C2M.v2.7.CCB

4.2.2.9 Manage Billing Inquires

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Contents

BRIEF DESCRIPTION ................................................................................................................................. 4
BUSINESS PROCESS MODEL ..................................................................................................................... 5
DETAIL BUSINESS PROCESS MODEL DESCRIPTION .................................................................................. 6
TEST DOCUMENTATION RELATED TO THE CURRENT PROCESS .............................................................. 10
DOCUMENT CONTROL .............................................................................................................................. 11
ATTACHMENTS: .......................................................................................................................................... 12
  Bill Notebook ........................................................................................................................................... 12
  Control Central Search ............................................................................................................................ 12
  Dashboard ................................................................................................................................................. 12
  Admin Menu/Installation Options/Control Central Alerts ........................................................................ 12
Brief Description

Business Process: 4.2.2.9 C2M.CCB.Manage Billing Inquires
Process Type: Sub Process
Parent Process: 4.2.2 C2M.CCB.Manage Bill
Sibling Processes: 4.2.2.1 C2M.CCB.Update Billing Information, 4.2.2.2 C2M.CCB.Manage Meter Charges, 4.2.2.3 C2M.CCB.Manage Item Charges, 4.2.2.4 C2M.CCB.Manage External and Miscellaneous Charges, 4.2.2.5 C2M.CCB.Manage Loan Charges, 4.2.2.6 C2M.CCB.Manage Deposit Charges, 4.2.2.8 C2M.CCB.Manage Billing Disputes, 4.2.2.10a C2M.CCB.Manage Budget Billing, 4.2.2.10b C2M.CCB.Manage Monitored and Un-Monitored Non-Billed Budget Billing, 4.2.2.12 C2M.CCB.Manage Payment Arrangement Charges, 4.2.2.14 C2M.CCB.Manage Off Cycle Bill for External and Miscellaneous Charges

It's a part of Customer service and typical business practice when Customer requests a copy of the Bill. Current document describes the business process and procedure that takes place when Customer or any other person request re-print existing bill or provide additional copy of it. There are different options for Customers and Authorized Users to view the Customer bills and receive a copy of it.
Business Process Model

4.2.2.9 C2M.v2.7.CCB Manage Billing Inquires

Customer

- Request reprint Bill
  - 1.0 Search for Customer
    - 1.1 Evaluate Eligibility of Customer's Request
    - 1.2 Search for Customer's Completed Bill
      - Bill exists?
        - Yes
          - 1.3 Populate copy's Recipient details
          - 1.4 Request to Reprint Customer's Bill
            - Requires Customer Contact?
              - Yes
                - 2.1 Manage Customer Contacts
              - No
                - Take no Further Action
    - 2.0 Receive Bill

Authorized User

C2M(CCB)

- Request reprint Bill
  - 1.0 Search for Customer
    - 1.1 Evaluate Eligibility of Customer's Request
    - 1.2 Search for Customer's Completed Bill
      - Bill exists?
        - Yes
          - 1.3 Populate copy's Recipient details
          - 1.4 Request to Reprint Customer's Bill
            - Requires Customer Contact?
              - Yes
                - 2.1 Manage Customer Contacts
              - No
                - Take no Further Action
    - 2.0 Receive Bill

Document Management Software

- Request reprint Bill
  - 1.0 Search for Customer
  - 1.1 Evaluate Eligibility of Customer's Request
  - 1.2 Search for Customer's Completed Bill
    - Bill exists?
      - Yes
        - 1.3 Populate copy's Recipient details
        - 1.4 Request to Reprint Customer's Bill
          - Requires Customer Contact?
            - Yes
              - 2.1 Manage Customer Contacts
            - No
              - Take no Further Action
      - No
        - 1.5 Update Bill with Request to Reprint
          - 1.6 Extract Bill for Printing
            - 1.7 Extract Bill for Printing
  - 2.0 Receive Bill

Extract Bill

- Request reprint Bill
  - 1.0 Search for Customer
  - 1.1 Evaluate Eligibility of Customer's Request
  - 1.2 Search for Customer's Completed Bill
    - Bill exists?
      - Yes
        - 1.3 Populate copy's Recipient details
        - 1.4 Request to Reprint Customer's Bill
          - Requires Customer Contact?
            - Yes
              - 2.1 Manage Customer Contacts
            - No
              - Take no Further Action
      - No
        - 1.5 Update Bill with Request to Reprint
          - 1.6 Extract Bill for Printing
            - 1.7 Extract Bill for Printing
  - 2.0 Receive Bill

Send Bill
Detail Business Process Model Description

1.0 Search for Customer
Actor/Role: Authorized User
Description:
Upon receipt of inquiry for Billing the Authorized User accesses Control Central Search to locate the customer in C2M(CCB).

