options available are as follows:

- Query the UDE value is derived using a PL/SQL query on Oracle FLEXCUBE database, which returns a single value
- Function the UDE value is derived using pre-defined database functions returning a particular value. You need to provide proper inputs to the function to return the UDE value



UDE Datatype

Select the data type of the UDE value from the drop-down list provided. The possible options are as follows:

- Numeric
- String
- Date

2.2.1 Query Tab

If you have selected 'Query' as the basis for deriving UDE value, you need to specify the SQL query statement to return the UDE output value.

You can frame the query statement using one or more database tables in Oracle FLEXCUBE. You can also use aggregate functions and multiple conditions in the where clause of the SQL statement. You need to provide customer number as an input to the query and the result of the query will be the UDE value.

You can validate the query statement by clicking the 'Validate Query' button. Any errors in the query statement will get displayed in the 'Error' field.

Example

UDE to get the number of accounts opened for a customer in the logged in Branch can be defined as follows:

Select count (1) from STTM_CUST_ACCOUNT

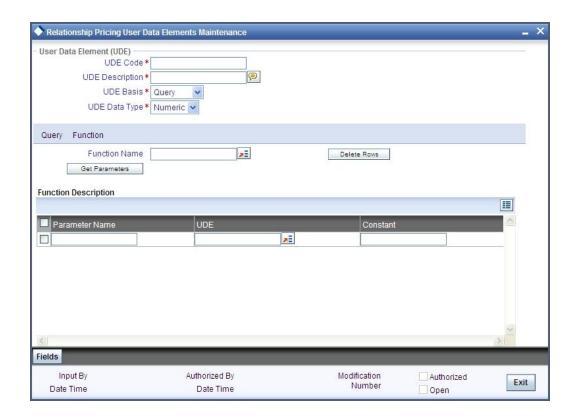
Where Cust_No = @CUSTOMER_NO

And branch_code = global.current_branch;

2.2.2 Function Tab

If you have selected 'Function' as the basis for deriving UDE value, you need to specify the parameters related to the function in the 'Function' tab.





You can specify the following details here:

Function Name

Select the database function you wish to use from the pre-defined set of functions available in the option list.

Click the 'Get Parameter' button to get the parameters linked to the function name selected.

Parameter Name

All function parameters, which can be mapped to an existing UDE or a constant value to arrive at the required output, get displayed here

You can specify either a UDE code or a constant value as input for the function parameter

UDE

Specify the UDE code to be used as a value for the function parameter

You can specify the '@CUSTOMER_NO' keyword as a parameter value

Constant

Specify a constant value of the function parameter

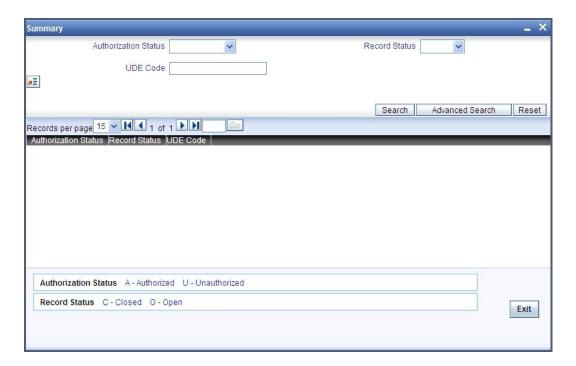


You cannot close a UDE record if it is used in Eligibility Criteria maintenance or in Variance Rule maintenance.

2.3 <u>Viewing UDE Details</u>

You can view the details of UDEs maintained and search for a UDE in the 'Relationship Pricing – User Data Elements Summary' screen. You can invoke this screen by typing 'COSUDEMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You can search for a UDE value in this screen by specifying any of the following:

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

Open



Closed

UDE Code

Select the code of the data element you want to search for, from the option list provided

Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.4 System Data Elements

For defining the eligibility criteria and the variance rule for a customer, you need to use the following SDEs available in the system:

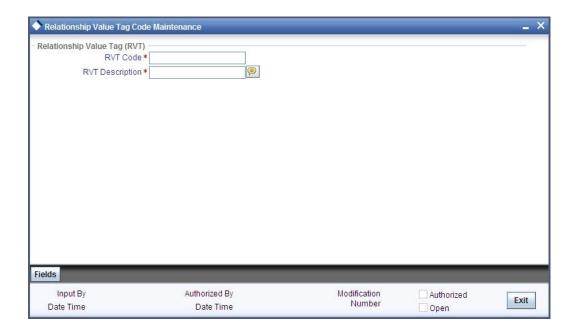
- CUST_AVGSAL- to calculate the average salary of the customer for the last six months.
 The system calculates the average salary based on the salary amount credited to the
 account using the 'salary' or 'advance salary' transaction codes. Any reversal of salary
 with DR amount is not considered for calculating the average salary.
- CUST_EMPLOYER- to determine the customer's current employer code maintained in customer maintenance screen.

2.5 Maintaining Relationship Value Tag Codes

A customer can avail the benefits of a scheme offered by your bank, based on certain attributes like credit card reward points, bonus points etc. You can maintain these attribute tags in the 'Relationship Value Tag Code Maintenance' screen. The values for these attribute tags can be specified either manually or uploaded from an external system.

You can invoke this screen by typing 'CODRVTMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.





You can specify the following details in this screen:

RVT Code

Specify a unique code for customer relationship value tag.

RVT Description

Specify a suitable description for the relationship value tag.

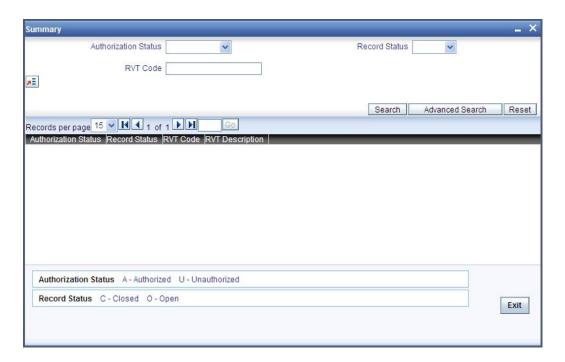
You cannot close an RVT record if it has been used for any customer-RVT code mapping.

2.6 Viewing RVT Code Details

You can view the details of the RVT code and also search for a desired code in the 'Relationship Value Code Maintenance Summary' screen. You can also invoke this screen by typing 'COSRVTMT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The screen appears as shown below:



You can specify any of the following details to perform a search.

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed

RVT Code

Select the code of the relationship value tag you want to search for, from the option list provided.

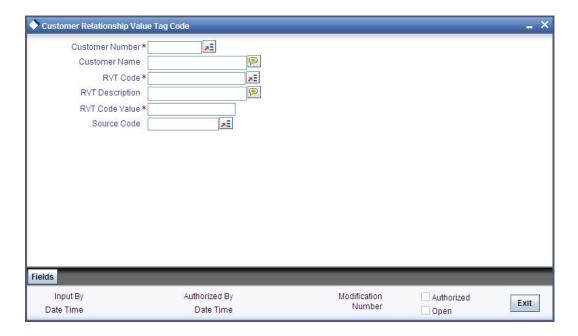
Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.



2.7 <u>Maintaining Values for Relationship Tags</u>

You can maintain the values for the relationship tags either manually or you can upload the same from an external system. You can maintain the values manually using the 'Customer Relationship Value Tag Code Maintenance' screen.

