

Payments Pricing User Guide
Oracle FLEXCUBE Payments
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Payments Pricing User Guide
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Contents

1. About this Manual	1-1
1.1 Introduction.....	1-1
1.2 Audience.....	1-1
1.3 Documentation Accessibility.....	1-1
1.4 Organization	1-1
1.5 Glossary of Icons.....	1-2
2. FLEXCUBE Payments Pricing	2-1
2.1 Pricing Maintenance	2-1
2.1.1 Pricing Code Maintenance	2-1
2.1.2 Viewing Pricing Code Summary	2-3
2.1.3 Pricing Value Maintenance.....	2-3
2.1.4 Amount Slab Screen.....	2-5
2.1.5 Viewing Pricing Value Summary	2-7
2.2 Customer Preferences.....	2-7
2.2.1 Deferred Charges Liquidation Summary	2-8
2.2.2 Customer Specific Pricing	2-9
2.2.3 Liquidation of Deferred Charges Detailed Screen	2-10
2.2.4 Deferred Charge Accounting Detail Screen	2-12
2.2.5 Transaction Reversal & Return on Deferred Charges.....	2-13
2.2.6 Deferred Charge Liquidation Notification.....	2-13
2.3 External Pricing	2-13

1. About this Manual

1.1 Introduction

This manual is designed to help you to quickly get familiar with the Oracle FLEXCUBE Payments Pricing functionality.

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
Payment Department Operators	Payments Transaction Input functions except Authorization.
Back Office Payment Department Operators	Payments related maintenances/Payment Transaction Input functions except Authorization
Payment Department Officers	Payments Maintenance/ Transaction Authorization
Bank's Financial Controller/ Payment Department Manager	Host level processing related setup for PM module and PM Dashboard/Query functions

1.3 Documentation Accessibility

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

1.4 Organization

This manual is organized into the following chapters.:

Chapter	Description
Chapter 1	<i>About this Manual</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>FLEXCUBE Payments Pricing</i> provides information on FCUBS Payments Pricing functionality.
Chapter 3	<i>Function ID Glossary</i> has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.5 Glossary of Icons

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

Icons	Function
	Exit
	Add row
	Delete row
	Option List

2. FLEXCUBE Payments Pricing

Maintenance for charge/tax applicable for payment transactions is a common subsystem for all payment types.

Features of Oracle FLEXCUBE Payments Pricing

- A common Pricing subsystem is provided which can be accessed by all payment types as listed below
 - Domestic Low Value Payments (ACH)
 - Domestic High value Payments (RTGS)
 - Cross-border Payments
 - Book Transfer
 - Faster Payments
 - Direct Debits
- Provision is given to liquidate the charge entries online or on deferred basis.

This chapter contains the following sections:

- [Section 2.1, "Pricing Maintenance"](#)
- [Section 2.2, "Customer Preferences"](#)
- [Section 2.3, "External Pricing"](#)

2.1 **Pricing Maintenance**

You can maintain pricing details used for processing charges & tax applicable for ACH payment transactions.

This section contains the following topics:

- [Section 2.1.1, "Pricing Code Maintenance"](#)
- [Section 2.1.2, "Viewing Pricing Code Summary"](#)
- [Section 2.1.3, "Pricing Value Maintenance"](#)
- [Section 2.1.4, "Amount Slab Screen"](#)
- [Section 2.1.5, "Viewing Pricing Value Summary"](#)

2.1.1 **Pricing Code Maintenance**

You can maintain basic charge and tax details in the 'Pricing Code Maintenance' screen. Multiple components can be defined for a Pricing code. The pricing code is linked at Network currency preferences.

