Oracle FLEXCUBE Direct Banking

**Corporate Bulk Payments Administration and
Maintenance User Manual
Release 12.0.3.0.0**

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Corporate Bulk Payments Administration and Maintenance User Manual

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1. Preface

1.1. Intended Audience

This document is intended for the following audience*:*

- Customers
- Partners

1.2. 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.

1.3. Access to OFSS Support

https://support.us.oracle.com

1.4. Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual

Transaction Host Integration Matrix provides information on host integration requirements for the transactions covered in the User Manual.

Introduction provides brief information on the overall functionality covered in the User Manual

i are dedicated to individual transactions and its details, covered in the User Manual

1.5. Related Information Sources

For more information on Oracle FLEXCUBE Direct Banking Release 12.0.3.0.0, refer to the following documents:

- Oracle FLEXCUBE Direct Banking Licensing Guide
- Oracle FLEXCUBE Direct Banking Installation Manuals

2. Transaction Host Integration Matrix

Legends

NH	No Host Interface Required.
★	Host Interface to be developed separately.
✓	Pre integrated Host interface available.
✕	Pre integrated Host interface not available.

Transaction Name	FLEXCUBE UBS	Third Party Host System
Bulk Data Dictionary	NH	NH
Bulk Enrichment Definition	NH	NH
Bulk Template Definition	NH	NH
Bulk File Template Definition	NH	NH
File Control Definition	NH	NH
Bulk Registration	NH	NH
User BTID Map	NH	NH
Bulk File View	NH	NH
Bulk File Upload	✓	★
Update File status	✓	★

3. Introduction

Bulk Management allows you to upload files which contain multiple transactions. Bulk module facilitates processing of multiple transactions through a single bulk file such as Fund Transfer etc. It is a faster way of processing transactions than entering single screen transactions. Bulk module can be used to process financial and non financial transactions.

Following are the examples of financial transaction that can be covered through bulk management

- Fund Transfers

- Vendor Payments

The Transactions in the form of files will be uploaded through the internet banking. The different types of transactions will be uploaded in a file but it should be either financial or non financial transactions. You will define the file structure using the various menus like bulk template definition, bulk file template definition, bulk enrichment definition. You can restrict access to a file type to specific customers and within a customer to specific users. A file type is defined as a file template in the system. File template comprises of different bulk templates (Record Templates). The bulk template will be constructed using data elements & data enrichment definitions.

4.   Bulk Data Dictionary

The **Bulk Data Dictionary** transaction defines the smallest element in the uploaded file. This element can be account number, branch code, bank code or some other information which you want to be part of the uploaded file. Using this option existing data dictionary element can also be viewed and/or modified.

To create bulk data dictionary

1.   Log on to the **Internet Banking** application.

2.   Navigate through the menus to **Bulk Management > Bulk Data Dictionary**. The system displays **Bulk Data Dictionary** screen.

Bulk Data Dictionary

To create a new data element

3.   Click **Create New Data Element** to create a new data element. The system displays **Add Data Dictionary** screen.

Add Data Dictionary

Field Description

Field Name	Description
Data Element	[Mandatory, Alphanumeric, 50] Type the data element name.
Description	[Mandatory, Alphanumeric, 75] Type the brief description of the data element. **Note**: Special Character Space is allowed.
Field Type	[Mandatory, Drop-down] Type the data type of data element.
Min Length	[Mandatory, Numeric, 8] Type the minimum length of value that data element should hold.
Max Length	[Mandatory, Numeric, 8] Type the maximum length of value that data element should hold.
Field Format	[Optional, Alphanumeric, 100] Type the value format that data element should hold e.g. MM/DD/YYYY.
Comments	[Optional, Alphanumeric, 100] Type the extra information about the data the element.

4.   Click **Create Data Element**, the system displays the add data dictionary confirm screen.

Add Data Dictionary

To modify the existing data element

5.   Click on the alphabet to view the data elements starting with the clicked alphabet on the **Data Dictionary** screen.
OR
Click **Search** on the **Bulk Data Dictionary** screen. The system displays all the data elements.

Bulk Data Dictionary

6. Click on the name of the data element that you wish to modify. The system displays **Modify Data Dictionary** screen.

Modify Data Dictionary

7. Enter the required changes.

8. Click the **Modify Data Element** button. The system displays the **Modify Data Dictionary** screen.

Note: For the Field Description, please refer to create new data element table.

Modify Data Dictionary

9.   Click the **Close Window** to close the window.

5. Bulk Enrichment Definition

Using this option defines the bulk enrichment details to be fetched according to the field value. You can define the queries to fetch additional data based on data given in this field. For example: user can define a query to fetch the account holder name if account number is the field. Data enrichments will be used at the time of creating templates to fetch additional information on the data field supplied in the file. Enrichment helps application to get derived values or do the enrichment validation

To create bulk enrichment definition:

1.   Logon to the **Internet Banking** application.

2.   Navigate through the menus to **Bulk Management > Bulk Enrichment Definition**. The system displays the **Bulk Enrichment Definition** screen.

Bulk Enrichment Definition

Field Description

Field Name	Description
Name	[Optional, Alphanumeric, 50] Type the full/partial name of the bulk enrichment.

3.   Click **Create Enrichment**. The system displays the **Add Enrichment** screen.

Add Enrichment

Field Description

Field Name	Description
Add Details	
Name	[Mandatory, Alphanumeric, 50] Type the name of the enrichment.
Type	[Mandatory, Drop-Down] Select the enrichment type from the drop-down list. The options are: • Query Based • Java Based
Parameter Number	[Mandatory, Numeric, 8] Type the parameter number.
Parameter Field	[Mandatory, Alphanumeric, 100] Type the data elements containing the parameter value. Multiple parameter fields can be separated by # character.
Search	[Optional, Input,200] Enter the data element.
Java Class	[Conditional, Pick List] Select the java class from the pick list. It is the name of the java class containing the enrichment code. No special characters other then period (.) and underscore (_) is allowed. This field is enabled only if **Java Based** is selected in the **Type** drop-down list.
Query	[Conditional, Pick List] Select the query class from the pick list. It is the name of the query class containing the enrichment code. This field is enabled only if **Query Based** is selected in the **Type** drop-down list.