You can invoke this screen by typing 'CODCURVT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can specify the following details in this screen:

Customer Number

Select the name of the customer for whom you want to specify the relationship tag value from the option list provided

Customer Name

Customer name gets displayed automatically once you specify the customer number

RVT Code

Select the relationship tag code for which you want to specify the value, from the option list provided

RVT Description

Relationship tag description gets displayed once you specify the RVT code

RVT Code Value

Specify a value for the relationship tag selected

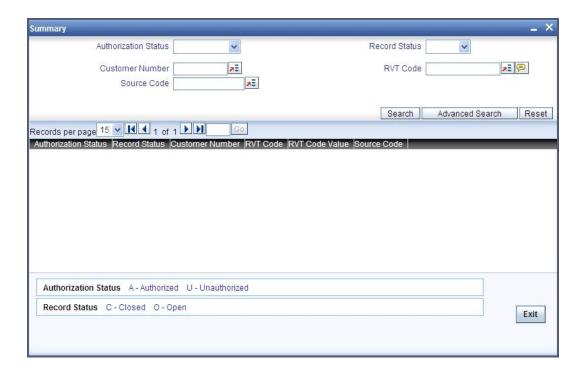


Source Code

Select the source code for the desired external system, from the option list provided

2.8 <u>Viewing Relationship Tag Value Details</u>

You can view the details of the relationship tag values and also search for a desired value in the 'Customer Relationship Value Code Maintenance Summary' screen. You can invoke this screen by typing 'COSCURVT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can specify any of the following details to perform a search.

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

Open



Closed

Customer Number

Select the customer number whose relationship value you want to search for, from the option list provided.

RVT Code

Select the relationship value tag code you want to search for, from the option list provided

RVT Code Value

Select the relationship value you want to search for, from the option list provided

Source Code

Select the source code for the desired external system, from the option list provided

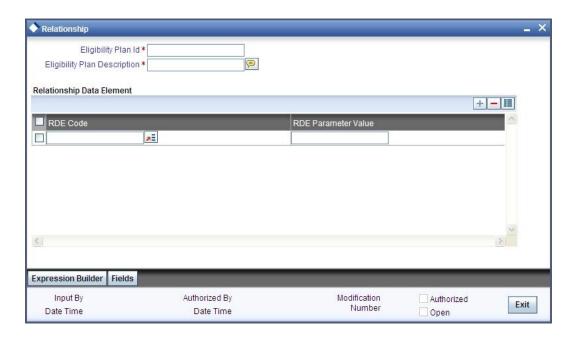
Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.9 **Maintaining Eligibility Plan**

You need to maintain the eligibility criteria based on which a customer can avail the benefits of scheme. Eligibility criteria can be defined based on various customer attributes maintained as User Data Elements (UDE) or pre-shipped set of System Data Elements (SDE) and it helps to identify the target customers for a scheme. The eligibility criteria can be defined using customer RVT codes also. You can maintain the eligibility criteria for a scheme in 'Relationship Pricing Eligibility Plan' screen.



You can invoke this screen by typing 'CODELPLN' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can maintain the following details in this screen:

Eligibility Plan ID

Specify a unique ID for the eligibility plan

Eligibility Plan Description

Specify a unique description for the eligibility plan

RDE Code

Select the relationship data element to be used to build the eligibility criteria expression. All system data elements, user data elements, and customer RVT codes are available for selection in the option list provided.

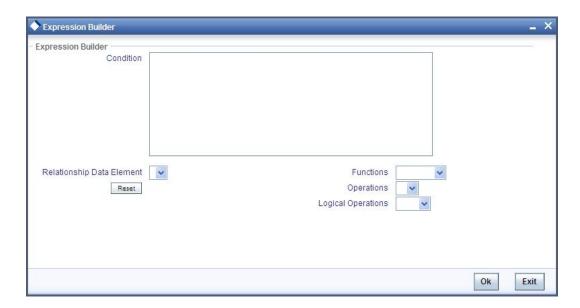
RDE Parameter Value

Specify a value for the relationship data element selected



2.9.1 Creating Eligibility Condition

You can build the condition to be evaluated to verify the eligibility of a customer by clicking the 'Expression Builder' button. The 'Expression Builder' screen is displayed.



You can specify the following details to build the eligibility criteria expression:

Condition

Specify the eligibility evaluation condition, using the relationship data elements, functions, operations, and logical operations provided.

Relationship Data Element

Select the relationship data element to be used to build the eligibility condition. The RDE codes specified in 'Relationship Pricing Eligibility Plan' screen are displayed in the drop-down list provided.

Functions

Select the mathematical function to be used to build the eligibility condition. The following options are available:

- Abs
- Greatest
- Round
- Trunc



Floor Ceil Power Mod **Operations** Select the operator to be used to build the eligibility criteria expression. The following options are possible: + (Addition) - (Subtraction) * (Multiplication) / (Division) **Logical Operations** Select the logical operator to be used to build the eligibility criteria expression. The following options are possible: AND OR < <=

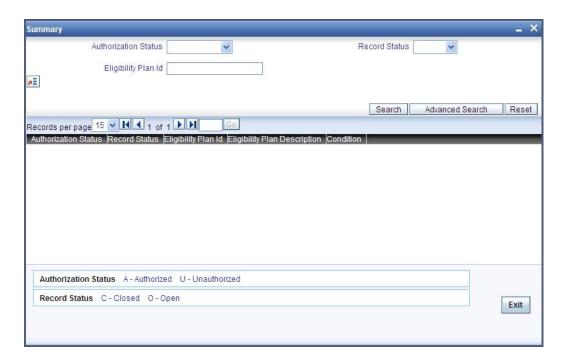
>=

<>

2.10 Viewing Eligibility Plan Details

You can view the details of the eligibility plans and also search for a desired plan in the 'Relationship Pricing Eligibility Plan Summary' screen. You can invoke this screen by typing 'COSELPLN' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You can specify any of the following details to perform a search.

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed



Eligibility Plan ID

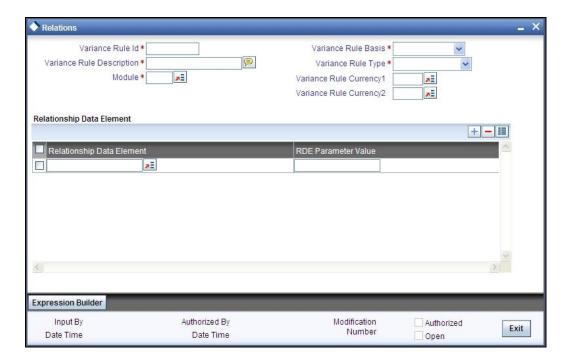
Select the eligibility plan you want to search for, from the option list provided.

Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.11 Maintaining Pricing Variance Rule

You can maintain the price or rate variance rules at module level where you can specify the rule conditions based on the module specific attributes available. You can specify multiple conditions based on which the preferential variance for eligible customers can be derived. You can define the variance rule in 'Relationship Pricing Variance Rule Maintenance' screen.

You can invoke this screen by typing 'CODVARRL' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You need to specify the following details in this screen:

Variance Rule ID

Specify a unique ID for the variance rule.

Variance Rule Description

Specify a suitable description for the variance rule.

