C2M.CCB v2.6

4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures

Creation Date: December29, 2009

Last Updated: February 16, 2018

ORACLE®

Contents

Brief Description

Business Process: **4.1.1.3c C2M.CCB-EBS.Manage AP Procedures**
Process Type: **Sub Process**
Parent Process: **4.1.1 C2M.CCB Develop Financial Procedures**
Sibling Processes: **3.3.3.1 C2M.CCB Refund Deposit, 4.3.3.1 C2M.CCB Manage Payments**

This document describes the process that takes place when refunds are processed in C2M(CCB) and are required to be processed and paid to the Customer through the Oracle E-Business Suite Revenue Accounting Accounts Payable System.

Business Process Model   Page1

4.1.1.3c C2M.CCB v2.6 *Manage A/P Procedures (EBS)*

Customer

Request For Refund

Authorized User

Request For Deposit Refund

3.3.3.1 C2M.CCB Refund Deposit

Request For Cash Refund

4.3.3.1 C2M.CCB Manage Payments

1.0 Populate Data To Generate Refund Adjustment

1.3 Request To Freeze Refund Adjustment

2.7 Evaluate and Correct Error

1.6

C2M(CCB)

1.1 Generate Refund Adjustment

Adjustment Freeze

1.4 Freeze Adjustment

Create AP?