4. Enter the name, description and parameter related details of the enrichment.

5. Click **Create Enrichment**. The system displays the **Add Enrichment** screen with the added enrichment.
OR
Click **Reset Enrichment** to clear the screen.

Add Enrichment

6.   Click **Create Another Enrichment** to create new enrichment.
      OR
      Click **Close Window** to close the window.

7.   Click **search** on the bulk enrichment definition. The system displays the **Bulk Enrichment definition** screen.

Bulk Enrichment Definition

Field Description

Field Name	Description
Name	[Display] This field displays the name of the enrichment.
Type	[Display] This field displays the type of the enrichment.
Parameter Number	[Display] This field displays the parameter number.
Parameter Field	[Display] This field displays the data elements containing the parameter value.
Copy Enrichment	[Display] This field displays the Copy link.

8.   Click **Copy** link to copy the enrichment.
OR
Click **Name** link. The system displays the **Modify Enrichment** screen

Modify Enrichment

Field Description

Field Name	Description
Name	[Display] This field displays the name of the enrichment.
Type	[Mandatory, Dropdown] Select the type of the enrichment from the dropdown list.
Parameter Number	[Mandatory, Drop-Down] Select the enrichment type from the drop-down list. The options are: • Query Based • Java Based
Parameter Field	[Input, Alphanumeric,100] Type the parameter number. **Note**: Special character # is allowed.
Java Class	[Conditional, Pick List] Select the java class from the pick list. It is the name of the java class containing the enrichment code. No special characters other then period (.) and underscore (_) is allowed. This field is enabled if **Java Based** enrichment is selected for modify.

Field Name	Description
Query	[Conditional, Pick List] Select the query class from the pick list. It is the name of the query class containing the enrichment code. This field is enabled if **Query Based** enrichment is selected for modify.

9. Click **Modify Enrichment**. The system displays the **Modify Enrichment Confirm** Screen.

Modify Enrichment

10. Click **Close Window** to close the **Modify Enrichment** screen.

11. Click **Copy** link on the **Bulk Enrichment Definition** screen. The system displays the **Add Message Template** screen.

Copy Enrichment

Field Description

Field Name	Description
Old Enrichment Name	[Display] This field displays the existing name of the *Enrichment*.
New Enrichment Name	[Optional, Alphanumeric] Select the type of the enrichment from the dropdown list.

12. Enter the new enrichment name to copy the existing enrichment.

13. Click **Ok**. The system displays the **Confirmation** screen.
    OR
    Click **Close Window** to cancel the transaction and close the window.

Copy Enrichment Confirm
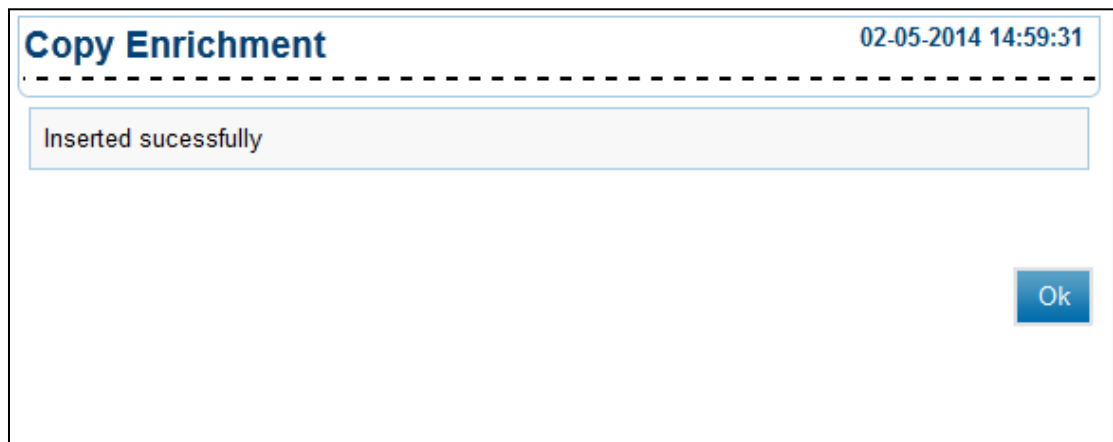
14. Click **Ok** to close the **Copy Enrichment** screen.

6.   Bulk Template Definition

The Bulk Template Definition is built using the data dictionary elements defined in the data dictionary maintenance. The template represents a single transaction record in the uploaded file which could be repeated finite amount of time in the uploaded file. Using this option you can search the existing bulk templates by specifying a field value or by clicking the corresponding letter link on the screen. you can also create the basic file template which defines the structure of any bulk upload and attach Sub Templates created in Bulk Template transaction to the Bulk File Template The modify or copy of the template is also possible using this option

The screen accepts information like number of fields in the template, the prefix and the postfix information which is used to parse the uploaded file.

To create a New Bulk Template

1.   Logon to the **Internet Banking** application.

2.   Navigate through the menus to **Bulk Management > Bulk Template Definition**. The system displays the **Bulk Template Definition** screen.

Bulk Template Definition

3.   Click on any of the alphabets displayed as hyperlink or click on the **search** button to view the already existing template definitions.

4.   Click **Create New Message Template**. The system displays **Add Message Template** screen.

Add Message Template

Field Description

Field Name	Description
Step 1- Basic Template Details	
Id Template	[Mandatory, Alphanumeric, 25] Type the unique bulk template id.
Template Description	[Mandatory, Alphanumeric, 50] Type the brief description of the bulk template.
Custom Validator	[Optional, Pick list] Type the Java class name that will be used as custom validator. OR Select the custom validator from the pick list.
Separator String	[Optional, Alphanumeric, 8] Type the separator string For example, Comma, space etc.
No. of Fields	[Mandatory, Drop-Down]. Select the no of data elements that will be a part of the template from the drop-down list.
Prefix	[Optional, Alphanumeric,10] Type a prefix character that will be used to identify the start of record.
Postfix	[Mandatory, Drop-Down, Alphanumeric] Type a postfix character that will be used to identify the end of record.
Terminator	[Optional, Alphanumeric, 25] Type a terminator character that will be used to indicate end of bulk template
Adjustment	[Optional, Numeric,15] Type a number to go one position ahead or behind.