You can invoke 'Pricing Code Maintenance' screen by typing 'PPDCDMNT' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

The screenshot shows the 'Pricing Code Maintenance' application window. At the top, there is a title bar with the text 'Pricing Code Maintenance'. Below the title bar, there is a 'New' button and an 'Enter Query' field. The main area contains three input fields: 'Host Code *', 'Pricing Code *', and 'Description'. Below these fields is a 'Pricing Details' section. This section contains a table with the following columns: 'Component Name', 'Component Description', 'Pricing Currency *', 'Exchange Rate Type', 'Tax', and 'Pricing Basis'. The table is currently empty. At the bottom of the window, there are several fields: 'Maker', 'Date Time:', 'Mod No', 'Record Status', 'Checker', 'Date Time:', and 'Authorization Status'. An 'Exit' button is located in the bottom right corner.

You can specify the following fields:

Host Code

This field is defaulted as Host linked to user's logged in Branch.

Pricing Code

Specify the pricing code.

Description

Give a brief description on the pricing code.

Pricing Details

Component Name

Specify the pricing component name.

Component Description

Specify the component description.

Pricing Currency

Specify the pricing currency for charge/tax. Alternatively, you can select the pricing currency from the option list. The list displays all valid currency codes maintained in the system.

Exchange Rate type

Specify the exchange rate to be used for charge currency conversion. Alternatively, you can select the exchange rate type from the option list. The list displays all valid values.

Tax

Check this box if the component maintained is for tax computation.

Pricing Basis

This field is applicable for tax components only. Any charge component which is already maintained for the pricing code is allowed as basis element for tax.

Note

Pricing basis for a charge component is considered as transfer amount always. This need not be maintained specifically.

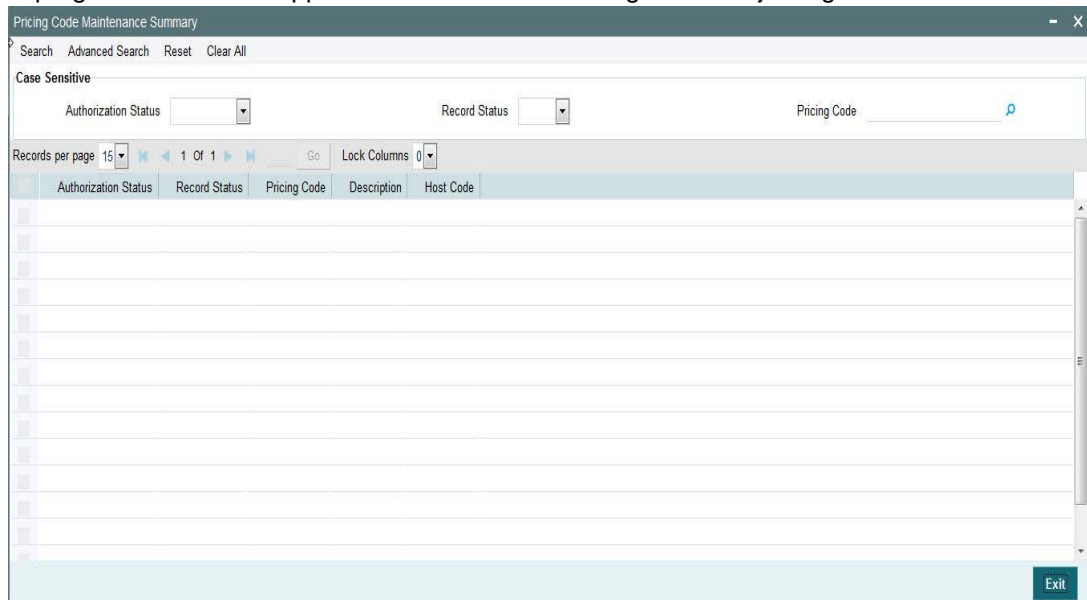
Accounting Code

Specify the accounting code for pricing liquidation.

2.1.2 Viewing Pricing Code Summary

You can view the summary in “Pricing Code Summary” screen.

You can invoke the ‘Pricing Code Summary’ screen by typing ‘PPSCDMNT’ in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.