Module

Select the module to which you wish to associate the variance rule, from the option list provided.



Variance Rule Basis

Select the price component based on which you want to define the variance rule. The following options are available:

- Interest
- Charge
- Commission
- Fees
- Exchange Rate

Variance Rule Type

Select the type of the value being returned by the variance rule, from the option list provided. The following options are available for selection:

- Fixed Rate applicable if you have selected 'Interest' as Variance Rule Basis. Variance rule returns a fixed rate, in this case, which can be used for pricing computation
- Fixed Amount variance rule returns a fixed amount, which can be used for pricing computation
- Variance Rate applicable if you have selected 'Interest' as Variance Rule Basis.
 Variance rule returns the variance rate over the base rate computed, which is added to or subtracted from the base rate
- Variance Amount returns the variance amount to be added to or subtracted from the base rate
- Percentage returns a percentage to be applied to the base amount or base rate computed to arrive at the final value

The options 'Fixed Amount' and 'Variance Amount' are not applicable if you have specified 'Interest' as Variance Rule Basis

Variance Rule Currency 1

Select the currency associated with the variance rule from the option list provided. You need to specify this if you have selected 'Fixed Amount' or 'Variance Amount' as Variance Rule Type.

If you have selected the Variance Rule Basis as 'Exchange Rate', you need to select the first currency of the currency pair from the option list provided.



Variance Rule Currency 2

Select the second currency of the currency pair from the option list provided, if you have selected the Variance Rule Basis as 'Exchange Rate'.

2.11.1 Specifying Relationship Data Elements

Relationship Data Element is a collection of UDE, SDE (module specific and customer specific) and Customer RVT codes which is used to build the variance rule. You can maintain the following details to build the variance rule:

Relationship Data Element

Select the relationship data element to be used to build the variance rule. The option list contains all SDEs, UDEs, and customer RVT codes, available for selection.

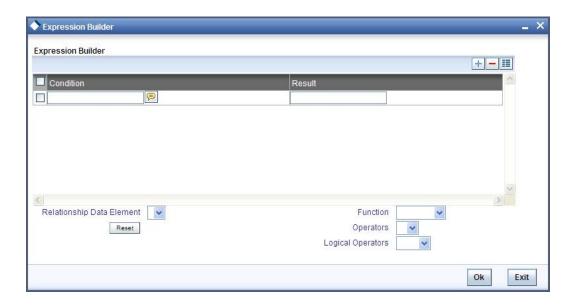
RDE parameter value

Specify a value for the RDE parameter selected.

2.11.2 Specifying Conditions for Variance Rule

You can build the expressions and specify conditions to derive the variance rule using the 'Expression Builder' screen.

Click the 'Expression Builder' button to invoke the 'Expression Builder' screen.



You can specify the conditions for deriving the variance rule, in this screen

Condition

Specify the condition for building the variance rule.



Result

Specify the result of the execution of the variance rule, in terms of rate or amount.

Relationship Data Element

Select the RDE to be used to build the variance rule expression. All the RDEs selected previously for this variance rule are displayed in the option list.

Function

Select the mathematic function to be used to build the variance rule, from the drop-down list provided. The following options are available:







- Power
- Mod

Operators

Select the operator to be used to build the variance rule expression. The following options are available:

- + (add)
- (subtract)
- * (multiply)
- / (divide)

Logical Operators

Select the logical operator to be used to build the variance rule expression. The following options are available:



- AND
- OR
- <
- <=
- >
- . .-
- <>

You can specify any number of conditions using combinations of mathematical functions, operators, and logical operators.

Example

The following example demonstrates the building of a variance rule.

A variance rule needs to be set up to derive beneficial interest rates for customers based on loan amount. If the loan amount is greater than 250,000 then interest rate needs to be decreased by 1% and if the loan amount is greater than 500,000 then the decrease should be 1.5%.

For the above rule, the setup can be as follows

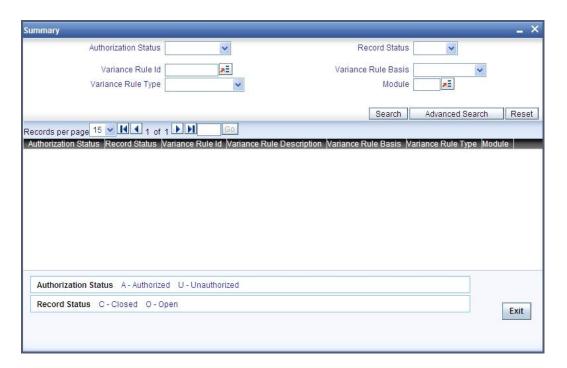
Setup	Values
Module	LD
RDE	TXN_AMOUNT
Variance Rule basis	Interest rate
Return type	Percentage
Condition1	TXN_AMOUNT > 250000
	AND TXN_AMOUNT < 500000
Result 1	-1
Condition2	TXN_AMOUNT >= 500000
Result 2	-1.5



2.12 <u>Viewing Variance Rule Details</u>

You can view the details of the variance rule and also search for a rule for a specific module or type in the 'Relationship Pricing Variance Rule Maintenance Summary' screen. You can invoke this screen by typing 'COSVARRL' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You can specify the following details to search for a variance rule:

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed



Variance Rule ID

Select the variance rule you want to search for, from the option list provided.

Module

Select the module for which you want view the variance rule details, from the option list provided

Variance Rule Basis

Select the basis of the variance rule which you want to search for, from the option list provided. The following options are available:

- Interest
- Charge
- Commission
- Fees

Variance Rule Type

Select the type of the variance rule you want to search for, from the option list provided. The following options are available for selection:

- Fixed Rate
- Fixed Amount
- Variance Rate
- Variance Amount
- Percentage

Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.13 **Maintaining Benefit Plan**

You can define the benefits offered to eligible customers on availing a scheme, in the 'Relationship Pricing Benefit Plan' screen. Benefits can be defined in terms of any of the following:

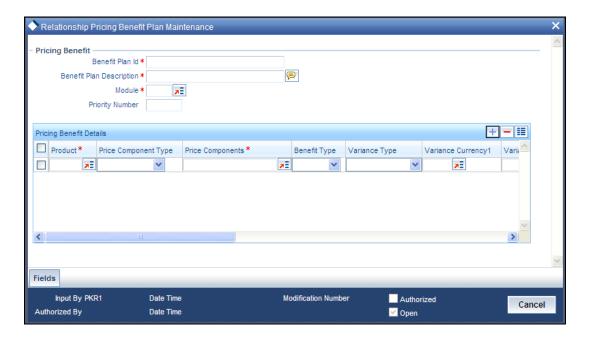
Preferential interest rates for loan products



- Beneficial charges/fees for various transactions
- Preferential commission variance
- Preferential rates for periodic interest and charges
- Preferential exchange rates

You can define benefits at module level, for more than one product and price component combination. You can invoke this screen by typing 'CODBENFT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You can specify the following details in this screen:

Benefit Plan ID

Specify a unique identification for the pricing benefit plan.

Benefit Plan Description

Specify a suitable description for the benefit plan.

Module

Select the module for which you want to maintain the benefit plan from the option list provided.



Priority Number

Specify the priority number to be associated with the benefit plan for the selected module.