Field Name	Description
Business Type	[Optional, Drop-down] Select the business type from drop-down list. The option are as follows: A – Advice. C – Control and Trailer. F – Consol. M- Mixed. Z – No Processing. T –Instruction and Response. H – Header.
Type Template	[Optional, Drop-down] Select one of the following from the dropdown list. The options are • Normal – Ordinary template. • Placeholder – To be used in conjunction with Bulk Enrichment Definition.
isFinRequest	For future use.

5.   Enter the relevant details.

6.   Click **Next**. The system displays the **Add Sub Template Details** screen.

Add Sub Template Details

Field Description

Field Name	Description
Step 2- Sub Template Details	
ID Template	
Sub Template Name	[Display] This field displays the sub template name.

Field Name	Description
Reference Field	For Future Use.
Data Type	[Display] This field displays the data type of the field.
Min Length	[Display] This field displays the minimum length of the field.
Max Length	[Display] This field displays the minimum length of the field.
Format	[Input] This field displays the value format that field e.g. MM/DD/YYYY.
Allowed Characters	[Display] This field displays the character that is allowed and should be present in the uploaded file.
Request	[Optional, Check box] Select the **Request** Check box if the field request is necessary.
Validate	[Optional, Check box] Select the **validate** Check the box if the field validation is required
Mandatory	[Optional, Check box] Select the **Mandatory** Check the box if the field is mandatory
Divider	For Future Use.

7. Select the sub template and click the **Insert** button.

8. Enter the other relevant fields and click the **Next** button, the system displays the following screen.

Add Sub Template Details

Field Description

Field Name	Description
Custom Validator	[Optional, Pick list] Type the Java class name to be used as custom validator. Click Validators link and select one of the java classes from the list.
Error Code	[Optional, Alphanumeric, 20] If required, provide application message ID for custom error message.
Free Text	[Optional, Input,250] Enter Parameter for custom validator.
Fix Length Flag	[Mandatory, Drop-down] Select one of the following: • Fixed – Fixed length field. • Variable – Variable length field.
Justification	[Mandatory, Drop-down] Select one of the following: • Left – Left justified field value. • Right – Right justified field value.
Fill Char	[Optional, Alphanumeric,1] Enter the fill character used to fill up the blank spaces if needed.
Delimiter	[Optional, Input, 20] Enter the character used for delimiting the field value. This is applicable only when the file is of variable type.

Field Name	Description
Prefix Length	[Optional,Numeric,3] Enter the length of prefix.
Postfix Length	[Optional,Numeric,3] Enter the length of postfix.
Type Field	[Mandatory, Dropdown] Select the type of the field. **Note:** You can specify whether the field is a simple stand alone field or a group field.
Z-Field	[Optional, Dropdown] Select the value. **Note:** You can specify whether the field will be defined in the bulk file being uploaded or whether it will be enriched.
Is Param Field	[Optional, Check box] Select the parameter field check box if it is used as a parameter field.
Is Placeholder	[Optional, Check box] Select the Is placeholder check box if it is got from the enrichment
Enrichment	[Optional, Dropdown] It is application to get derived values or do the enrichment validation while parsing data. Select any of the enrichment.
Is Aggregate	[Optional, Check box] Select the Is aggregate check box if the data element value is to be aggregated.
Min Occ	[Optional,Numeric,3] Enter minimum number of occurrence.
Max Occ	[Optional,Numeric,3] Enter maximum number of occurrence.

Field Name	Description
Fin Field	[Optional, Check box]
	Select the Map Fin Field check box, you will get the list of Financial Fields .Select any of the Fin field to map the data element to it.
	If Advices are to be prepared for this template please map ADVICETOKEN1 to ADVICETOKEN100.
	If there is no Annexure template (example RBI) and data needs to be taken from Transaction/Mixed Template then the FinField (NOANNEXUREDATA) should be mapped to any subTemplateName.
	Data present under that subTemplateName is not considered for this finfield

9. Enter the required fields and click **Next.** The system displays the **Verify Template** screen.

Template Verify

10. Verify the details and click the **Finish** button, the system displays the **Complete Add Template** screen.
    OR
    Click **Back** to return to the previous screen.
    OR
    Click **Close Window** to close the transaction.

Add Template Complete

11.   Click **Create Another** to return to the **Add Template definition** screen.
        OR
        Click **Close Window** to close the transaction.

        To Modify The Existing Template Definition:

12.   Click on the alphabet to view the bulk template definition starting with the clicked
        alphabet on the Template Definition page.

        Bulk Template Definition

13.   Click on the name of the **Bulk Template Definition** that you wish to modify.

        Template Definition

14. Click the **Modify Template** button, the system displays the **Modify Template Definition** screen which is same as **Template Definition** screen. .

Modify Message Template

15. Make the required changes and click **Next**.

Note: For the description of the fields, please refer To create Bulk Template Definition**.**

OR
Click **Close Window** to close the transaction.

Modify Template

16.   Make the necessary modifications and click the **Next.**

Note: For the description of the fields, please refer to create Bulk Template Definition**.**

OR
Click **Back** to return to the previous screen.
OR
Click **Close** to close the screen.

Modify Template

17.   Make the necessary modifications and click **Next**.

Note: For the description of the fields, please refer to the Create Bulk Template Definition**.**

Verify Template

18.   Verify the details and click **Finish** button.
        OR
        Click **Back** to return to the previous screen.
        OR
        Click **Close Window** to close the screen.

Template Details

19.   Click **Close Window** to close the screen.

To copy Bulk Template

Typically this is done to introduce a template or use an existing template with minor modifications.

20.   To copy a particular **Bulk Template**, click on the alphabet with which it starts.

Bulk Template Definition

21. Click **Copy** to copy the bulk template .Enter the **New Template Name** and click **Ok**.

22. The new copied template is also seen in the list of **Bulk Template Definition** screen.

23. Click **Delete** to delete the bulk template.

7. Bulk File Template Definition

Using this transaction you can create or modify the bulk template. This option allows you to search the bulk template alphabetically or by specifying the field value *Alphabetical* search, it will show all the template files initiating with that alphabet.