Configuration required Y Entities to Configure: Installation Options

1.1 Evaluate Eligibility of Customer’s Request
Actor/Role: Authorized User
Description:
Authorized User decides if the request to obtain a copy of existing Bill is valid based on specific Business rules and instructions.

1.2 Search for Customer’s Completed Bill(s)
Actor/Role: Authorized User
Description:
If Authorized User decides to proceed with request, Authorized User reviews Customer’s Bills and identifies the one that require copy. Account Financial History, Account’s Bills are used to identify the Bill.

Process Plug-in enabled Y Available Algorithm(s):

<table>
<thead>
<tr>
<th>Algorithm Type - BIFN-BL INFO This algorithm type formats the Bill Information that appears throughout the system. Four different formats are used.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2M-BILLINFO - Bill Information</td>
</tr>
<tr>
<td>C1-SKIPINACC - Skip Inactive Accounts</td>
</tr>
<tr>
<td>C1-OI-BILAMT - Determine Open-Item Bill Amounts</td>
</tr>
<tr>
<td>Algorithm Type - C1-TL-BL-EVT - Build Bill Events (Balance Forward Bill Timeline)</td>
</tr>
</tbody>
</table>

Configuration required Y Entities to Configure: Installation Options Customer Class
Business Object Y  Business Object:  

Bill - Bill business object (simple bill elements only)

1.3 Populate Copy’s Recipient Details
Actor/Role: Authorized User
Description:
Authorized User needs to reprint a bill or to send a bill to someone other than the original recipient of the bill the Authorized User populates Bill Routing details and provides the name and address to which the bill should be sent using screen Bill /Bill Routing.

<table>
<thead>
<tr>
<th>Configuration required Y</th>
<th>Entities to Configure:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Account</td>
</tr>
<tr>
<td></td>
<td>Person</td>
</tr>
<tr>
<td></td>
<td>Account/Person</td>
</tr>
<tr>
<td></td>
<td>Bill Route Type</td>
</tr>
</tbody>
</table>

Business Object Y  Business Object:  

WX-BillRouteType - This business object is used to read an instance of a bill route type.

1.4 Request to Reprint Customer’s Bill
Actor/Role: Authorized User
Description:
Authorized User requests to re-print the bill by saving the newly created bill routing record.

1.5 Update Bill with Request to Reprint Bill
Actor/Role: C2M(CCB)
Description:
C2M(CCB) saves the new bill routing record with the recently entered data.

1.6 Select Bills for Re-Printing; Group: Extract Bill
Actor/Role: C2M(CCB)
Description:
C2M(CCB) selects the bills that are marked for re-printing.

Customizable process N  Process Name:  

POSTROUT - Post bill routing  
C2M-EBIL - Email Bill Routing Job
Configuration required **Y**  Entities to Configure: **Bill Route Type**

1.7 Extract Bill for Printing; Group: Extract Bill  
**Actor/Role:** C2M(CCB)  
**Description:**  
The requested **Bill** is extracted and made available for printing. The Bill print process creates the flat file interfaced to Bill print software. This process uses all Bill routing extract records associated with its batch control that are marked with a supplied run number. The information is extracted and placed on the flat file for each **Bill** is controlled by each Bill route type's extract algorithm. An additional custom process may be created to interface with the Bill Print software as needed.