The priority number specified should be unique across all benefit plans for a given module

2.13.1.1 Specifying Pricing Benefit Details

You can specify the following pricing preferences for the benefit plan:

Product

Select the product to which you want to associate the benefit plan from the option list provided. All the valid product codes for the selected module are displayed in the list.

Price Component Type

Select the type of the price component from the drop-down list. The following options are available:

- Interest
- Charge
- Fee
- Commission
- Exchange Rate

Price Components

Select the price class components to be associated with the benefit plan. The option list displays the valid price class components maintained, based on the product code and price component type specified.

Example

For an LD Product if you select the price component type as Interest, the price components list will display Interest Class components mapped to the LD product.

If you specify price component type as Charge, the price components list will display Charge Class components.

Benefit Type

Select the type of benefit from the drop-down list. The following options are available:

Variance – a price variance is offered as benefit to the customer



Waive – a price component waive-off is offered as benefit to the customer

Waive-off benefit is applicable for price components of type charges, fees and commission.

Variance Type

Select the type of variance to be attached to the benefit plan. This is applicable if you have specified 'Variance' as the benefit type. The following options are available:

- Fixed Rate fixed rate will be applied over the computed base rate computed
- Variance Rate variance rate will be either added to or subtracted from the base rate computed
- Fixed Amount fixed amount will be applied over the computed price amount
- Variance Amount variance amount will be added to or subtracted from the base amount computed
- Percentage percentage of base rate or amount computed will be increased or decreased from the base rate or amount
- Free Txn indicates the number of free transactions available for the combination of a given Module id, Product, Price component type, and Price Component for a calendar month

To avail this feature, you must setup the charge through the 'IC' module and select 'ITEM-COUNT' as charge basis. For a product, the system overrides the free transaction count maintained at account class level with the free transaction count maintained at the RP benefit plan level.

If you have selected the price component type as 'Exchange Rate', you need to select 'Variance Rate' as the variance type.

Variance Currency 1

Select the currency associated with fixed amount or variance amount, from the option list provided. If you have selected the price component type as 'Exchange Rate', you need to select the buy currency of the customer from the option list provided.

Variance Currency 2

Specify the sale currency associated with the benefit plan from the option list provided. This is applicable only if you have selected the price component type as 'Exchange Rate'.



Variance Value

Specify the value related to variance. This is applicable if you have selected 'Variance' as the benefit type.

If you have selected the price component type as 'Exchange Rate', the system automatically calculates the variance value using the quotation method maintained for the currency pair.

Variance Rule

Select the variance rule ID to be associated with the benefit plan, from the option list provided.

Once you select a variance rule ID, the type of the variance rule gets defaulted in the benefit plan and you cannot change this.

Buy Spread

Specify the spread associated with the buy currency.

Sale Spread

Specify the spread associated with the sale currency.

Buy and Sale spreads are applicable only if you have selected the price component type as 'Exchange Rate'.

You can attach the benefit plan to a scheme which in turn can be linked to a customer. You can either manually link the scheme to the customer or you can use the RP batch to link the scheme based on the eligibility criteria. When such a pricing scheme having the price component type as 'Exchange Rate', is linked to a customer, the system derived variance value is added to the base rate to arrive at the customer specific rate at the transaction level.

Maximum Value

Specify the maximum value for interest rate component type.

Minimum Value

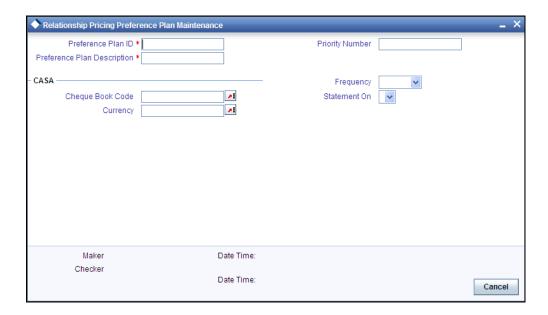
Specify the minimum value for interest rate component type.

The system will validate the final interest rate (after application of RP) against the minimum and maximum interest rate maintained at the RP level. If the value of the interest rate is greater than the maximum value, then the system will use the maximum value for computation. If the value of the interest rate is lesser than the minimum value then the system will compute the minimum value computation.



2.14 Maintaining Relationship Pricing Preference Plan

You can capture cheque book code and oter details using the 'Relationship Pricing Preference Plan Maintenance' screen. You can invoke this screen by typing 'CODPREFT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



Specify the following details here:

Preference Plan ID

Specify the preference plan id for CASA.

Preference Plan Desc

The system displays a brief description of the preference plan.

Priority Number

Specify the priority for applying the preference plan.

2.14.1 Specifying CASA Details

Currency

Specify the currency applicable for CASA contracts from the adjoining option list

Frequency

Specify the frequency for account statement generation. You can specify one of the following:

Yearly (Y)



- Monthly (M)
- Daily (D)

Statement on

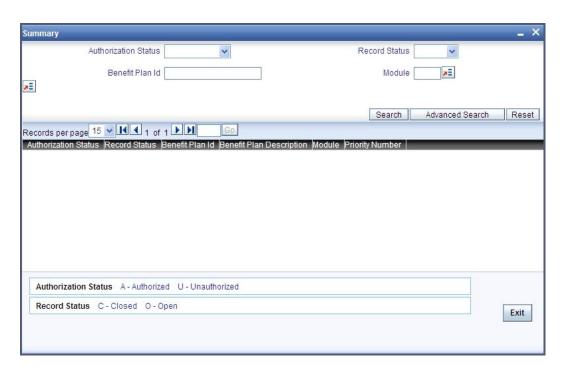
If you have specified the statement generation frequency as Monthly or Yearly, then specify here the day on which the statement must be generated.

Cheque Book Code

Specify the check book code that should be used to print the customer cheque books. This defines the characteristics – look and appearance - of a cheque book and is passed on to the printer. The value you specify here is displayed at the customer account level.

2.15 Viewing Benefit Plan Details

You can view the details of the benefit plan and also search for a benefit plan for a specific module in the 'Relationship Pricing Benefit Plan Summary' screen. You can invoke this screen by typing 'COSBENFT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can search for a benefit plan by specifying the following fields:

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

Authorized



Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed

Benefit Plan ID

Select the benefit plan you want to search for, from the option list provided.

Module

Select the module for which you want to view the benefit plans from the option list provided.

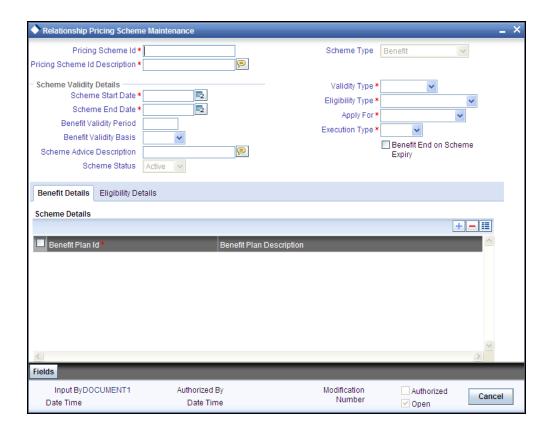
Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.16 Maintaining Pricing Scheme

You can maintain the details of the pricing scheme in the 'Relationship Pricing Scheme Maintenance' screen. You can invoke this screen by typing 'CODSCHME' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:





You can maintain the following details specific to the scheme in this screen:

Pricing Scheme ID

Specify a unique ID for the pricing scheme.