No → Take No Further Action

Yes

1.2 Create FT For The Adjustment

1.5 Create AP Request Staging

AP Download

1.5.1 Identify AP Request To Download

1.5.2 Create A/P Flat File

1.5.3 Flat File Containing A/P Request Details

2.3 Update AP Download With completion results

2.4 Update AP Request

BPEL

Schedule AP Request Integration Process

AP Request Integration Process

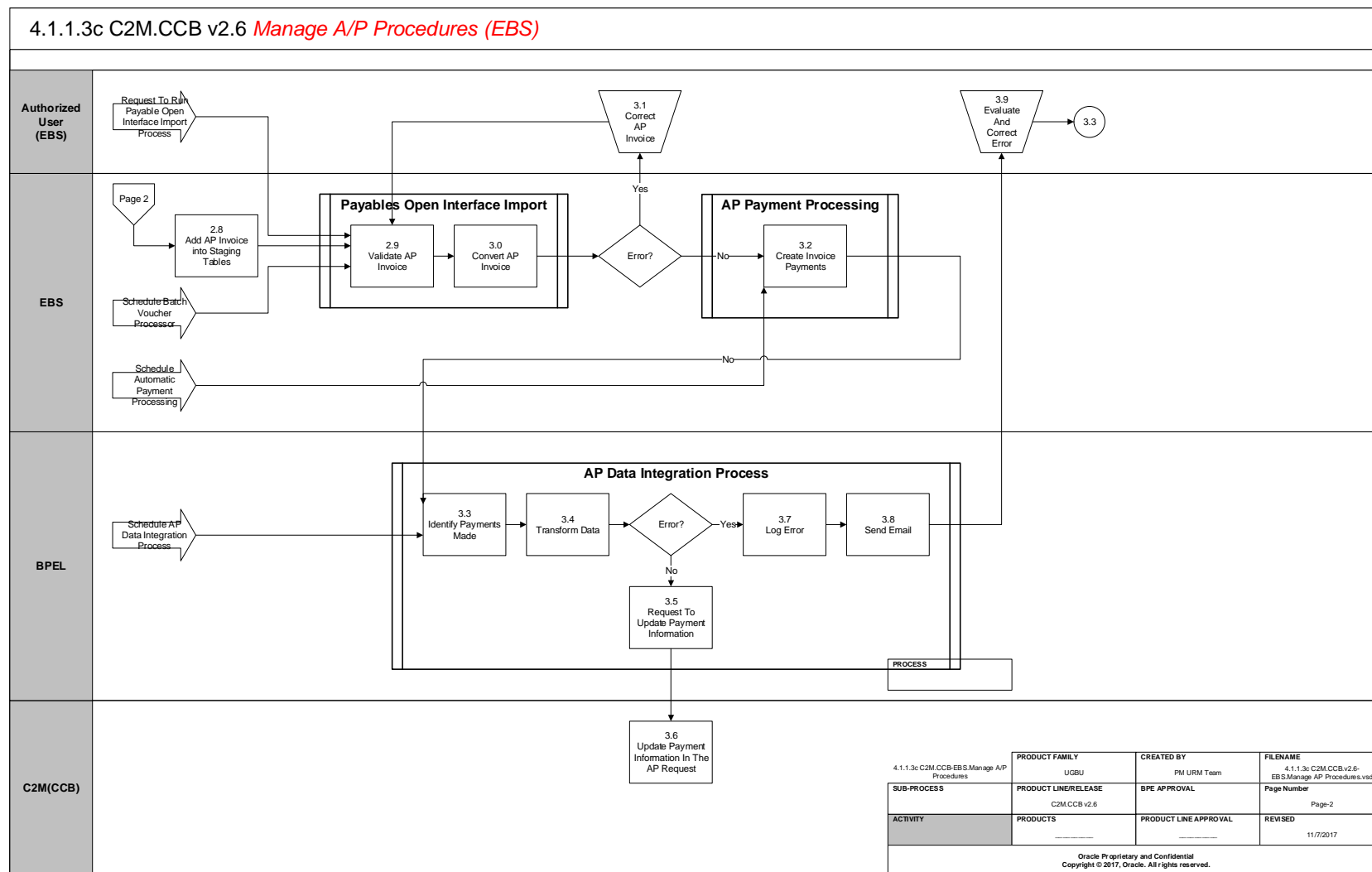1.6 Identify AP Data Ready For Download

1.7 Request To Validate Customer (Vendor) Existence

2.0 Transform And Format AP Data

Error?

No →

2.1 Request To Create AP Invoice

2.2 Request To Update CCB Control Data

2.2.1 Request To Update CCB AP Data

Error?

Yes →

2.5 Log Error

2.6 Send Email Notification

No → Take No Further Action

Yes → PROCESS

Page 2

EBS

Supplier Import Package

1.8 Get Vendor

Vendor Exists?

No →

1.9 Create And Process Vendor And Vendor Site

Yes

4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	PRODUCT FAMILY	CREATED BY	
	UGBU	PM URM Team	
SUB-PROCESS	PRODUCT LINE/RELEASE	BPE APPROVAL	Page Number
	C2M.CCB v2.6		Page-1
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED
	_____	_____	11/7/2017

Oracle Proprietary and Confidential
Copyright © 2017, Oracle. All rights reserved.

5

Business Process Model   Page2

4.1.1.3c C2M.CCB v2.6 *Manage A/P Procedures (EBS)*

Authorized User (EBS)	Request To Run Payable Open Interface Import Process — 3.1 Correct AP Invoice — 3.9 Evaluate And Correct Error — 3.3
EBS	Page 2 — 2.8 Add AP Invoice into Staging Tables — Payables Open Interface Import: 2.9 Validate AP Invoice, 3.0 Convert AP Invoice — Error? — Yes — AP Payment Processing: 3.2 Create Invoice Payments — Schedule Batch Voucher Processor — Schedule Automatic Payment Processing — No
BPEL	Schedule AP Data Integration Process — AP Data Integration Process: 3.3 Identify Payments Made — 3.4 Transform Data — Error? — Yes — 3.7 Log Error — 3.8 Send Email — No — 3.5 Request To Update Payment Information — PROCESS
C2M(CCB)	3.6 Update Payment Information In The AP Request

4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	PRODUCT FAMILY	CREATED BY	FILENAME
	UGBU	PM URM Team	4.1.1.3c C2M.CCB.v2.6-EBS.Manage AP Procedures.vsd
SUB-PROCESS	PRODUCT LINE/RELEASE	BPE APPROVAL	Page Number
	C2M.CCB v2.6		Page-2
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED
	_____	_____	11/7/2017

Oracle Proprietary and Confidential
Copyright © 2017, Oracle. All rights reserved.

Business Process Model   Page3

4.1.1.3c C2M.CCB v2.6 *Manage A/P Procedures (EBS)*

Lane	Content

Authorized User (EBS)

Request To Cancel Payment → 4.0 Identify Payment To Cancel → 4.1 Request To Cancel Payment

5.1 Evaluate And Correct Error → 4.3

EBS

4.2 Update Payment With Cancel Information

BPEL

Schedule AP Data Integration Process

Payment Cancellation Integration Process

4.3 Identify Cancelled Payments → 4.4 Transform Data → Error? — Yes → 4.9 Log Error → 5.0 Send Email

No

4.5 Request To Update AP Refund Request

C2M(CCB)

