

Oracle® Banking Cash Management

Cashflow Forecasting User Guide



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

Purpose

This guide is designed to help acquaint you with the Cashflow Forecasting functionality in Oracle Banking Cash Management module.

It provides an overview of the system and guides you, through the various steps involved in setting up and providing the cash management services for the customers of your bank.

Audience

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

Table 1 Audience

Role	Function
Back office executive	Input functions for transactions
Back office managers/officers	Authorization of functions
Product Managers	Product definition and authorization

List of Topics

This guide is organized as follows:

















Table 2 List of Topics

Topic	Description
Overview of Cashflow Forecasting	This topic describes the benefits and functionality provided by Cashflow Forecasting module.
Maintenance for Cashflow Forecasting	This topic describes the maintenance of such reference information for the Cash flow Forecasting module.
File Management	This topic describes the information on the file management functionality in Cashflow Forecasting module.
Inquiries	This topic describes the information on the various inquiries supported in the Cashflow Forecasting module.

Symbols and Icons

The following symbols and icons are used in the screens.

Table 3 Symbols and Icons

Icon	Function
	Close
	Add Row
	Delete Row
	Delete
	Search (Fetch)
	Refresh
	Collapse
	Expand
	Download
	Remarks
	Options
	Authorize
	Unlock
	Copy
	View
	Add/Remove Columns

Related Documents

For more information on any related features, refer the following documents:

- Receivables and Payables User Guide
- Collections User Guide
- Netting User Guide

- Tasks User Guide
- Oracle Banking Security Management System User Guide
- Oracle Banking Common Core User Guide
- Oracle Banking Getting Started User Guide

1

Overview of Cashflow Forecasting

This topic describes the information on the overview, benefits and functionalities of Cashflow Forecasting module.

Overview

The Cashflow Forecasting module of the Oracle Banking Cash Management system automates the process of forecasting cash by projecting the inflows and outflows for a corporate over a period. This data is received from various other systems via API's.

Benefits

- **Accurate Forecasting** – Manage accurate forecasting by consolidating forecast collection inputs through seamless integration with internal systems.
- **Automated Cashflow Forecast** – Calculate the net deficit and surplus for a specific frequency by data received as inflow and outflow data through API/File upload.
- **Reporting and Analytics** – Cashflow projections available at summary level for each Inflow/Outflow for given frequency.
- **Flexibility** – Consolidate actual/reconciled payment and forecasted cash flow data to track overdue/short payment.
- **Cost Reduction** – Increased visibility of transactions and provides easy reconciliation thus helping corporates manage and control their cash flow and reduce costs.

Functionality

- Dashboard
- Cashflow Forecasting
 - Cashflow Code Maintenance
 - Cashflow Inquiry

2

Maintenance for Cashflow Forecasting

This topic describes the maintenance of reference data to be set to use the Cashflow Forecasting functionality.

To enable the Cash Management related functionality, there is certain amount of reference data that needs to be set up on day zero.

The user may also need to identify administrators among the officers of your bank to whom you could assign the administration of cash management system.

Maintaining Core Reference Data

Your bank needs to set up certain core reference data for the cash management system to work such as list of country, currency, customer category, list of holidays, list of banks, branch, FX rates, etc.

Refer to the **Oracle Banking Common Core User Guide** for setting up core reference data.

This topic contains the following subtopics:

- [Cashflow Code Maintenance](#)
This topic describes the information to create/maintain codes along with description in the hierarchy.

2.1 Cashflow Code Maintenance

This topic describes the information to create/maintain codes along with description in the hierarchy.

Cashflow forecasting projects the inflows and outflows for a corporate over a period. This data is received from various other systems via API's. For Oracle Banking Cash Management to accept the records, the standard codes need to be maintained by which the system can identify and store such cashflow transactions.

This topic contains the following subtopics:

- [Create Cashflow Code Maintenance](#)
This topic describes the systematic instruction to create cashflow codes or add sub-codes in a hierarchal format.
- [View Cashflow Code Maintenance](#)
This topic describes the systematic instruction to view, modify, delete, or authorize cashflow codes that have been created.

2.1.1 Create Cashflow Code Maintenance

This topic describes the systematic instruction to create cashflow codes or add sub-codes in a hierarchal format.

The codes and sub codes can be created up to four levels of hierarchy. Codes can be maintained for 'Inflows' and/or 'Outflows'. The codes cannot be deleted once authorized; however, the description can be modified.