To create new bulk file template:

1. Log on to the **Internet Banking** application.

2. Navigate through the menus to **Bulk Management > Bulk File template Definition** .The system displays the **Bulk File Template Definition** screen.

Bulk File Template Definition

3. Click the **Create New Bulk File Template** button to create a new bulk file template. The system displays the **Add Bulk Base Template** screen.

Add Bulk Base Template

Field Description

Field Name	Description
Base Template ID	[Mandatory, Input, 40-] Type the base template id.
Number of Sub Templates	[Mandatory, Numeric, 2] Type the number of sub template.

4. Enter the base template ID and the Number of Sub Templates.

5. Click **Next**. The system displays the **Add Sub Template Details** screen.
   OR
   Click **Close Window** to close the transaction.

Add Sub Template Details

Field Description

Field Name	Description
Template ID	[Mandatory, Drop-Down] Select the template ID from the drop-down list. You can view the selected data in the bulk data file.
Template Type	[Mandatory, Drop-Down] Select the template type from the drop-down list. The options are as follows: Mixed: This type of template contains more than one type of transaction such as Cheque, DD etc. Record: This type of template contains only cheque type transaction. Section: This type of template contains collection of records with instructions and its corresponding details. To repeat a particular pattern, the section template is used.
Min Occ	[Mandatory, Numeric,3] Type the minimum occurrence of the records that should be present in the bulk data file to be uploaded.
Max Occ	[Mandatory, Numeric,3] Type the maximum occurrence of the records that should be present in the bulk data file to be uploaded.
Keep Prefix	[Optional, Checkbox] Select the **Keep Prefix** check box to give the prefix for the bulk template.
Keep Postfix	[Optional, Checkbox] Select the **Keep Postfix** check box to give the postfix for the bulk template.

Field Name	Description
Seq. No.	[Mandatory, Numeric,5] Type the sequence number of the template ID in the bulk data file.
Parent ID	[Display] This field displays the parent ID of the template. Parent Template ID is same as Template ID. Once the Base Template Id is defined, Parent Id field automatically gets populated.
Child Count	[Conditional, Numeric,3] Type the child count number for the section template. This field is enabled if the **Section** option is selected from the **Template Type** from the drop-down list.
Bulk Transaction Identifier	[Optional, Input] Enter the bulk transaction Identifier associated with the file.

6. Click **Next**. The system displays **Add Bulk Template Details Verify** screen.
    OR
    Click **Close Window** to close the transaction.

Add Bulk Template Details

Add Bulk Template Details.

Step1 : Basic Template Details

Base Template ID*: 123	Number of Sub Templates*: 1

* Mandatory Fields

[Back] [Close Window] [Finish]

Step2 : Sub Template Details

Template ID	Template Type	Min Occ	Max Occ	Keep Prefix	Keep Postfix	Seq No.	Parent Id	Child Count	Bulk Transaction Identifier
123	M	1	3	N	N	1	123	0	

7. Click **Back** to go back to the previous screen.
    OR
    Click **Close Window** to close the transaction.
    OR
    Click **Finish**. The system displays the **Add Bulk Template Details** confirmation screen.

Add Bulk Template Details

8.   Click **Close Window** to close the transaction.

To Search and Modify the Existing Bulk File Template:

Bulk File Template Definition

9.   Click the alphabets for the alphabetical search Or the **Search** button. The system displays the **Bulk File Template Definition** screen with the search result.

Bulk File Template Definition

10.   Click the ID request link to modify the ID details. The system displays the **Add Sub Template Details** screen.

Add Sub Template Details

11.   Click the **Edit** link to modify a particular **Template ID**.

Add Sub Template Details

12.   Enter the required change.

13.   Click **Next**. The system displays the **Add Sub Template Details** verification screen.

Add Sub Template Details

14.   Click **Back** to go to the previous screen.
OR
Click **Close Window** to close the transaction.
OR
Click **Finish** after verifying the details. The system displays the **Add Bulk Template Details** confirmation screen.

Add Bulk Template Details

15.   Click the **Close window** to close the transaction.

8. File Control Definition

Using File Control Definition option, an administrator can assign country specific mappings for bulk file template definition. It also allows specifying additional constraints to the file template definition.

To create the file control definition

1. Log on to the **Internet Banking** application.

2. Navigate through the menus to **Bulk Management > File Control Definition**. The system displays the **File Control Definition** screen.

3. Select the **Bulk File Template ID**.

File Control Definition

Field Description

Field Name	Description
Bulk File Template ID	[Mandatory, Drop-Down]
	Select the bulk file template ID from the drop-down list.
Entities Allowed	[Mandatory, Check Box]
	Select the appropriate check box for the country registered under multi entity setup.
Financial	[Optional, Check Box]
	Select the Financial check box to indicate that file template can be used as financial upload.
Transaction Type	[Mandatory, Drop-Down]
	Select the transaction type to which the file template caters.

Field Name	Description
Bulk File Template Id	[Display]
	This column displays the Bulk File Template Id.
	Click the Bulk file Template Id radio button to select a Bulk File Template Id.
Entities Allowed	[Display]
	This column displays the Entities Allowed.

4.   Click **Submit**. The system displays the **File Control Definition-Verify** screen.

   File Control Definition-Verify

5.   Click **Confirm** to complete the File Control Definition and go to the **File Control Definition-Confirm** screen with the status message.
      OR
      Click **Back** to go back to **File Control Definition** screen.

   File Control Definition-Confirm

6.   Click **Ok**. The system displays the **File Control Definition** screen.

   To Modify or Delete File control Definition:

7.   Select **Bulk File Template ID** in **File Control** definition.

   File Control Definition

8.   Click **Modify** button. The system will display the **Verify** screen.

    File Control Definition Verify

9.   Click **Confirm** button. The system will display the **Confirm** screen.

    File Control Definition Confirm

10.   Click **OK**.

9. Bulk Registration

This option allows you to register for bulk file upload. Using this option you can access the Bulk file templates to view and assign. You can also view the list of bulk registration created on earlier occasions.

To create a bulk registration

1. Logon to the **Internet Banking** application.

2. Navigate through the menus to **Bulk Management > Bulk Registration**. The system displays the **Bulk Registration** screen.