4.6 Update AP Request With Cancel Information → Require To Do? — Yes → 4.7 Create To Do

No

Take No Further Action

PROCESS

Authorized User

4.8 Work To Do

	PRODUCT FAMILY	CREATED BY	FILENAME
4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	UGBU	PM URM Team	4.1.1.3c C2M.CCB.v2.6-EBS.Manage AP Procedures.vsd
SUB-PROCESS	PRODUCT LINE/RELEASE	BPE APPROVAL	Page Number
	C2M.CCB v2.6		Page-3
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED
	_____	_____	11/7/2017

7

Business Process Model   Page4

4.1.1.3c C2M.CCB v2.6 *Manage A/P Procedures (EBS)*

Authorized User	Request To Cancel AP Adjustment → 5.2 Identify Adjustment To Cancel → 5.3 Cancel Adjustment → Communicate To JDE? → No → Take No Further Action
C2M(CCB)	5.4 Update Adjustment With Cancel Information / Yes
Authorized User (EBS)	5.5 Analyze And Process Cancel Request

PROCESS 4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	PRODUCT FAMILY UGBU	CREATED BY PM URM Team	FILENAME 4.1.1.3c C2M.CCB.v2.6-EBS.Manage AP Procedures.vsd
SUB-PROCESS	PRODUCT LINE/RELEASE C2M.CCB v2.6	BPE APPROVAL	Page Number Page-4
ACTIVITY	PRODUCTS ————	PRODUCT LINE APPROVAL ————	REVISED 11/7/2017

Detail Business Process Model Description

<u>1.0</u> **Populate Data to Generate Refund Adjustment**
Actor/Role: Authorized User
Description:
Authorized User initiates Refund Adjustment creation upon request from the Customer, Deposit being refunded, or a Cash refund being processed in C2M(CCB).

<u>1.1</u> **Generate Refund Adjustment**
Actor/Role: C2M(CCB)
Description:
An adjustment is created in C2M(CCB) to refund money to the customer via an AP check request.

Configuration required Y	**Entities to Configure:**	
		Adjustment Type
		Installation Options – Framework
		AP Request Type

Note: Adjustment type for the created adjustment must reference an AP Request Type.

Process Plug-in enabled Y	**Available Algorithm(s):**	
		ADJG-RT - Adjustment generation - apply rate
		C1-ADI-INFO - Adjustment Information (Algorithm Type

Business Object Y	**Business Object:**	
		C1-Adjustment - Adjustment - Read Main Details
		C1-AdjustmentType - Adjustment Type - Main Details

<u>1.2</u> **Create FT for the Adjustment**
Actor/Role: C2M(CCB)
Description:
C2M(CCB) creates the financial transaction for the adjustment.

ADJT-AC - Payoff=Current=Adj Amount (Cash Accounting)
ADJT-AD - Payoff=Current=Adj Amount (Cash

Process Plug-in enabled Y   Available Algorithm:

Accounting)
ADJT-CA - Payoff Amt = 0 / Current Amt = Adj Amount (no GL)
ADJT-GL - Payoff=Current=0 (GL only)
ADJT-NM - Payoff=Current=Adj Amount
ADJT-RA - Payoff=Adj Amt/Current=0, No GL (Conversion Only)
ADJT-TA - Payoff Amt = Adj / Current Amt = 0
ADJT-TC - Payoff=Adj Amt/Current=0 (Cash Accounting)
C1-FTGL-AD - Deferred Accrual WriteDown-Affects Payoff, Curr,GL
C1-FTGL-ADAC - Deferred Accrual Adj - Affects Payoff,Current & GL
C1-FTGL-ADTC - Deferred Accrual Adj - Affects Payoff & GL
C1-SETL-ADJ - FT GL Creation for Settlement Adjustments
C1-AC-TFHDBL - Payoff=Current=Adj Amount (Cash Acctg) Xfer Hldng
C1-ADJT-CL - Payoff=Current=Adj Amt (Calc Line Dist Code Source)
C1-FTGL-ADNM – Process Holding Account Amounts

<u>1.3</u> **Request to Freeze Refund Adjustment**
Actor/Role: Authorized User
Description:
Authorized User uses the Adjustment Page in C2M(CCB) to freeze the refund adjustment created in C2M(CCB).

<u>1.4</u> **Freeze Adjustment   Group: Adjustment Freeze**
Actor/Role: C2M(CCB)
Description:
Adjustment is frozen in C2M(CCB).