You can search for the records using one or more of the following parameters:

- Authorization status
- Record status
- Pricing Code

Once you have specified the search parameters, click ‘Execute Query’ button. The system displays the records that match the search criteria.

Double click a record or click the ‘Details’ button after selecting a record to view the detailed screen.

2.1.3 Pricing Value Maintenance

You can maintain effective date wise, Charge/tax amount or rate applicable for components linked to a charge code in the ‘Pricing Value Maintenance’ screen.

You can invoke 'Pricing Value Maintenance' screen by typing 'PPDVLMT' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

The screenshot shows the 'Pricing Value Maintenance' application window. The top section is titled 'New Enter Query' and contains several input fields: 'Host Code *', 'Pricing Code *', 'Description', 'Effective Date *' (with a YYYYMMDD format hint), 'Source Code *', 'Customer No *', and 'Customer Service Model *'. A 'Default' button is positioned below these fields. Below the input fields is a section titled 'Price Value Details' which contains a table. The table has columns: 'Pricing Component', 'Component Description', 'Slab Based Price', 'Repaired Transaction Price', 'Price Amount', 'Price Rate', 'Amount Slab', and 'Min Amount'. The table currently displays 1 of 1 records. At the bottom of the window, there are fields for 'Maker', 'Checker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status', along with an 'Exit' button.

You can specify the following fields:

Pricing Code

Specify the pricing code. Alternatively, you can select the pricing code from the option list. The list displays all valid pricing codes maintained in the system.

Description

The system displays the pricing code description.

Effective Date

Effective date is defaulted as system date which can be modified to a future date if required. Back dated changes are not allowed.

Source Code

Specify the source code. Alternatively, you can select the source code from the option list. The list displays all valid source codes maintained in the system.

Customer Number

Specify the Customer Number. Alternatively, you can select the Customer Number from the option list. The list displays all valid Customer Numbers maintained in the system.

Customer Service Model

Specify the customer service model. Alternatively, you can select the Service Model from the option list. The list displays all valid customer service models maintained in the system.

On pressing the Default button all pricing components linked to the pricing code are displayed.

Pricing Rate

Specify the pricing rate.

Note

- For a pricing component, both rate and amount cannot be specified.
 - For tax component, only rate is allowed
-

Pricing Amount

Specify the pricing amount.

Slab Based Price

If this flag is checked price details will be maintained amount slab-wise.

Repaired Transaction Price

Check this box to indicate that the price value is dependent if the transaction is a repaired transaction.

Amount Slab Details

Click this button to specify amount slabs. Tier based calculation is not supported.

In the slab wise maintenance, provision is given to maintain price for normal/repaired transactions separately.

Price Unit

Price unit is used to update the basis amount as the multiple of unit specified (always round up of amount will be done).

Min Amount

Specify the minimum amount that is allowed for rate type charge or tax.

Max Amount

Specify the maximum amount that is allowed for rate type charge or tax.

Borne by Bank

Check this box to indicate if any price component is be paid by the bank.

Waiver Flag

If waiver flag is checked for a component, computed price amount will not get applied in customer account.

If any charge component is marked as waived, related tax components will get automatically waived.

2.1.4 Amount Slab Screen

Click the Amount Slab button to specify amount slabs. Tier based calculation is not supported.

In the slab wise maintenance, provision is given to maintain price for normal/repaired transactions separately.

Amount Slab

Component Name * DDSLB

Amount Slab Price Currency

	Basis Amount To *	Fixed Rate	Fixed Amount	Repair Rate	Repair Amount	Price U
<input checked="" type="checkbox"/>	1000			5		
<input type="checkbox"/>	15000			10		

Ok Exit

Specify the following details:

Basis Amount To

Specify the total amount.

Fixed Rate

Specify the fixed rate for normal transaction.

Fixed Amount

Specify the fixed amount for normal transaction.

Repair Rate

Specify the repair rate for repaired transaction.

Repair Amount

Specify the repair amount for repaired transaction.