Bulk Registration

Field Description

Field Name	Description
Entity	[Mandatory, Drop-Down]
	Select the entity from the drop-down list.
Customer Id	[Mandatory, Input, 20]
	Type the customer ID

3. Click **Search**. The system displays the Bulk Registration screen with the search criteria.

Bulk Registration

Field Description

Column Name	Description
Customer Id	[Display]
	This column displays the customer ID
Customer Description	[Display]
	This column displays the customer name

4. Click the radio button adjacent to the customer ID column to view the registration details.

5. Click **Next**. The system displays the **Bulk Registration** screen with the details.

Bulk Registration

6. Click **New Bulk Registration**. The system displays the **New Bulk Registration** screen.
   OR
   Click **Cancel** to navigate to the previous screen
   OR
   Click **Edit** link to make changes in the **Bulk Registration**.
   OR
   Click **Bulk Identifier** hyperlink to view the details of the **Bulk Registration**.

New Bulk Registration

Field Description

Field Name	Description
Selected Customer	
Entity	[Display] This field displays the name of the Entity.
General	
Bulk Identifier	[Mandatory, Alphanumeric, 10] Type the bulk type code for the selected customer ID
Bulk Description	[Mandatory, Alphanumeric, 50] Type the bulk type description for the selected customer ID

Field Name	Description
Payment Type	[Optional, Drop-Down] Select the payment type from the drop-down list. The options are: • Single Debit Single Credit • Single Debit Multiple Credit • Multiple Debit Single Credit It is an accounting entry type at the host system.
Transaction Type	[Mandatory, Drop-Down] Select the transaction type from the drop-down list. The values are: • Internal Transfer • Domestic Transfer • International Transfer • Mixed Payments • Credit Card Payments • Virtual Accounts

Authorization Limit and Authorization

Authorization	[Optional, Drop-Down] Select the authorization criteria from the drop-down list. The options are: • File • Record

S2S Functionality

S2S Required	[Optional, Checkbox] Select the checkbox to enable / disable S2S functionality for the BTID. Below fields will be enabled if 'S2S Required' flag is checked.

Field Name	Description
S2S Mode	[Conditional , Radio Button] Select S2S mode through which client will send the bulk upload files. This field will be enabled only if 'S2S Required' flag is checked. The Values are: • Host to Host integration • HTTPs request
Destination Path	[Optional, Input box, 100] Enter the destination location of the server path to which acknowledgement and response file should be pushed. This field will be displayed if 'Host to Host integration' Mode has been selected.
Response URL	[Optional,Input,100] Enter the client url to which acknowledgement and response file should be sent.
Bulk Tech Info	
Processor	[Optional, Drop-Down] Select the processor from the drop-down list. The options are: • Beneficiary Processor • Default Processor
Preprocessor	[Optional, Drop-Down] Select the preprocessor from the drop-down list.
Bulk File Template	[Optional, Drop-Down] Select the bulk file template from the drop-down list.
Decrypt Processor	[Optional, Dropdown] Select the type of Encryption from the dropdown. The Options are: • Both checksum and Encryption • Checksum encryption • Encryption only • Both checksum and Encryption • No checksum and No Encryption • Password Based Encryption

Field Name	Description
Action Required	[Optional, Checkbox This flag indicates whether the corporate upload file consist of advice portion]
Email Advice Info	
Email Advice	[Optional, Check box] This field allows bank user to enable / disable Email Advice for the BTID.
Email Advice Format	[Conditional, Radio Button] This field helps bank admin to set the Email advice format. This field will be enabled only if 'Email Advice flag is checked. The values are: • Default • Custom
Custom Format Template ID	[Mandatory, Inputbox,30] Enter the Custom Email Advice Template ID. This field is mandatory if 'Custom Email Advice' is selected.
Step information Details	
Step Information	[Optional, Check box, Input box for mobile number and email ID] Select the Description check box if an alert is to be generated at any step and the mobile number and email ID to which the alert is to be sent.. The values are: • Received • Decrypt • Pre process (Validate and enrich) • Authorization • Processing (Transaction Processing) • Response Generation • Completed
Mobile Number	[Optional, Numeric,12] Type the Mobile Number
Email	[Optional, Alphanumeric,100] Type the email ID of the customer

7.   Click **Next**. The system displays the **Bulk Registration - Verify** screen.
        OR
        Click **Cancel** to navigate to the previous screen.

Bulk Registration - Verify

8.   Click **Confirm**. The system displays the **Bulk Registration - Confirm** screen with the status message
        OR
        Click **Cancel** to navigate to the previous screen.

Bulk Registration - Confirm

9.   Click the **Register a New Bulk ID** button. The system displays the **New Bulk Registration** screen
OR
Click **Ok** to return to the **Bulk Registration** screen.

Bulk Registration

10.   Click **Edit** link to edit the bulk registration. The system displays the **Edit Bulk Registration** screen.

Edit Bulk Registration

11.   Enter the required changes

12.   Click **Submit**. The system displays the **Edit Bulk Registration-verify** screen.
OR
Click **Cancel** to cancel the transaction.

Edit Bulk Registration- Verify

13. Click **Confirm** to confirm the transaction.
    OR
    Click **Cancel** to cancel the editing.

Edit Bulk Registration- Confirm

Transaction with reference number 110194021438968 is in Accepted state.

Edit Bulk Registration-Confirm   19-08-2014 14:11:27 GMT +0530

Entity: FLEXCUBE DIRECT BANKING 12 B1
Customer Id: 00008444
Customer Description: MRD1

Reference Entities

Entity: Third Party Entity

General

Bulk Identifier: FDSDFDDS   Bulk Description: FDGG
Payment Type: Single Debit Multiple Credit   Transaction Type: Bulk Credit Card Payments

Authorization Limit And Authorization

Authorization: File

Bulk Tech Info

Processor: Default Processor
Pre Processor: Default Pre Processor
Bulk File Template: BULK_FILE_SDMC_TEMPLATE_CSV
Decrypt Processor: Both Check Sum And Encryption
Advice Required: ☑

Email Advice

Email Advice Required: ☐

S2S Functionality

S2S Required: No   S2S Mode:

Step Information (Details)

Description:	Mobile No.:	Email:
Received		
Decrypt		
Pre Process Validate and Enrich		
Authorization		
Processing Transaction Processing		
Completed		

OK

14.   Click **OK** to return to the **Bulk Registration** screen.

10. User BTID Map

Using this option you are allowed to assign the bulk file template. In addition it allows setting up of the sensitive data check. Mapping of BTID is a mandatory step for you to enable the step of uploading the file. You can map only bulk file templates which are mapped to the primary customer ID.