Note: Adjustment must be frozen in order for it to be interfaced to the Accounts Payable system.

Process Plug-in enabled Y   Available Algorithm:

ADFR-CRTODO - Adjustment Freeze - Create To Do Entry (Algorithm Type).

1.5 Create AP Request Staging   Group: Adjustment Freeze
Actor/Role: C2M(CCB)
Description:
C2M(CCB) generates AP Request Data.

1.5.1 Identify AP Request to Download   Group: AP Download
Actor/Role: C2M(CCB)
Description:
The custom process selects all AP Request data ready for download to the interfacing system.

Customizable process Y   **Process Name:** | APDL - Accounts payable download |

Configuration required Y   **Entities to Configure:** | Installation Options - Financial |

Note: The base package is supplied with a skeletal background process (referred to by the process ID of **APDL**) that must be populated with logic to format the records in the format compatible with your accounts payable system.

1.5.2 Create AP Flat File   Group: AP Download
Actor/Role: C2M(CCB)
Description:
The custom process creates a flat file containing check requests.

Customizable process Y   **Process Name:** | APDL - Accounts payable download |

Configuration required Y   **Entities to Configure:** | Installation Options - Financial |

1.5.3 Flat File containing AP Request Details   Group: AP Download
Actor/Role: C2M(CCB)
Description:
The created flat file is interfaced to the Accounts Payable System.

Customizable process Y   **Process Name:** | APDL - Accounts payable download |

Configuration required Y   **Entities to Configure:** | Installation Options - Financial |

1.6 **Identify AP Data ready for Download   Group: Get C2M(CCB) AP Data**
Actor/Role: BPEL
Description:
The first task in the AP Request Integration is to extract all AP Request Data generated by C2M(CCB). These are data stored in the Adjustment – AP Request Staging created when an adjustment is created using an adjustment type that references an AP Request Type.

Customizable process N   Process Name:

GetCCBAPData
Note: Invoked from CCBToEBSAPBPELProcess

1.7 **Request to Validate Customer (Vendor) Existence   Group: AP Request Integration**
Actor/Role: BPEL
Description:
If no exceptions occur during data translation, BPEL invokes EBS Supplier Import Package to check if Customer in C2M(CCB) exists as a Vendor in EBS.

Customizable process N   Process Name:

CCBToEBSAPBPELProcess

1.8 **Get Vendor   Group: Supplier Import Package**
Actor/Role: BPEL
Description:
The process checks if, given the customer information from C2M(CCB), the vendor exists in EBS.

Customizable process N   Process Name:

CCB_EBS_SUPPLIERS_IMPORT_PKG

1.9 **Create and Process Vendor and Vendor Site   Group: Supplier Import Package**
Actor/Role: BPEL
Description:
If vendor and vendor site do not exist, they are added in the system using the customer details from C2M(CCB).

Customizable process N   Process Name:

CCB_EBS_SUPPLIERS_IMPORT_PKG

2.0 **Transform and Format AP Data   Group: AP Request Integration**
Actor/Role: BPEL
Description:
The extracted AP Request data are consolidated and transformed into AP Voucher Data format based on the mapping XSLT.

Customizable process N   Process Name:

CCBToEBSAPBPELProcess

Note: It is important for both C2M(CCB) and JD Edwards EnterpriseOne Financial Management to have been initially configured for the integration to be successful. Please refer to attachment for required configuration.

2.1 Request to Create AP Vouchers   Group: AP Request Integration

Actor/Role: BPEL
Description:
If no exceptions occur during data translation, BPEL loads the formatted AP Voucher data into the E-Business Suite Invoice Interface Tables.

Customizable process N   **Process Name:**

CCBToEBSAPBPELProcess

2.2 Request to Update C2M(CCB) Control Data   Group: AP Request Integration

Actor/Role: BPEL
Description:
BPEL updates the C2M(CCB) Batch Run Number to indicate that the AP Request Data have been extracted and loaded to E-Business Suite successfully.

Customizable process N   **Process Name:**

UpdateCCBAPControlTable - Calls from CCBToEBSAPBPELProcess

2.2.1 Request to Update C2M(CCB) AP Data   Group: AP Request Integration Process

Actor/Role: BPEL
Description:
BPEL updates the C2M(CCB) AP Adjustment Request to indicate that the AP Request Data have been extracted and loaded to E-Business Suite successfully.