Price Unit

Specify the price unit. Charge Unit is used to update the basis amount with the multiple of charge unit.

2.1.5 Viewing Pricing Value Summary

You can view the summary in 'Pricing Value Summary' screen. You can invoke the 'Pricing Value Summary' screen by typing 'PPSVLMNT' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

The screenshot shows the 'Pricing Value Maintenance Summary' application window. At the top, there is a search bar with options for 'Search', 'Advanced Search', 'Reset', and 'Clear All'. Below this, there is a 'Case Sensitive' section with several search criteria: 'Authorization Status' (dropdown), 'Record Status' (dropdown), 'Source Code' (text input), 'Pricing Code' (text input), 'Customer Service Model' (text input), and 'Effective Date' (date picker). Below the search criteria, there is a table with columns: 'Authorization Status', 'Record Status', 'Source Code', 'Pricing Code', 'Customer Service Model', 'Effective Date', 'Host Code', and 'Customer No'. The table is currently empty. At the bottom right of the window, there is an 'Exit' button.

You can search for the records using one or more of the following parameters:

- Authorization Status
- Record Status
- Source Code
- Pricing Code
- Customer Service Model
- Effective Date
- Customer Number

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or click the 'Details' button after selecting a record to view the detailed screen.

2.2 Customer Preferences

You can maintain file Deferred price preferences for corporate customers in the 'Customer Preference' screen.

You can invoke the 'Customer Preference' screen by typing 'PMDFLPRF' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button. Click new button on the Application toolbar..

Deferred Price Preferences

Deferred Pricing

Check this box if deferred pricing is applicable for the customer.

Frequency

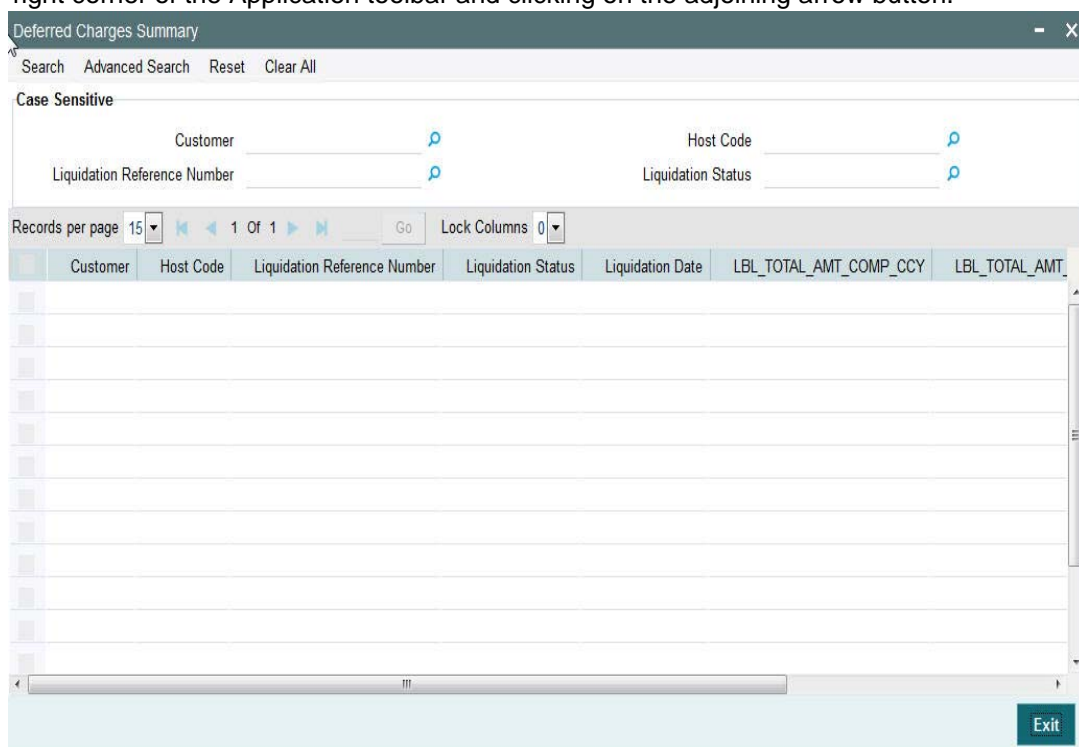
Select the required frequency. Frequency can be maintained as Daily, Monthly and Manual.