Pricing Scheme ID Description

Specify a suitable description for the pricing scheme.

Scheme Type

Specify the type of scheme by choosing one of the following vales:

- Benefit
- Preference

Scheme Start Date

Specify the effective start date of the pricing scheme. Select the start date by clicking the adjoining calendar icon

Scheme End Date

Specify the end date of the scheme. Select the end date by clicking the adjoining calendar icon



Benefit Validity Period

Specify the period through which the benefits will be made available to the customer, in terms of days, months or years. This date is applicable under the following conditions:

- Scheme ceases to exist, but benefits are given to the customers for a period of time
- Scheme is active, but the benefits are given to the customers for a short period of time

Benefit Validity Basis

Select the basis of specifying the validity period, from the drop-down list provided. The following options are available:

- Days
- Months
- Years

Scheme Advice Description

Specify a suitable description for the scheme advice

Scheme Status

Status of the scheme is displayed as 'Active', by default

The status of the scheme changes to 'Expired', on the end date specified for the schema

Validity Type

Select the way of applying the scheme benefits from the drop-down list. The following options are available:

- One-Time benefits are made available to eligible customers only once
- Renewable scheme benefits are made available to the customers till the expiry of the scheme
- Perpetual benefits offered to eligible customers continue to be available to the customers even if they fall out of the eligibility conditions

Eligibility Type

Select the duration of the benefit validity from the drop-down list. The following options are available:



- Benefits Validity Period
- Scheme Validity Period

Apply For

Select the customers for which the pricing scheme is applicable, from the drop-down list. The following options are available:

- New customer
- All customers
- Existing customers

A customer is identified as new or existing based on their creation date and scheme start date

Execution Type

Select the type of application of the pricing scheme, from the drop-down list. The following options are available:

- Manual
- Automatic

Benefit End on Scheme Expiry

Select this checkbox to indicate that the customer scheme benefits expire on reaching the scheme end date, in cases where the validity period exceeds the scheme end date.

2.16.1 Benefit Details Tab

You can select the benefit plans to be applicable for a pricing scheme in the 'Benefit Details' tab. The following details related to the benefit plan are displayed:

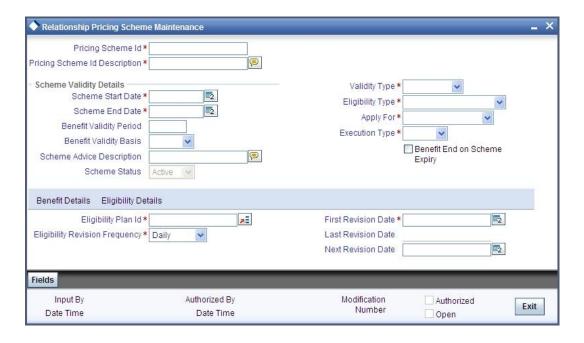
- Benefit Plan ID
- Benefit Plan Description

Select the checkbox against any desired benefit plan to make it a part of the pricing scheme



2.16.2 Eligibility Details Tab

You can specify the eligibility details of the pricing scheme in the 'Eligibility Details' tab.



You can specify the following details related to eligibility:

Eligibility Plan ID

Select the eligibility criteria for a customer to avail the benefits of a scheme, from the option list provided. All valid eligibility plans are displayed in the list

Eligibility Revision Frequency

Select the frequency at which the eligibility plan gets revised, from the drop-down list. The following options are possible:

- Daily
- Weekly
- Fortnightly
- Monthly
- Quarterly
- Half Yearly



Yearly

First Revision Date

The date on which the first execution of the eligibility plan happened, is displayed here

Last Revision Date

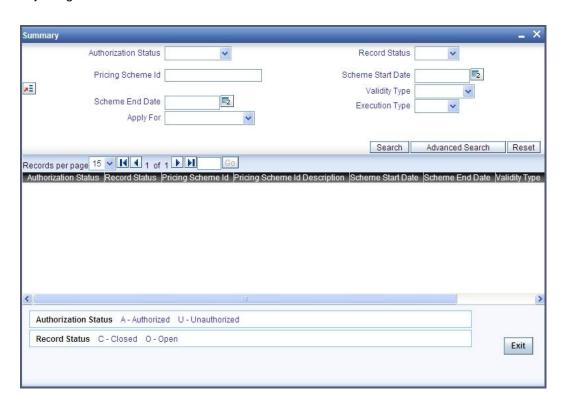
The last revision date of the scheme eligibility is displayed here

Next Revision Date

The date on which next revision of the eligibility plan should happen is displayed here. This value is arrived at, based on the last revision date and the revision frequency specified.

2.17 <u>Viewing Pricing Scheme Details</u>

You can view the details of the pricing scheme and also search for a scheme in the 'Relationship Pricing Scheme Maintenance Summary' screen. You can invoke this screen by typing 'COSSCHME' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can search for a pricing scheme by specifying any of the following fields:

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:



- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed

Pricing Scheme ID

Select the pricing scheme you want to search for, from the option list provided

Scheme Start Date

Specify the start date of the pricing scheme you want to search for

Scheme End Date

Specify the end date of the pricing scheme you want to search for

Validity Type

Select the validity type of the pricing scheme you want to search for, from the drop-down list provided

Apply For

Select the customers for which the pricing scheme you want to search for is applicable, from the drop-down list. The following options are available:

- New customer
- All customers
- Existing customers

Execution Type

Select the type of application of the pricing scheme you want to search for, from the drop-down list. The following options are available:

- Manual
- Automatic

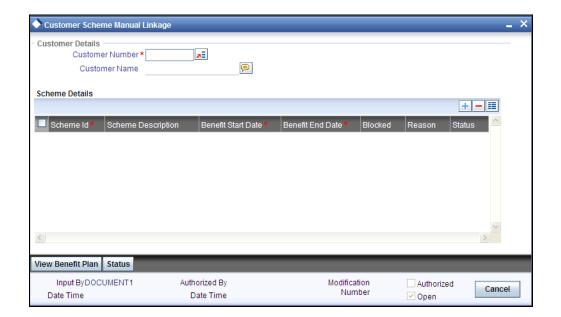


Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.18 Maintaining Customer Scheme Linkage

You can link a customer to a pricing scheme in the 'Customer Scheme Manual Linkage' screen. The benefits of the scheme are applied to the customer for the validity period specified.

You can invoke this screen by typing 'CODCUSCM' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can specify the following details in this screen:

Customer Number

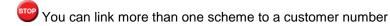
Select the customer for whom you want to link the pricing scheme, from the option list provided. All customers who have opted for relation pricing are displayed in the list.