Cashflow summary and detailed statement displays the description maintained here.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Cash Flow Forecasting**.
2. Under **Cash Flow Forecasting**, click **Maintenance**. Under **Maintenance**, click **Cashflow Code Maintenance**.
3. Under **Cashflow Code Maintenance**, click **Create Cashflow Code Maintenance**. The **Create Cashflow Code Maintenance** screen displays.

Figure 2-1 Create Cashflow Code Maintenance


4. Specify the fields on **Create Cashflow Code Maintenance** screen.

 **Note:**

The fields, which are marked with an asterisk, are mandatory.

For more information on fields, refer to the field description table.

Table 2-1 Create Cashflow Code Maintenance - Field Description

Field	Description
Corporate	Click the Search icon to select a specific customer for whom the code needs to be created. Leaving this field blank creates a master code which will be applicable to all customers for a selected source application. <div style="border-left: 2px solid #0070C0; padding-left: 10px; background-color: #E6F2FF;">  Note: This field cannot be modified once authorized. </div>
Source Application	Select the source application from where code will flow to Oracle Banking Cash Management.
Channel	Select the channel from where code will flow to Oracle Banking Cash Management.
View Master Code	Click this link to view the existing master codes for selected combination of source application and channel. A pop-up screen opens from where you can view the inflows and outflows.

5. Perform the following steps in the **Inflows** and **Outflows** section as per your requirement:
 - Click **Add New Code** to add a new row for a code to be added.
 - Click **Add** icon to add a new sub-level record.
 - Click **Delete** icon to remove a record including its child records. Only unauthorized records can be deleted. In case, there is a hierarchy of codes, delete all the subcodes to delete the main code.
 - Click **Expand All** to view the child-level records of all the codes.
 - Click **Collapse All** to hide the child-level records of all the codes.
6. Click **Save** to save the record and send it for authorization.

2.1.2 View Cashflow Code Maintenance

This topic describes the systematic instruction to view, modify, delete, or authorize cashflow codes that have been created.

A tile is present for each record that has been created. The bottom portion of each record-tile displays the following:

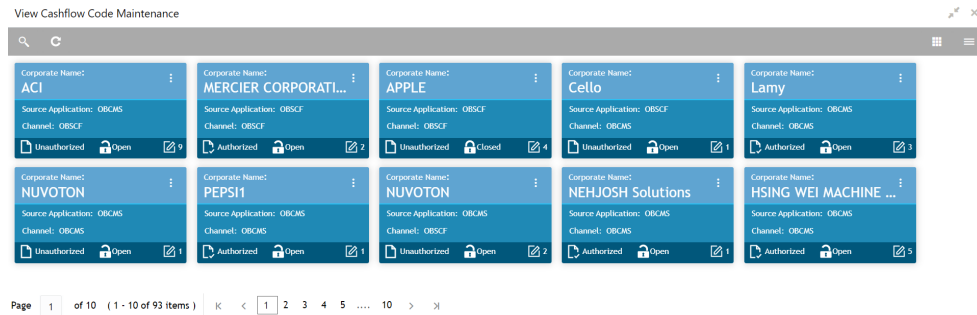
- The status, whether Authorized, Unauthorized, or Rejected
- Open or Closed
- The number of times the record has been submitted by the Maker added.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Cash Flow Forecasting**.
2. Under **Cash Flow Forecasting**, click **Maintenance**. Under **Maintenance**, click **Cashflow Code Maintenance**.

3. Under **Cashflow Code Maintenance**, click **View Cashflow Code Maintenance**. The **View Cashflow Code Maintenance** screen displays.

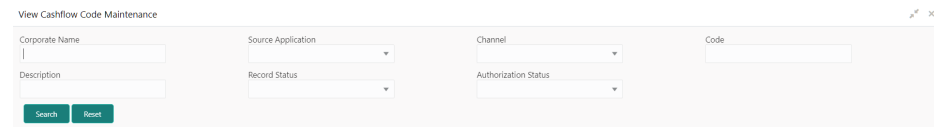
Figure 2-2 View Cashflow Code Maintenance



4. Filter the records in the **View** screen:
 - a. Click **Search** icon to view the filters. The user can filter the records by Corporate Name, Source Application, Channel, Code, Description, Authorization Status, and Record Status.

The **View Cashflow Code Maintenance - Search** screen displays.