2.2.1 Deferred Charges Liquidation Summary

The Deferred Charges Liquidation Summary screen is used to view the list of all consolidated deferred charges for a charge component and an account.

Liquidation references is created by system upfront for a combination of Charge Account, Transaction Branch, Price Code & Component. This screen lists all the liquidation references both pending and liquidated.

You can view the summary in 'Deferred Price Liquidation Summary' screen. You can invoke the 'Deferred Price Liquidation Summary' screen by typing 'PPSDEFLQ' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.



You can search for the records using one or more of the following parameters:

- Customer
- Host Code
- Liquidation Reference Number
- Liquidation Status

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

On double click of a record, "Deferred Charge Liquidation Detailed" screen is launched with the details of the entry in the Header block with the detailed fields. Detailed block displays all the corresponding transaction wise individual entries with the charge amount and charge currency details.

You are allowed to initiate liquidation of a record for which liquidation status is pending.

2.2.2 **Customer Specific Pricing**

The Source, Customer Service Model (CSM) & Customer Number fields support value 'ALL' as well.

The Customer Service Model (CSM) of a customer can under a go a change, over the period of time.

Few example pricing maintenance is listed below.

1. To apply a specific pricing for a customer, irrespective of channel through which the payment is initiated and with his / her / its current CSM maintain pricing as:

Source: All

Customer ID: Specific customer ID
CSM: Current CSM of the customer

2. To maintain a specific pricing for a customer, irrespective of the channel through which the transaction is initiated and irrespective of the current CSM branch, the customer is maintain as below:

Source: All

Customer no: Specific customer ID

Customer Service Model: All

Thus, when multiple pricing combinations are maintained, the same will be applied based on the below priority:

When CSM is available

Source	CSM	Customer Number
SPECIFIC	SPECIFIC	SPECIFIC
ALL	SPECIFIC	SPECIFIC
SPECIFIC	SPECIFIC	ALL
ALL	SPECIFIC	ALL

When CSM is not available

Source	CSM	Customer Number
SPECIFIC	ALL	SPECIFIC
ALL	ALL	SPECIFIC
SPECIFIC	ALL	ALL
ALL	ALL	ALL

2.2.3 Liquidation of Deferred Charges Detailed Screen

You can liquidate the deferred charges on an ad-hoc basis for a charge account in the 'Deferred Charges Liquidation Detailed' screen.

The following Operations will be supported from the Detailed Screen:

- Enter Query: You can query a record giving a liquidation reference number.
- Save: If a record is modified for waiving charges, you can click on 'Save' to save the record.
- Liquidate: On save, the deferred charge record is processed for liquidation.

You can invoke the 'Deferred Charges Liquidation Detailed' screen by typing 'PPDDEFLQ' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

The screenshot shows the 'Deferred Charges' application window. At the top, there is a search area with the following fields: 'Host Code *', 'Customer *', 'Liquidation Reference Number *', and 'Liquidation Status'. Below these fields is a button labeled 'Accounting Entries'. The main area of the window displays a table with the following columns: 'Transaction Branch', 'Transaction reference no', 'Charge Component', 'Currency', 'Charge Debit Account', and 'Charge Account'. The table currently shows '1 Of 1' records. At the bottom of the window, there are fields for 'Authorization Status', 'Maker ID', 'Release Time', 'Checker ID', and 'Checker Date Stamp', along with an 'Exit' button.

Specify the following details:

Host Code

Specify the host code of the logged in branch.

Customer

Specify the name of the customer.