Customer Name

Name of the customer gets displayed, once you select the customer number

Scheme ID

Select the scheme ID to be linked to the customer number, from the option list provided



Scheme Description

The description associated with the scheme gets displayed, once you select the scheme ID



Benefit Start Date

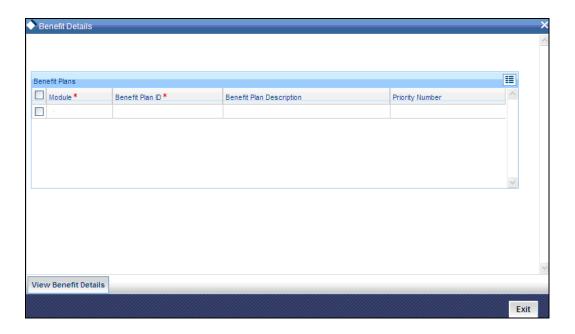
Specify the date on which the scheme benefits starts to be applied for the customer

Benefit End Date

Specify the date on which the scheme benefits cease to exist for the customer

2.18.1 <u>Viewing Benefit Plans</u>

Select a benefit scheme and click the 'View Benefit Plan' button to view the benefit plans associated with the selected scheme.



The following details related to the benefit are displayed:

- Module module to which the benefit is related
- Benefit Plan ID unique identification of the benefit plan
- Benefit Plan Description description linked to the benefit plan ID
- Priority Number priority number assigned to the benefit plan

2.18.1.1 <u>Viewing Status Change History</u>

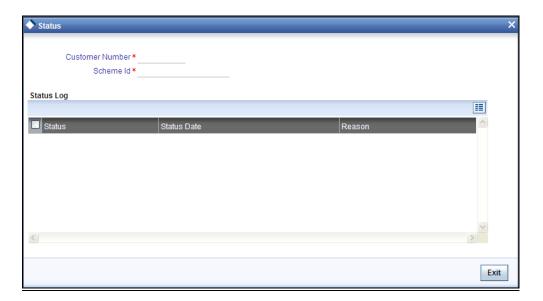
To view the status change history of the Customer Agreement, click the 'Status' button.

A Convenio/Customer Agreement can have the following statuses in the system:



- Active If the Convenio is open then the Convenio is termed "Active"
- Close If the Convenio is closed then the Convenio is termed "Inactive"
- Blocked If the Convenio has been blocked manually or automatically then its termed "Blocked"

The Oracle FLEXCUBE stores the history of each status change. To view this history of status change, click the 'Status' button in the 'Customer Agreement Maintenance' screen. This brings up the 'Status' window as shown below.



Note the following:

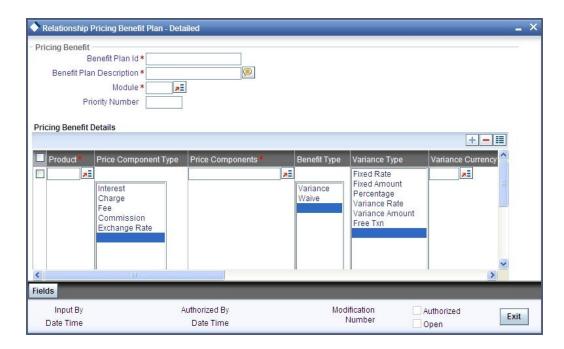
- The Blocking Parameters are captured as part of the Promotion Maintenance (Convenio).
- The Blocking reasons will be maintained as Reason Code.
- All the Status Changes of the Scheme will be stored in the System.

2.18.2 Viewing Pricing Benefit Details

Select a row in 'Benefit Details' and click the 'View Benefit Details' to view the details associated with the selected benefit plan. The following screen is displayed.



The screen appears as shown below:

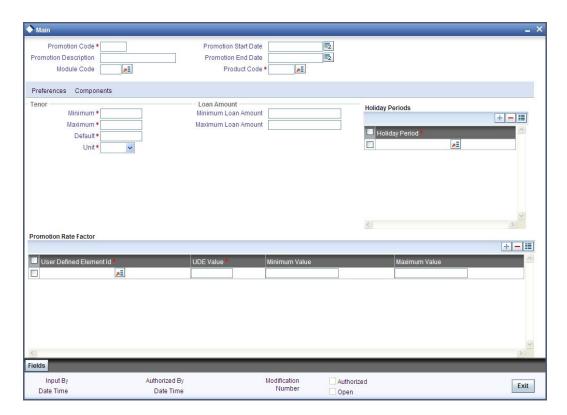


The details associated with the selected benefit plan are displayed here

If the benefit selected in 'Benefit Details' screen is related to Consumer Lending module, the following screen gets displayed.



The screen appears as shown below:



The following details related to the benefit plan selected are displayed:

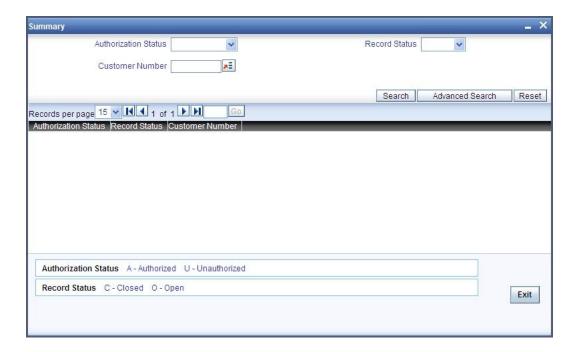
- Benefit or promotion plan identification and description
- Start date and end date of the promotion
- Tenor details and the holiday period details
- Related UDEs and corresponding values
- Schedule details of the principal and interest components



2.18.3 Viewing Linkage Details

You can view the details of customer scheme linkages and also search for a customer in the 'Customer Scheme Manual Linkage Summary' screen. You can invoke this screen by typing 'COSCUSCM' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You can specify any of the following details to perform a search

Authorization Status

Select the authorization status of the record you want to search for, from the drop-down list provided. The options possible are:

- Authorized
- Unauthorized

Record Status

Select the status of the record which you want search for, from the drop-down list provided. The options possible are:

- Open
- Closed



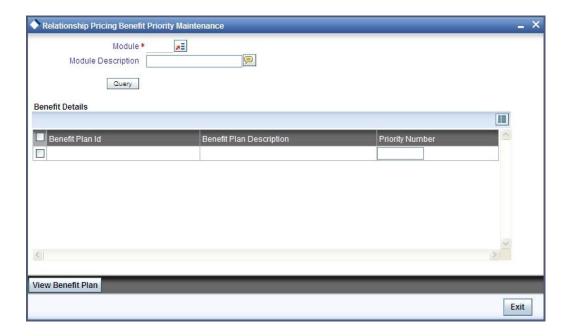
Customer Number

Select the customer number whose relationship value you want to search for, from the option list provided.

Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.19 Changing Benefit Plan Priority

You can modify the priority value associated with a benefit plan for a given module in the 'Relationship Pricing Benefit Priority Maintenance screen. You can invoke this screen by typing 'CODBENPR' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You need to specify the following details to change the priority of a benefit plan.

Module

Select the module for which you want to change the benefit plan priority number. All modules for which benefit plans are defined are displayed in the option list.

Module Description

The description associated with the selected module is displayed here

Benefit Plan ID

Select a module and click the 'Query' button to view the valid benefit plan IDs for that module



Benefit Plan Description

The description associated with the benefit plan ID is displayed here

Priority

The priority number linked to the benefit plan is displayed here. You can change the priority number in such a way that it remains unique for a benefit plan within a given module.