Figure 2-3 View Cashflow Code Maintenance - Search



- b. Click **Search**.
 - c. Click **Reset** to reset the filter criteria.
5. Click **Refresh** icon to refresh the records.
6. Click **Options** icon and then select any of the following options:
 - a. **Unlock** – To modify the record details. Refer to the **Create** screen for the field level details.
 - b. **Authorize** – To authorize or reject the record. Authorizing/Rejecting requires necessary access rights.
 - Optional: Click **View** to view the record details.
 - Select the record and click **Approve** to approve the record.
 - Select the record and click **Reject** to reject the record. Specify the relevant comments in the pop-up window that appears, and click **Confirm**.
 - c. **Delete/Close** – To remove the record.
 - Optional: In the confirmation pop-up window, click **View** to view the record details.
 - Click **Proceed** to delete the record.
 - d. **Copy** – To copy the record parameters for creating a new record.

- e. **View** – To view the record details.
- f. **Reopen** – To reopen the closed record.

3

File Management

This topic describes the information on the File Management functionality provided in Cashflow Forecasting module.

The **File Management** functionality enables you to upload files in a pre-defined format. These files are auto-processed by the system based on their type and set rules. The process is mainly divided into two screens:

- [Upload Files](#)
This topic describes the systematic instruction to upload a file for auto-processing the cashflow code/transaction data into system.
- [View File Upload Status](#)
This topic describes the systematic instruction to manage the status of the uploaded files.

3.1 Upload Files

This topic describes the systematic instruction to upload a file for auto-processing the cashflow code/transaction data into system.

The **Upload Files** screen enables the user to upload files for auto-processing the cashflow code/transaction data into system. The uploaded files are not processed until it is approved. The file can contain data records of cashflow codes and cashflow transactions etc. The file format accepted by the system includes “.csv” files.

Table 3-1 Supported Files and Fields

File	Fields
Cashflow Code file	<ul style="list-style-type: none">• CASHFLOW_TYPE• SOURCE_APPLICATION• CODE• CHANNEL• DESCRIPTION• CORPORATE_ID• PARE

Table 3-1 (Cont.) Supported Files and Fields

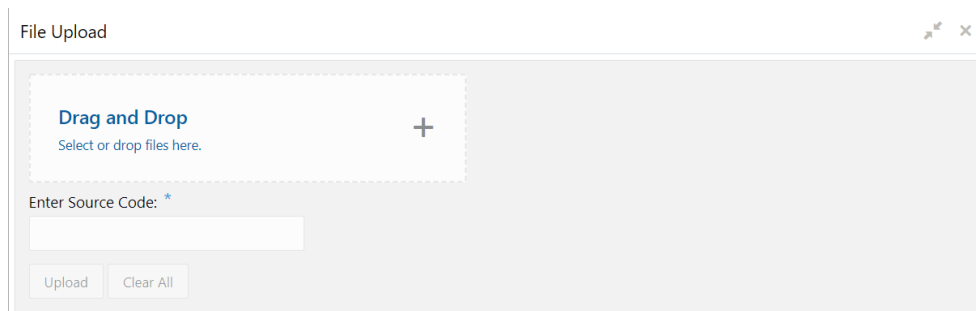
File	Fields
Cashflow Transaction file	<ul style="list-style-type: none"> • EXTERNAL_REFERENCE_NO • CASHFLOW_INDICATOR • CORPORATE_ID • CODE • DESCRIPTION • BANK_ACCOUNT_NUMBER • VIRTUAL_ACCOUNT_NUMBER • AMOUNT • ACTUAL_AMOUNT • CCY • EXPECTED_DATE • REVISED_EXPECTED_DATE • ACTUAL_DATE • CHANNEL • APPLICATION_NAME • PARTY_NAME • PARTY_ID • STATUS • NARRATION • CUSTOMER_REF_NO • T_UDF_TXT_1 • T_UDF_TXT_2 • T_UDF_TXT_3 • T_UDF_TXT_4 • T_UDF_TXT_5 • T_UDF_TXT_6 • T_UDF_TXT_7 • T_UDF_TXT_8 • T_UDF_TXT_9 • T_UDF_TXT_10

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **File Upload**.

The **File Upload** screen displays.

Figure 3-1 File Upload



2. Drag and drop the file to be uploaded in the highlighted box. or, Click inside the highlighted box to select the file to be uploaded.
3. In the **Enter Source Code** field, specify the source code of the application to associate the file records to.
4. Click **Upload** to upload the records from the file. Once the file is uploaded, it cannot be deleted.