Note: If the **User BTID Mapping required** check box in **User Profile** is not selected, you would not be available in this transaction. All the Bulk Types mapped to the customer in **Bulk Registration** would be available by default. This option allows you to map/un map the bulk transaction ID's.

To map user BTID

1. Log on to the **Internet Banking** application.

2. Navigate through the menus to **Bulk Management > User BTID Map**. The system displays the **User BTID map** screen.

User BTID Map

Field Description

Field Name	Description
User Type	[Mandatory, Drop-Down]
	Select the user type from the drop-down list.
First Name	[Optional, Drop-Down, Alphanumeric, 20]
	Select the search criteria for the first name from the drop-down list.
	The options are:
	• Starts With
	• Ends With
	• Equals
	• Contains
	Type the search string in the adjacent field.
	For Example:
	If you select the search criteria as **Starts With** and enter **A** in the adjacent field, then the system displays all the customer first names starting with **A**.

Field Name	Description
Last Name	[Optional, Drop-Down, Alphanumeric, 20]
	Select the search criteria for the last name from the drop-down list.
	The options are:
	• Starts With
	• Ends With
	• Equals
	• Contains
	Type the search string in the adjacent field.
	For Example:
	If you select the search criteria as **Starts With** and enter **E** in the adjacent field, then the system displays all the customer last names starting with **E**.
User Id	[Optional, Drop-Down, Alphanumeric, 16]
	Select the search criteria for the user ID from the drop-down list.
	The options are:
	• Starts With
	• Ends With
	• Equals
	• Contains
	Type the search string in the adjacent field.
	For Example:
	If you select the search criteria as **Starts With** and enter **1** in the adjacent field, then the system displays all the user ID's starting with **1**.
Email	[Optional, Drop-Down, Alphanumeric, 100]
	Select the search criteria for the email ID from the drop-down list.
	The options are:
	• Starts With
	• Ends With
	• Equals
	• Contains
	Type the search string in the adjacent field.
	For Example:
	If you select the search criteria as **Starts With** and enter **L** in the adjacent field, then the system displays all the email ID's starting with **L**.

Field Name	Description
Customer Id	[Optional, Drop-Down, Alphanumeric, 20]
	Select the search criteria for the customer ID from the drop-down list.
	The options are:
	• Starts With
	• Ends With
	• Equals
	• Contains
	Type the search string in the adjacent field.
	For Example:
	If you select the search criteria as **Starts With** and enter **L** in the adjacent field, then the system displays all the customer ID's starting with **L**.
From Date	[Optional, Date Picker]
	Select the from date for date range for the search criteria
To Date	[Optional, Date Picker]
	Select the to date for date range for the search criteria

3. Enter the relevant information for the search criteria.

4. Click **Search**. The system displays the **User BTID Map** screen with the search result.

User BTID Map- Search Results

Field Description

Field Name	Description
Search Condition	[Display]
	This field displays the search condition.
Entity	[Display]
	This field displays the entity.

Field Name	Description
User Type	[Display] This field displays the user type.
User Details	
User Id	[Display] This field displays the user ID.
User Description	[Display] This field displays the user description.
Email	[Display] This field displays the user's email address.
Channel	[Display] This field displays the user channel.

5. Click the link below the **User Id** column. The system displays the **User BTID Map** screen.

User BTID Map

Field Name	Description
Do you want to	[Mandatory, Radio Button] Click the appropriate radio button to map/un map the BTID.

6. Click the appropriate Radio Button to select the BTID to be mapped/ unmapped.
7. Click **Search**. The system displays the **User BTID Map** screen.

User BTID Map

Note: If S2S user is selected in the previous screen then, BTIDs enabled for S2S functionality will only be displayed.

Only one S2S user can be mapped to a BTID and vice-versa. If one BTID is already mapped to a S2S user .

Field Description

Field Name	Description
BTIDs to be mapped	
Bulk Identifier	[Mandatory, Check Box]
	Select the check box adjacent to the **Bulk Identifier** column to map/un map a BTID.
Bulk Description	[Display]
	This column displays the description of the bulk identifier.
Sensitive Data Check	[Optional, Checkbox]
	This column displays the description of the bulk identifier.

8. Select the checkbox and click **Submit**. The system displays the **User BTID Map -Verify** screen.

User BTID Map – Verify

9. Click **Confirm**. The system displays the **User BTID Map - Confirm** screen with the status message
OR
Click **Cancel** to cancel the BTIP Map transaction.

User BTID Map – Confirm

10. Click **OK**. The system displays the **User BTID Map** screen.

11. Bulk File View

Using this option you are allowed to view the bulk files uploaded by the customer. This function should provide customer to view result of bulk files uploaded. The search can be filtered on various parameters like status, transaction identifier. You can trace the status of the file and if there is an error in the file, you can also download the error file to arrive at the exact reason for error. You can also trace the history of the file. Individual record details can also be checked.

To view bulk files:

1. Logon to the **Internet Banking** application.

2. Navigate through the menus to **File Upload > Bulk File View**. The system displays the **Bulk File View** screen.

Bulk File View

Field Description

Field Name	Description
Entity	[Mandatory, Drop Down]
	Select the entity from the drop down list.