<table>
<thead>
<tr>
<th>Process Plug-in enabled <strong>Y</strong></th>
<th>Available Algorithm(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Algorithm Type - BLEX-EX</strong> – This algorithm type constructs the records that contain the information that appears on a printed Bill.</td>
<td></td>
</tr>
<tr>
<td><strong>Algorithm Type - C1-BLEX-CR</strong> - This Bill Route Type extract algorithm prepares the report information needed to create a Bill using a Reporting Engine.</td>
<td></td>
</tr>
<tr>
<td><strong>Algorithm Type - C1-WFAC-CRBJ</strong> – Create Pending Batch Job</td>
<td></td>
</tr>
<tr>
<td><strong>C1-ONLN-CR</strong> - Create bill image using a reporting engine</td>
<td></td>
</tr>
<tr>
<td><strong>C2M-BLEX-XML</strong> - Create XML bill print extract records</td>
<td></td>
</tr>
<tr>
<td><strong>Algorithm Type - C1-BLEX-BIP</strong> – BI Publisher bill extract algorithm.</td>
<td></td>
</tr>
</tbody>
</table>

**Customizable process **N**  Process Name:**  
POSTROUT – Post bill routing  
C2M-EBIL - Email Bill Routing Job

Configuration required **Y**  Entities to Configure: **Bill Route Type**

Business Object **Y**  Business Object: **WX-BillRouteType** - This business object is used to read an instance of a bill route type.
### 1.8 Produce Formatted Bill
**Actor/Role:** Document Management Software  
**Description:** The Bill is printed onsite or remotely using Document Management software outside of C2M(CCB). It also could be e-mailed to the Customer if e-mail is a bill routing type.

<table>
<thead>
<tr>
<th>Process Plug-in enabled</th>
<th>Available Algorithm(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>C1-ONLN-CR - Create bill image using a reporting engine</td>
</tr>
</tbody>
</table>

### 1.9 Send Bill to Customer
**Actor/Role:** Document Management Software  
**Description:** The printed copy of the Bill is sent to the Customer. It could also be e-mailed to the Customer if e-mail is a bill routing type.

### 2.0 Receives Bill
**Actor/Role:** Customer  
**Description:** The Customer receives the copy of the requested Bill.

<table>
<thead>
<tr>
<th>Configuration required</th>
<th>Entities to Configure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Bill Route Type</td>
</tr>
</tbody>
</table>

### 2.1 3.4.1.1 Manage Customer Contacts
**Actor/Role:** Authorized User  
**Description:** If Business rules require, Authorized User creates Customer Contact. Refer to process 3.4.1.1 Manage Customer Contacts.
Test Documentation related to the Current Process

<table>
<thead>
<tr>
<th>ID</th>
<th>Document Name</th>
<th>Test Type</th>
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</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Document Control

#### Change Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Author</th>
<th>Version</th>
<th>Change Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/21/10</td>
<td>Geir Hedman</td>
<td>Draft</td>
<td>No Previous Document</td>
</tr>
<tr>
<td>11/15/10</td>
<td>Yoko Iwahiro</td>
<td></td>
<td>Updated Title and Content page</td>
</tr>
<tr>
<td>2/9/11</td>
<td>Geir Hedman</td>
<td></td>
<td>Release review changed siblings, Hyperlinks, Minor edits.</td>
</tr>
<tr>
<td>9/25/2013</td>
<td>Ahad G Abbasi</td>
<td></td>
<td>Updated Document - Process Plug-Ins</td>
</tr>
<tr>
<td>09/25/2013</td>
<td>Galina Polonsky</td>
<td></td>
<td>Updated for CCB v2.4</td>
</tr>
<tr>
<td>08/30/17</td>
<td>Joshua Piccott</td>
<td></td>
<td>Reviewed, Approved</td>
</tr>
<tr>
<td>12/04/2017</td>
<td>Chetan Raut</td>
<td></td>
<td>Updated Document and Visio</td>
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<tr>
<td>12/20/2017</td>
<td>Galina Polonsky</td>
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<td>Reviewed, Approved</td>
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<tr>
<td>09/18/2018</td>
<td>Debby Phelps</td>
<td></td>
<td>Updated Document and Visio</td>
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<tr>
<td>10/21/2018</td>
<td>Galina Polonsky</td>
<td></td>
<td>Reviewed, Approved</td>
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<tr>
<td>6/3/2019</td>
<td>Satya Kalavala</td>
<td></td>
<td>Updated format for v2.7</td>
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</table>
Attachments:

Bill Notebook

Bill Routing.doc

Control Central Search

“Control Central Search.doc”

Dashboard

Dashboard.doc

Admin Menu/Installation Options/Control Central Alerts

“Installation Options Control Central Alerts.doc”