A message appears stating that the file has been uploaded successfully.

3.2 View File Upload Status

This topic describes the systematic instruction to manage the status of the uploaded files.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **View File Upload Status**.

The **View File Upload Status** screen displays.

Figure 3-2 View File Upload Status

File Name	Maker Id	Checker Id	Total Records	Approved	Successful	Failed	Maker Time Stamp	Checker Time Stamp	Status	Action
OBSCFCM-INVOICES-BUYER_MANUAL_RECON_002.csv	SAVITAR	BALWISIN	1	1	1	0	2022-08-11 T09:05:00.000+00:00	2022-08-11 T09:09:57.000+00:00	Processed	
OBSCFCM-INVOICES-BUYER_MANUAL_RECON_001.csv	SAVITAR	BALWISIN	1	1	1	0	2022-08-11 T08:56:47.000+00:00	2022-08-11 T08:57:15.000+00:00	Processed	
OBSCFCM-PURCHASE-ORDER-SELLER_710572001108.csv	OBDX	SWETA	2	2	2	0	2022-08-11 T05:45:31.000+00:00	2022-08-11 T05:45:31.000+00:00	Processed	
OBSCFCM-PAYMENT_QA_Aug_142213.csv	OBDXM	OBDCX	1	1	1	0	2022-08-10 T17:21:07.000+00:00	2022-08-10 T17:22:10.000+00:00	Processed	
OBSCFCM-PAYMENT_QA_Aug_142212.csv	OBDXM	OBDCX	1	1	1	0	2022-08-10 T17:03:40.000+00:00	2022-08-10 T17:04:15.000+00:00	Processed	
OBSCFCM-INVOICES-SELLER_267518341008.csv	OBDX	SWETA	1	1	1	0	2022-08-10 T06:44:08.000+00:00	2022-08-10 T06:44:08.000+00:00	Processed	
OBSCFCM-CREDIT-NOTE-SELLER_515805360406.csv	OBDX	SWETA	1	1	1	0	2022-08-10 T06:07:06.000+00:00	2022-08-10 T06:07:07.000+00:00	Processed	
OBSCFCM-INVOICES-SELLER_287399681008.csv	OBDX	SWETA	1	1	1	0	2022-08-10 T05:34:27.000+00:00	2022-08-10 T05:34:27.000+00:00	Processed	
OBSCFCM-INVOICES-BUYER_714190651008.csv	OBDX	SWETA	1	1	1	0	2022-08-10 T04:48:42.000+00:00	2022-08-10 T04:48:42.000+00:00	Processed	
OBSCFCM-INVOICES-BUYER_833936271008.csv	OBDX	SWETA	1	1	0	1	2022-08-10 T04:01:41.000+00:00	2022-08-10 T04:01:41.000+00:00	Processed	

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2. Specify any of the following criteria to filter the listed file jobs:
 - In the **Filter by File Name** field, specify the partial or complete name of the file.
 - In the **Filter by Maker ID** field, specify the partial or complete Maker ID used to create the file record(s).
 - In the **Filter by Checker ID** field, specify the partial or complete Checker ID used to authorize the file.
 - From the **Filter by Status** list, select the required status of the file(s) to be filtered.
 - In the **Filter by Upload Date: Start Date** and **Filter by Upload Date: End Date**, select the start and end dates to filter file records by upload date.
3. Upon selecting the required filter criteria, click **Filter** to view the filtered records. To clear the filter criteria fields, click **Clear Filters**.
4. Click **Rejected Files** to view a list of rejected files.

The **Rejected Files** screen displays.

Figure 3-3 Rejected Files

Field	Version	Maker id	Checker id	Status	Remarks	Maker Time Stamp	Checker Time Stamp
OBSFCM-INVOICES-BUYER_AUTO-210520203_833.csv	1	GANESHM	VIAIC	R		2021-08-10T12:16:14.000+0000	2021-08-19T08:02:25.000+0000

5. Perform any of the following actions on the file records:
 - a. Click **Download** icon to download the file.
 - b. Click **Remarks** icon to view the comments added while uploading the file.
 - c. Click **Approve** in the Action column to process the file.
 - d. Click **Details** to view details of the processed file.
 - e. Click **Retry** in the Action column to retry the processing if required.

4

Inquiries

This topic describes the systematic instruction to inquire about the status of the expected debits and credits in the Cashflow Forecasting module.