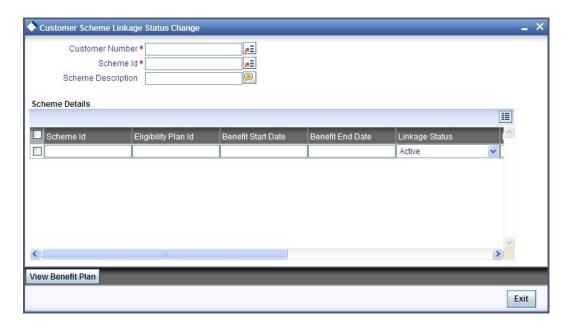
2.19.1 Viewing Benefit Plan Details

Select a benefit plan ID and click the 'View Benefit Plan' button to view the details of the selected benefit plan.

2.20 Changing Customer Scheme Linkage Status

You can view and change the status of customer scheme linkages in the 'Customer Scheme Linkage Status Change' screen. All the schemes linked to the customer are displayed in this screen, with the respective status.

You can invoke this screen by typing 'CODSCMST' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can specify the following details in this screen:

Customer Number

Select the customer whose scheme status you would like to change, from the option list provided

Scheme ID

Select the ID of the scheme whose status you want to change, from the option list



Scheme Description

The description associated with the scheme gets displayed, once you select the Scheme ID

2.20.1.1 <u>Viewing Scheme Details</u>

The following details related to the scheme are displayed.

- Scheme ID
- Eligibility plan ID
- Benefit start date and end date
- Linkage status and the status of previous linkage
- Linkage Date
- Date of last status change and the reason for change

Linkage Status

Select the status of the scheme linkage from the drop-down list provided. The following options are available:

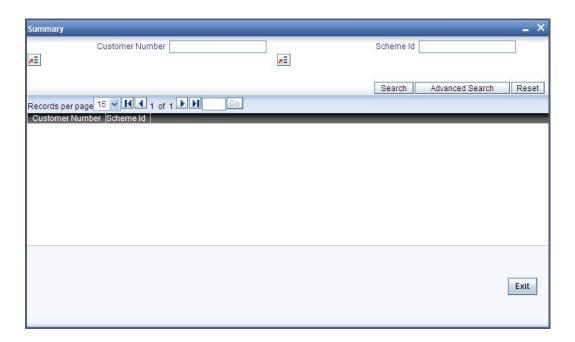
- Active
- Waiting for Acceptance
- Expired
- Expired/Renewable
- Rejected

2.20.2 <u>Viewing Status Change Details</u>

You can view the details of scheme linkage status and also search for a linkage in the 'Customer Scheme Status Change Summary' screen.



You can invoke this screen by typing 'COSSCMST' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You can specify any of the following details to perform a search

Customer Number

Select the customer number you want to search for, from the option list provided

Scheme ID

Select the scheme ID you want to search for, from the option list provided

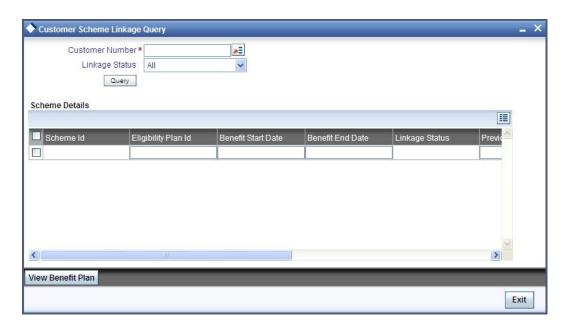
Click the 'Search' button to search for records according to the search criteria specified. You can also perform an advanced search using combinations of conditions by clicking the 'Advanced Search' button.

2.21 <u>Viewing Customer Scheme Linkages</u>

You can view the schemes linked to a customer number in 'Customer Scheme Linkage Query' screen. You can invoke this screen by typing 'CODSCMQY' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The screen appears as shown below:



Customer Number

Select the customer whose scheme linkages you would like to change. All valid customer numbers with scheme linkages are displayed in the option list.

Linkage Status

Select the linkage status of the scheme which you want to modify. The following options are available:

- All
- Active
- Waiting for Acceptance
- Expired
- Expired/Renewable
- Rejected

Click the 'Query' button to get the details of the schemes attached to the customer in 'Scheme Details'.

Scheme ID

All scheme IDs linked to the selected customer are displayed



Eligibility Plan ID

The eligibility plan ID maintained for the scheme is displayed here. For manual linkages the eligibility plan ID is displayed as MANUAL

Benefit Start Date

The date when the scheme was applied to the customer is displayed

Benefit End Date

The end date of the benefits received by the customer is displayed here

Current Status

The current status of the scheme application to the customer is displayed here. The following values are possible:

- Active
- Expired
- Expired/Renewable
- Waiting for Acceptance
- Rejected

You can change the status of the scheme linkages under the following conditions:

- Reject this status can be selected if the current status of scheme linkage is any of the following:
 - Active
 - Waiting for Acceptance
 - Expired/Renewable

On rejection, the linkage status changes to 'Rejected'

 Accept - this status can be selected if the current status of scheme linkage is 'Waiting for Acceptance'. On acceptance the linkage status changes to 'Active'

Status Change Reason

The reason for changing the status is indicated here



Last Status Change Date

The date on which the customer scheme linkage status was last changed, either by the system or manually, is displayed here

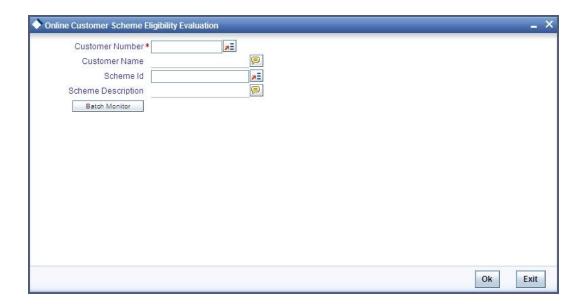
Previous Linkage Status

The previous status of linkage, in case the current linkage status is changed manually or by system, is displayed here

2.22 Evaluating Customer Scheme Online

You can perform an online evaluation of customer eligibility for a scheme using the 'Online Customer – Scheme Eligibility Evaluation' screen. All eligibility plans associated with active schemes are evaluated and if the customer is eligible for a scheme, then customer scheme linkage gets established.

You can invoke this screen by typing 'CODELEBT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



You need to specify the following details to evaluate the customer eligibility for a scheme:

Customer Number

Select the customer number for which you would like to evaluate scheme eligibility, from the option list provided.

Customer Name

The name of the selected customer is displayed here



Scheme ID

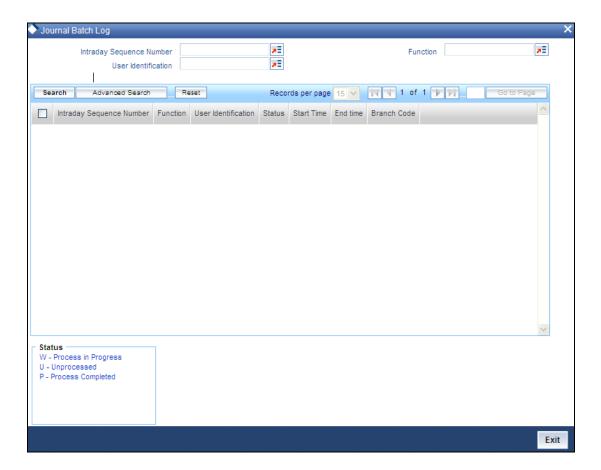
Select the scheme ID for which you want to perform eligibility evaluation, from the option list provided

Scheme Description

The description associated with the selected scheme is displayed here

Click the 'Ok' button to submit the batch for processing. After submitting the batch, click 'Batch Monitor' button to view the status of the batch. The status of the process is displayed in the 'Journal Batch Log' screen.