Customizable process N   **Process Name:**

UpdateCCBAPAdjReqTable Note: Invoked from CCBToEBSAPBPELProcess

2.3 Update AP Download with Completion Results

Actor/Role: C2M(CCB)
Description:
Batch Run Number is and will be stamped on the next set of AP Request Data to be downloaded.

2.4 Update AP Request

Actor/Role: C2M(CCB)
Description:
The process updates the Payment Selection Status in the C2M(CCB) AP Adjustment Request Table for the provided AP Request ID.

Configuration required Y   Entities to Configure:

A/P Request Type

2.5 Log Error   Group: AP Request Integration
Actor/Role: BPEL
Description:
If errors occur during extraction of the AP Request Data from Oracle Utilities Customer Care and Billing tables or during loading these transactions into Oracle E-Business Suite Invoice Interface tables, BPEL inserts the error into an error log table.

Customizable process N   Process Name:

CCBToEBSAPBPELProcess

2.6 Send Email   Group: AP Request Integration
Actor/Role: BPEL
Description:
Error notification process, if configured, will notify user by email of an error and the details associated with that error condition.

Note: No user interface is currently provided for the Error Log Table.

Customizable process N   Process Name:

CCBToEBSAPBPELProcess

2.7 Evaluate and Correct Error
Actor/Role: Authorized User (C2M(CCB))
Description:
The recipient of the email looks through the information sent in the email detailing the records with error. Error correction is done manually. After error is corrected, AP Request Integration Process is invoked.

2.8 Add AP Invoice
Actor/Role: EBS
Description:
Transformed AP Request Data is added into the two Invoice Interface Tables – AP Invoice Interface and AP Invoice Interface Lines.

2.9 Validate AP Invoice   Group: Payables Open Interface Import
Actor/Role: EBS
Description:
The process validates the AP Invoices entered into the system.

Customizable process N   **Process Name:**

APXIIMPT

3.0 Convert AP Invoice   Group: Batch Voucher Processor

Actor/Role: EBS
Description:
The process converts the data into AP Invoices within the application.

Customizable process N   **Process Name:**

APXIIMPT

3.1 Correct AP Voucher

Actor/Role: Authorized User (EBS)
Description:
In cases of exceptions, authorized user manually corrects the entries in the Open Interface Invoices Form and reruns the Batch Voucher Processor.

3.2 Create Invoice Payments   Group: Automatic Payment Processing

Actor/Role: EBS
Description:
The process creates payments for the customer.

Customizable process N   **Process Name:**

AP Payment Processing

Note: Additional information regarding the Automatic Payment Processing will be provided later on.

3.3 Identify Payments Made   Group: AP Data Integration

Actor/Role: BPEL
Description:
The process extracts all payments created during the pay cycle process.

Customizable process N   **Process Name:**

EBSToCCBAPDataBPELProcess

3.4 Transform Data   Group: AP Data Integration

Actor/Role: BPEL
Description:

The process transforms the extracted payment information using standard XSLT shipped with the product.

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess |

3.5 Request to Update Payment Information   Group: AP Data Integration
Actor/Role: BPEL
Description:
The process sends the payment information to be updated in C2M(CCB).

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess |

3.6 Update Payment Information in the AP Request
Actor/Role: C2M(CCB)
Description:
The Adjustment that initiated the AP Request is updated with the payment information from EBS.

3.7 Log Error   Group: AP Data Integration
Actor/Role: BPEL
Description:
If errors occur during extraction of the payment information from EBS, BPEL inserts the error into an error log table.

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess |

3.8 Send Email   Group: AP Data Integration
Actor/Role: BPEL
Description:
Error notification process, if configured, will notify user by email of an error and the details associated with that error condition.

Note: No user interface is currently provided for the Error Log Table.

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess |

3.9 Evaluate and Correct Error
Actor/Role: Authorized User (EBS)
Description:

The recipient of the email looks through the information sent in the email detailing the records with error. Error correction is done manually. After error is corrected, AP Data Integration Process is invoked.

4.0 Identify Payment to Void
Actor/Role: Authorized User (EBS)
Description:
Authorized User selects payment intended to be cancelled.

4.1 Request to Void Payment
Actor/Role: Authorized User (EBS)
Description:
Authorized User goes to the Payables Actions Page to populate void details and initiate the void request.

4.2 Update Payment with Void Information
Actor/Role: EBS
Description:
The system cancels the payment with the information provided by the Authorized User.