3. Select the entity from the drop down list

4. Click **Submit**. The system displays the **Bulk File View** screen.

Bulk File View

Field Description

Field Name	Description
Search Criteria	
E-Banking Reference Number	[Mandatory, Input Box] Enter the e-banking reference number, entered by the user as a search parameter.
Bulk Transaction Identifier	[Mandatory, Drop-Down] Select the bulk transaction identifier from the drop-down list.
Transaction Type	[Mandatory, Drop-down] Select the transaction type associated with bulk file from the drop down list. The values are: - Internal Transfer - Domestic Transfer - International Transfer - Mixed Payments - Credit Card Payments - Virtual Accounts
File Processing Status	[Mandatory, Drop-down] Select the status of the bulk file.
Upload Start Date	[Optional, pick list] Select the start date of uploading from the pick list.
Upload End Date	[Optional, pick list] Select the end date of uploading from the pick list.
File Name	[Optional, Alphanumeric,] Type the name of the file.
File Reference No	[Optional, Numeric,20] Type the file reference number which was generated while uploading the file.
Customer ID	[Optional, Numeric,10] Type the customer ID.
Bulk File Summary	

Field Name	Description
Bulk Transaction Identifier	[Display, Hyperlink] Select the BTID linked to the file to view the details.
Transaction Type	[Display] This field displays the type of transaction contained in the file
File Status	[Display, Hyperlink] This field displays the current status of file click on hyperlink to view the details of the file.
No. of files	[Display] This field displays the count of files present.
Currency	[Optional, Dropdown] Select the desired currency type from the dropdown.
From Amount	[Optional, Input Box, Numeric, 15] Enter the desired value for "**From Amount**", based on which search is to be carried out.
To Amount	[Optional, Input Box, Numeric, 15] Enter the desired value for "**To Amount**", based on which search is to be carried out.

5. Type the search criteria and click **Search**. The **Bulk File View** screen is displayed.
   OR
   Click **Bulk Transaction Identifier** link.
   OR
   Click **File Status** link to view the **Bulk File** view screen.

Bulk File View

Field Description

Field Name	Description
E-Banking Reference Number	[Display] Displays the e-banking reference number, entered by the user as a search parameter.
File Reference Number	[Display, Hyperlink] This column displays the file reference number.
File Name	[Display, Hyperlink] This column displays the Name of the uploaded file. Click on the hyperlink to view the file details
User ID	[Display] This column displays the User ID of user who has uploaded the file.
Amount	[Display] This column displays the total amount of transaction Amount uploaded in the file.
No of Transactions	[Display] This column displays the total number of transactions.
Bulk Identifier	[Display] This column displays the BTID linked to the file.
Bulk Description	[Display] This column displays the bulk transaction identifier (BTID) description.
Receive Date	[Display] This column displays the date on which the file was received.
Status	[Display] This column displays the status of the file.
Transaction Type	[Display] This column displays the type of transaction contained in the file.
Auth. Type	[Display] This column displays the type of authorizer used to authorize the file.
Auth. Number	[Display] This column displays the number of users have authorized the file.
Currency	[Display] Displays the selected currency type.

Field Name	Description
From Amount	[Display]
	Displays the value entered as a "**From Amount**", based on which search is carried out.
To Amount	[Display]
	Displays the value entered as a "**To Amount**", based on which search is carried out.
S2S Response	[Display]
	Displays the value entered as a "**To Amount**", based on which search is carried out.
	Note: This field will be displayed only if selected BTID is enabled for S2S.
Downloaded Handoff File	[Display]
	Displays the handoff file generated
Last Handoff Downloaded User	[Display]
	Displays the bank administrator ID who already downloaded the file. Else, the field is left blank.
Last Handoff Download Time	[Display]
	Displays the time of Handoff file generated

6. Click the links available on each of the column headings to set them in the ascending or descending order.

7. Click the **Customize Columns** link , The system displays the **Customize Columns** screen

Bulk File View - User Preferences

8.   Click the checkbox corresponding to the field which is to be displayed.

9.   Click **Download** link to set the downloading preferences. The system displays the **Bulk File View** downloading screen.

Bulk File View – Download

Field Description

Field Name	Description
Download Type	[Mandatory, Drop Down] The options are: • Pre-Defined • Page- Layout
File Format	[Optional, Drop Down] Select the appropriate download type from the drop down list The options are: • PDF • XLS • HTML • RTF.

10. Select the fields to appear on output using **>>** and **<<** buttons.

11. Click **Download**. The system displays the **File Download screen.**

12. Click **Open with** to open the file with the desired application.
    OR
    Click **Save File** to save the file at the desired location.

13. Click **OK**. The **Save As** screen appears.

14. In the **Field name** field, type the name of the file to be saved.

15. Click **Save.**

16. Click the **Print** link to print the search results.

17. Click the **Word Wrap** link to optimize the data in the search results column.

18. Click the **File Reference Number** hyperlink in the main screen of bulk file view to view the bulk file record details.

Bulk File Record Details

Field description

Field Name	Description
Customer ID Details	
Customer Id	[Display]
	This field displays the Customer id of the customer
Description	[Display]
	This field displays the description of the customer
File Criteria	
Value start date	[Optional, Pick list]
	Select the value start date for the search criteria
Value end date	[Optional, Pick list]
	Select the value end date for the search criteria
Record status	[Optional, Drop Down]
	Select the status of the file record from the dropdown
Column name	[Optional, Drop Down]
	Select the name of the column for the search criteria
	The options available are
	Column name
	Amount
	Name
Operator	[Optional, Drop Down]
	Select the operator as a search criteria from the dropdown
	The options available are
	Greater
	Equal
	Less
Data	[Optional, Alphanumeric,20]
	Type the value to be searched

19. To filter the records from the list type the details in the search criteria.

20. Click **Clear** to clear the details entered in search criteria.
OR
Click **Cancel** to cancel and return to the previous screen.
OR
Click **Filter** to get the details of the record entered.

Bulk File Record details

Field Description

Field Name	Description
Name	[Display] This column displays the Name of the Record
Record reference Number	[Display] This column displays the Record Reference number
Amount	[Display] This column displays the Amount in each record.
Credit Account No.	[Display] This column displays the account number of Recipient.
Value Date	[Display] This column displays the value date of the record.
Status	[Display] This column displays the status of the record.
Note	[Display] This column displays the details in the record.

21.   Click the **Record Reference Number** hyperlink to get the Bulk file Record details for each record.

Bulk File Record Details

22.   Click **Back** to return to the previous screen

23.   Click **File Name** link on the bulk file view screen to view the **History of the File**

History of File

This screen displays the details of the history of the file.

24.   Click **File Download** hyperlink to view the details of the download.
OR
Click **Download Response** to view the down load response details.
OR
Click **Cancel** to return to the previous screen.