The screen appears as shown below:



The status of the process can be any of the following:

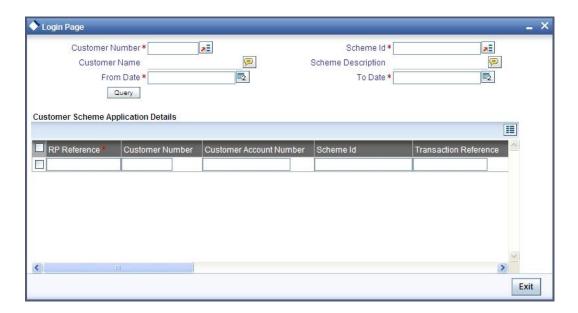
- W Process in Progress
- U Unprocessed
- P Process Completed



2.23 <u>Viewing Customer Availed Scheme Benefits</u>

You can view the details of the benefits availed by the customers in the 'Customer Availed Scheme Benefit Details' screen. You can invoke this screen by typing 'CODCUSCH' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screen appears as shown below:



You need to specify the following to view the benefit details availed by the customer:

Customer Number

Select the customer number for which you would like to view the benefit details

Customer Name

The name of the selected customer is displayed here

Scheme ID

Select the scheme availed by the customer, whose details you want to view

Scheme Description

The description associated with the selected scheme is displayed here

From Date

Specify the date from which the scheme is applicable for the customer

To Date

Specify the date up to which the scheme is applicable to the customer



Click the 'QUERY' button to view the following details related to the benefits availed by the customer.

- Customer Number
- Customer Account Number
- Transaction Reference Number
- Benefit Processing Date
- Scheme ID
- Benefit Plan ID
- Eligibility Plan ID
- Price Component
- Benefit Type
- Variance Type
- Variance Value
- Variance Currency
- Original Computed Price
- Final Price
- Price Currency

2.24 Processing Relationship Pricing Batch

Relationship pricing batch evaluates the eligibility criteria for customers who have opted for relationship pricing, and links the schemes applicable to the customers. The customer linkage status also gets changed during the batch. This batch is run at the head office level, during EOD, after marking End of Financial Input (EOFI).

The batch process involves the following main activities:

Changing scheme status



- Evaluating scheme eligibility
- Applying scheme benefits

The linkage status of customers, whose benefits have expired, will change to 'Expired'during EOD as part of the batch

2.24.1 Changing Scheme Status

The status change of the scheme happens before the evaluation of the scheme eligibility. On the end date of the scheme, the status of the scheme changes to 'Expired'. If the scheme has the 'Benefits End on Scheme Expiry' option enabled, then all the related customer scheme linkages will be marked as 'Expired'.

2.24.2 Evaluating Scheme Eligibility

All the active schemes with first revision date or next revision date less than or equal to application date are considered for eligibility evaluation.

Following validations are carried out for schemes with different validity types:

- Perpetual validity customers created within the benefit period are not considered for eligibility evaluation
- One-time validity customers created within the benefit period are considered for eligibility evaluation. If the customer does not satisfy the eligibility conditions, then the benefits will not be given to customer again. The status of such customer scheme linkages will be marked as 'Expired'.
- Renewable validity customers created within the benefit period are considered for
 evaluation. If the customer does not satisfy the eligibility conditions, then the benefits will
 not be given to customer till the customer becomes eligible again. The status of such
 customer scheme linkages will be marked as 'Expired'/'Renewable'.

The eligibility evaluation is carried out as follows in case of new customers and existing customers:

2.24.2.1 New Customers

Following conditions need to be satisfied for a new customer to avail the benefits of relationship pricing schemes:

- Customer should have opted for relationship pricing
- Customer creation date should not be less than the scheme start date
- Customer should satisfy the eligibility criteria associated with scheme eligibility plan

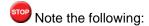


Customer scheme linkage is established with status as 'Active' if the scheme execution type is 'Automatic'. The status will be 'Waiting for Acceptance' if the scheme execution type is 'Manual'.

2.24.2.2 Existing Customers

For existing customers, the customer creation date should be less than scheme start date.

At the end of the batch process, the next revision frequency for the scheme eligibility gets updated based on revision frequency.



- Eligibility evaluation will not happen for customers who already have the schemes linked to them, after the benefit validity period, if the scheme eligibility type is Benefit Validity period.
- Eligibility evaluation will happen for customers who already have the schemes linked to them, after the benefit validity period, if the scheme eligibility type is Scheme period.
- Eligibility evaluation will not happen till the end of the benefit period, for customers whose schemes have been manually linked

2.24.3 Applying Scheme Benefits

The benefits of the scheme are applied to customers only after the eligibility evaluation of the scheme during EOD. The eligible customers can avail the benefits of the scheme only from next branch working day. The following activities are involved in the application of scheme benefits for eligible customers:

- The system checks if the customer is eligible for any scheme benefits for the product and price component associated with the transactions or contracts involved, and for eligible customers the pricing process is changed based on the benefit type.
- If the customer has more than one benefit plan for the same product and price component combination, then benefit plan with the least priority number is taken up for processing.
- If the benefit plan type is waive-off, then the price component computation is done and the final price will be waived off.
- If the benefit plan is of variance type, then the variance rate or amount is applied. If a variance rule is attached to the price component, then the variance rule is evaluated to get the variance rate or amount.
- After applying benefit variance, the final rate or amount will be checked against the minimum and maximum limits set at module product level.



3. Screen Glossary

3.1 Function ID List

The following table lists the function id and the function description of the screens covered as part of this User Manual.

Function ID	Function Description	
CODBENFT	Relationship Pricing Benefit Plan Maintenance	
CODBENPR	Relationship Pricing Benefit Plan Priority Change	
CODCURVT	Customer Relationship Value Tag Code	
CODCUSCH	Relationship Pricing Customer Availed Scheme Benefits	
CODCUSCM	Customer Scheme Manual Linkage	
CODELEBT	Online Customer Scheme Eligibility Evaluation	
CODELPLN	Relationship Pricing Eligibility Plan	
CODRVTMT	Relationship Value Tag Code Maintenance	
CODSCHME	Relationship Pricing Scheme Maintenance	
CODSCMQY	Customer Scheme Linkage Query	
CODSCMST	Customer Scheme Linkage Status Change	
CODUDEMT	Relationship Pricing User Data Elements Maintenance	
CODVARRL	Relationship Pricing Variance Rule Maintenance	
COSBENFT	Relationship Pricing Benefit Plan Summary	
COSCURVT	Customer Relationship Value Tag Code Summary	
COSCUSCM	Customer Scheme Manual Linkage Summary	
COSELPLN	Relationship Pricing Eligibility Plan Summary	
COSRVTMT	Relationship Value Tag Code Summary	
COSSCHME	Relationship Pricing Scheme Summary	
COSSCMST	Customer Scheme Linkage Status Change Summary	
COSUDEMT	Relationship Pricing User Data Elements Summary	



Function ID	Function Description
COSVARRL	Relationship Pricing Variance Rule Maintenance
CODPREFT	Relationship Pricing Preference Plan Maintenance





Relationship Pricing

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