Liquidation Reference Number

Specify the Liquidation Reference for the deferred charges and query for the selected record details.

Liquidation Status

Specify the Liquidation Status for the deferred charges.

Accounting Entries

Click the Accounting Entries button to view the accounting entries pertaining to deferred charges.

You can query a deferred liquidation record by providing liquidation reference number. The following details are populated:

Transaction Branch

The system displays the required branch in which liquidation of the deferred charges are done.

Transaction reference no

The system displays the transaction reference number of the deferred charges of which liquidation is to be done.

Charge Component

The system displays the charge component.

Currency

The system displays the account currency.

Charge Account

The system displays the debit account.

Charge Account Branch

Charge account branch is displayed.

Charge Component Currency

The system displays the currency of the charge component.

Charge Amount Account Currency

The system displays the account currency.

Transaction Local Currency Amount

The system displays the amount in the local currency for the transaction.

Accounting Code

The system displays the accounting code.

Exchange Rate

The system displays the exchange rate.

Payment Type

The system displays the payment type.

Transaction Type

The system displays the transaction type.

Charge Acc Ccy

The system displays the required currency.

Pricing Code

The system displays the pricing code.

2.2.4 Deferred Charge Accounting Detail Screen

You can view the accounting entries pertaining to deferred charges.

You can invoke the 'Deferred Charge Accounting Detail' screen by typing 'PPDACCEN' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

Reference No	Entry Reference no	Transaction Branch	Lcy Ref Currency	Event Code	Amount Ta
<input checked="" type="checkbox"/> 201702061229009666886	12017030612312991911136237	X01	EUR	DCLQ	PAYCHG1_LIQD
<input type="checkbox"/> 201702061229009666886	12017030816480261021583889	X01	EUR	DCLQ	PAYCHG1_LIQD
<input type="checkbox"/> 201702061229009666886	12017031015002047462998895	X01	EUR	DCLQ	PAYCHG1_LIQD

Note

You can also view this screen from the 'Deferred Charges Liquidation Detailed' screen if you click the Accounting Entries button.

2.2.5 Transaction Reversal & Return on Deferred Charges

- In case of cancellation of a transaction before dispatch associated to deferred charge components, following is applicable:-
 - Charges not liquidated: As part of original transaction cancellation, the charge record is marked as cancelled and the corresponding entries are marked in negative.
 - Liquidated: If charge entries are already liquidated, system does not reverse the entries automatically. This has to be operationally handled.

2.2.6 Deferred Charge Liquidation Notification

Notification will be generated once liquidation accounting is done.

Notification format will be as below:

Notification Code	Details	Text
PM_DEF_CHG_1 - Debit Notification for deferred charges	Price Account	Account <Price Account>is debited for <Account Cur- rency >,<Total Amount> on < Liquidation Date> with Reference Number< Ref- erence Number>. being consolidated amount for <Component Description>
	Account Currency	
	Account Branch	
	Liquidation Date	
	Liquidation Reference	
	Charge/Tax debit amount	

2.3 External Pricing

External pricing is applicable for a transaction if 'External pricing applicable flag' is checked in Source Network Preferences (PMDSORNW).The price request is sent to the external pricing system which is linked in Host parameters as a request through JMS queue. The charge/tax received in the response message is applied to the pricing components applicable for the transaction.

For Manually Initiated Transactions, enrich button will skip Internal pricing pick-up and the necessary pricing values are fetched from the external pricing system as part of processing after Authorization.For Transactions from Upload Channels, necessary pricing values are fetched from the external pricing system during STP Processing.

Transactions are moved to External Pricing Exception Queue if the following exceptions are encountered during external price fetching:

- Response Timeout
- Unable to handle the response

3.Function ID Glossary

P

PMDFLPRF 8
PPDACCEN 12
PPDCDMNT 2
PPDDEFLQ 11
PPDVLMNT 4
PPSCDMNT 3
PPSDEFLQ 9
PPSVLMNT 7