12. Bulk File Upload

This option allows you to upload a bulk file.

To Upload a Bulk File:

1. Navigate through the menus to **File Upload > Bulk File Upload**. The system displays the **File Upload** screen.

File Upload

2. Click **Search**. The system will display following **File Upload** screen.

File Upload

3. Select Customer ID and click **Submit**.

File Upload

Field Description

Field Name	Description
Bulk Identifier	[Mandatory, Drop-Down] Select the bulk identifier created earlier in order to identify the file from the drop-down list.
Encoding type used for the upload file	[Mandatory, Drop-Down] Select the type of encoding used for the uploaded file from the drop-down list. The options are: • Default • UTF-8

Field Name	Description
Upload File	[Mandatory, Command Button]
	Select the location from where the file will be uploaded using the **Browse** button.
Upload File Type	[Mandatory, Drop Down]
	Select the type of file to be uploaded from the dropdown.
	The options are:
	• CSV
	• XML

4.   Select the appropriate detail.

5.   Click **Clear** to clear the data from the screen.
OR
Click **Initiate**. The system displays the **File Upload** screen.

File Upload

6.   Click the **File Reference Number** hyperlink to view the status of the upload. The system displays the **Bulk File View** screen.
OR
Click **OK** to return to the **File Upload** screen.

Bulk File View

Bulk File View   20-08-2014 10:21:23 GMT +0530

Country Code: FLEXCUBE DIRECT BANKING 12 B1

Search Criteria

Bulk Transaction Identifier	Transaction Type	File Processing Status
ABC(TEST1)	All	All
Upload Start Date	Upload End Date	
File Name	File Reference No	Customer Id
	0043236	00008444

Search   Clear

* Click on File Reference Number to view the file records. This link is disabled when sensitive data check is enabled.
** Click on File Name to view the file history.

☐ Word Wrap | Customize Columns | Download | Print

File Reference Number *	File Name **	User Id	Amount	No. of Transactions	Bulk Identifier	Bulk Description	Receive Date	Status	Transaction Type	Auth Type	Auth Number	Last Handoff Downloaded User
0043236	File Upload.txt	ashokadmin1	0.0	0	TEST1	ABC	20-08-2014	Error	Bulk Mixed Payments	File	0	

Records 1 to 1 of 1   ⏮ ⏪ Page 1 ▾ of 1 ⏩ ⏭

File Status Description :

Received - File Received by Bank and Under Verification , **Error** - File Validation Failed , **Pre Processed** - File Verified and Pending for Authorization , **Process** - File is under Processing at Bank , **Authorized** - File is Fully Authorized , **Response Generation** - Reverse File (Txn Status File) generation , **Completed** - Executed/Rejected , **Rejected By Authorizer** - File Rejected by Authorizer

13. Update File Status

This option allows the bank administrator to manually update the status of bulk files uploaded by various customers.

To update file status:

1. Logon to the **Internet Banking** application.

2. Navigate through the menus to **Bulk Management > Update File Status**. The system displays the **Update File Status** screen.

Update File Status

Field Description

Field Name	Description
Select Transaction Type	[Mandatory, Drop Down] Specify the transaction type for which to upload the status file.

3. Click **Submit**. The system displays following screen.

Update File Status

Field Description

Field Name	Description
Select Transaction Type	[Mandatory, Drop-Down] Select the specific administrator transaction type.
File Reference Number	[Optional,Input,Alphanumeric,20] Specify the File reference number that was generated at the time of status file upload.
Date From	[Optional, pick list] Select the status of the bulk file.
Date To	[Optional, pick list] Select the start date of uploading from the pick list.
Currency	[Optional, Dropdown] Select the desired currency type from the dropdown.

Field Name	Description
From Amount	[Optional, Input Box, Numeric, 15] Enter the desired value for "**From Amount**", based on which search is to be carried out.
To Amount	[Optional, Input Box, Numeric, 15] Enter the desired value for "**To Amount**", based on which search is to be carried out.

4. Type the search criteria and click **Search**. The **Update File Status** detailed screen will be displayed.
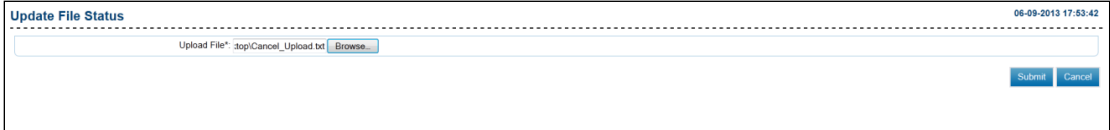
Update File Status

Field Description

Field Name	Description
File Reference Number	[Display, Hyperlink] This column displays the file reference number.
Upload Date	[Display] This column displays the date on which the file was uploaded.
Transaction Type	[Display] This column displays the type of transaction contained in the file.
Number of Transactions	[Display] This column displays the total number of transactions.
Status	[Display] This column displays the Status of the file.
File Name	[Display, Hyperlink] This column displays the Name of the uploaded file. Click on the hyperlink to view the file details.

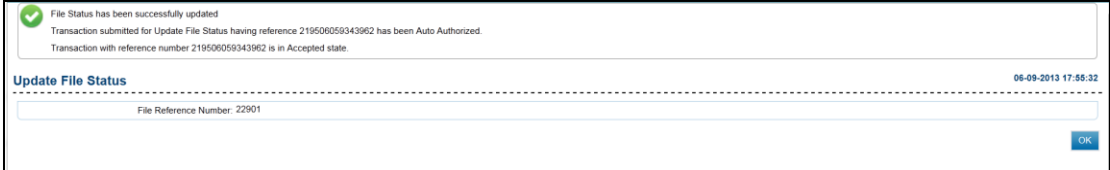| Field Name	Description
Currency	[Display] Displays the selected currency type.
From Amount	[Display] Displays the value entered as a "**From Amount**", based on which search is carried out.
To Amount	[Display] Displays the value entered as a "**To Amount**", based on which search is carried out.

5.   Click **Initiate** to update the status of the file in **Update File Status** screen.

Update File Status

6.   Click **Browse** to upload the file.

7.   Click **Submit**. The following screen will be displayed.

Update File Status- Confirm

8.   Click **Ok**.