4.3 Identify Voided Payments   Group: AP Data Integration
Actor/Role: BPEL
Description:
The process extracts all payments canceled after the last successful integration run.

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess

4.4 Transform Data   Group: AP Data Integration
Actor/Role: BPEL
Description:
The process transforms the extracted cancelled payment information using standard XSLT shipped with the product.

Customizable process N   **Process Name:** | EBSToCCBAPDataBPELProcess

4.5 Request to Cancel Payment Information   Group: AP Data Integration
Actor/Role: BPEL
Description:

The integration process calls the BPEL wrapper to call the Adjustment Maintenance web service in C2M(CCB) to initiate cancel of the Adjustment with ID corresponding to the AP Request ID for the given payment.

Customizable process N   **Process Name:**

CCBCancellationWebService

4.6 Update AP Request with Cancel Information
Actor/Role: C2M(CCB)
Description:
The Adjustment that initiated the AP Request is updated with the cancel information from EBS and the refund adjustment is cancelled.

4.7 Create To Do
Actor/Role: C2M(CCB)
Description:
If applicable, a To Do is created upon cancellation of the adjustment.

Process Plug-in enabled Y   **Available Algorithm:**

ADCA-CRTODO - Adjustment Cancellation - Create To Do Entry

4.8 Work To Do
Actor/Role: Authorized User (C2M(CCB))
Description:
Authorized user works the assigned to do for the cancelled adjustment.

4.9 Log Error   Group: AP Data Integration
Actor/Role: BPEL
Description:
If errors occur during extraction of the payment information from JDE, BPEL inserts the error into an error log table.

Customizable process N   **Process Name:**

EBSToCCBAPDataBPELProcess

5.0 Send Email   Group: AP Data Integration
Actor/Role: BPEL
Description:
Error notification process, if configured, will notify user by email of an error and the details associated with that error condition.

Note: No user interface is currently provided for the Error Log Table.

Customizable process N   **Process Name:**

EBSToCCBAPDataBPELProcess

5.1 Evaluate and Correct Error
Actor/Role: Authorized User (EBS)
Description:
The recipient of the email looks through the information sent in the email detailing the records with error. Error correction is done manually. After error is corrected, AP Data Integration Process is invoked.

5.2 Identify Adjustment to Cancel
Actor/Role: Authorized User (C2M(CCB))
Description:
Authorized User, upon request, selects the AP Adjustment to cancel.

5.3 Cancel Adjustment
Actor/Role: Authorized User (C2M(CCB))
Description:
Authorized User cancels the selected adjustment and populates required information.

5.4 Update Adjustment with Cancel Information
Actor/Role: C2M(CCB)
Description:
Process cancels the adjustment and updates it with the cancel information.

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

ADCA-CRTODO - Adjustment Cancellation - Create To Do Entry
C1-CANSUSADJ - Cancel Suspense Adjustment

Configuration required Y   **Entities to Configure:**

Installation Options-Framework,
Installation Options-Framework, Algorithms, System Event: Control Central Alert
Zones

5.5 Analyze and Process Cancel Request

Actor/Role: Authorized User (EBS)
Description:
Authorized User checks on the cancel request and works on it manually.

Note: Integration at this point has no automatic process to deal with cancellation of AP Adjustment in C2M(CCB) once the payment has been made in EBS.

Test Documentation related to the Current Process

ID	Document Name	Test Type

Document Control

Change Record

Date	Author	Version	Change Reference
12/29/2009	Rochelle Cister	Draft 1a	Initial Version
10/21/2010	Geir Hedman		Updated Title and Content page
11/08/2010	Yoko Iwahiro		Update business objects and algorithms
2/8/2011	Geir Hedman		Updated Document and Visio
1/14/2014	Muhssin Suliman		CC&B 2.4 Update
01/27/2014	Galina Polonsky		Reviewed, Approved
08/20/2015	Jane Cuenco Tan		Updated Document and Visio
09/08/2015	Galina Polonsky		Reviewed, Approved
08/16/2017	Ekta Dua		Updated Document and Visio to v2.6
09/15/2017	Genti Kondili		Update review and update details pertaining to the following actor/roles (Authorized User (C2M(CCB)) and C2M(CCB).
09/27/2017	Galina Polonsky		Reviewed, Approved
		09/28/2017	Galina Polonsky	Reviewed, Approved

Attachments:

AP Integration Configuration

AP Integration
Configuration for CC&