Cashflow Inquiry:

The **Cashflow Inquiry** screen helps the user to inquire the status of expected debits and credits based on the various criteria such as File Name, Bank Account Number, External Reference Number, Date range, Amount range, etc.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Cash Flow Forecasting**.
2. Under **Cash Flow Forecasting**, click **Inquiry**. Under **Inquiry**, click **Cashflow Inquiry**.

The **Cashflow Inquiry** screen displays.

Figure 4-1 Cashflow Inquiry

The screenshot shows the 'Cashflow Inquiry' interface. It features a search bar at the top left with a 'Hide Search' toggle. Below it are several filter sections: 'File Name' (text input), 'Source Application' (dropdown), 'Amount Reference Basis' (dropdown), and 'Date Reference Basis' (dropdown). The 'External Reference Number' section includes a 'Corporate' text input with a search icon and a 'Currency' dropdown. The 'Date Range' section has a date range selector with calendar icons. The 'Corporate Reference Number' section includes a 'Corporate Reference Number' text input, a 'Cashflow Code' text input, and an 'Amount From' text input. The 'Channel' section has a dropdown menu. The 'Cashflow Type' section has a dropdown menu. The 'Account Number' section has a text input with a search icon. The 'Amount To' section has a text input. The 'Reconciliation Status' section has a dropdown menu. At the bottom left, there are 'Search' and 'Reset' buttons.



3. Specify the fields on **Cashflow Inquiry** screen.

Note:

The fields, which are marked with an asterisk, are mandatory.

For more information on fields, refer to the field description table.

Table 4-1 Cashflow Inquiry - Field Description

Field	Description
File Name	Specify the file name to inquire for.  Note: File name must be of at least 5 alpha-numeric characters.
External Reference Number	Specify the external reference number of the cashflow.
Corporate Reference Number	Specify the corporate reference number of the cashflow.
Cashflow Type	Select the cashflow type to search for inflow or outflow data.
Source Application	Select the source application impacted by the cashflow.
Corporate	Click the Search icon and select the beneficiary or remitter based on selected cashflow type.
Cashflow Code	Specify the specific cashflow code to inquire for.
Account Number	Click the Search icon and select the bank account number of the corporate.
Amount Reference Basis	Select the reference basis of the amount range as Expected Amount or Reconciled Amount .
Currency	Select the amount currency of the cashflow.
Amount From	Specify the lowest cashflow amount of the range.
Amount To	Specify the highest cashflow amount of the range.
Date Reference Basis	Select the reference basis of the date range as Expected Date or Reconciliation Date .
Date Range	Click the Calendar icon and select the date range.  Note: Maximum date range can be of 1 year.
Channel	Select the channel through which cashflow data is flowing.
Reconciliation Status	Select the reconciliation status of the cashflow to search by. The user can select multiple reconciliation statuses.

4. Click **Search** to view the search result.

Figure 4-2 Cashflow Inquiry - Search Result

Cashflow Inquiry ⌕ ✕

Show Search ▾ ⌕

External Reference Number	Cashflow Type	Cashflow Description	Corporate	Expected Date	Currency	Expected Amount	Reconciliation Amount
00000002011	Outflow	Salaries		2020-10-01	USD	5,500.00	0.00
00000002012	Inflow	Sale of Investment Securities		2020-10-01	USD	5,500.00	0.00
00000002014	Outflow	Lincenses and Fee		2020-10-01	USD	5,500.00	0.00
00000002028	Outflow	ISOE		2020-10-04	LBP	323,232.00	0.00
00000002029	Outflow	ISOE		2020-10-03	LBP	323,232.00	0.00
00000002031	Outflow	Lincenses and Fee		2020-10-03	GBP	2,222.00	0.00
00000002032	Outflow	Lincenses and Fee		2020-10-02	USD	5,500.00	0.00
00000002035	Inflow	Interests		2020-10-02	GBP	900.00	0.00
00000002037	Inflow	Collections from Accounts Receivables		2020-10-04	USD	5,500.00	0.00
00000002038	Inflow	Collections from Accounts Receivables		2020-10-03	USD	5,500.00	0.00
00000002039	Inflow	Collections from Accounts Receivables		2020-10-02	GBP	1,100.00	0.00

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5. Click the external reference number to view more details.
6. Click the **Add/Remove Columns** icon to select columns to be displayed in the search result.

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