Formatted: Font color: Custom Color(RGB(23,54,93))

C2M.v2.7.CCB v2.6

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

Creation Date:	December29, 2009
Last Updated:	February 11, 2020October 28, 2019February 10, 2019August 15, 2018August 13, 2018

ORACLE®

Formatted: Header, Centered, Tab stops: Not at 7.25"

Formatted: Font: (Default) Arial, 6 pt, Bold, Font color:

1

Formatted: Font color: Custom Color(RGB(23,54,93))

Formatted: Header, Centered, Tab stops: Not at 7.25"

Formatted: Font: (Default) Arial, 6 pt, Bold, Font color:

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.

4

Business Process Model   Page1

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

	PRODUCT FAMILY		CREATED BY	
4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	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.

6

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

Field Code Changed

4.1.1.3c C2M.v2.7.CCB *Manage A/P Procedures (EBS)*

Field Code Changed

Business Process Model   Page2

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

		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-2	
ACTIVITY		PRODUCTS		PRODUCT LINE APPROVAL		REVISED	
		_____		_____		11/7/2017	

4.1.1.3c C2M.v2.7.CCB *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

Schedule Batch Voucher Processor

Schedule Automatic Payment Processing

Payables Open Interface Import

2.9 Validate AP Invoice

3.0 Convert AP Invoice

Error?

Yes

No

AP Payment Processing

3.2 Create Invoice Payments

No

BPEL

Schedule AP Data Integration Process

AP Data Integration Process

3.3 Identify Payments Made

3.4 Transform Data

Error?

Yes

No

3.7 Log Error

3.8 Send Email

3.5 Request To Update Payment Information

C2M(CCB)

3.6 Update Payment Information In The AP Request

PROCESS 4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	PRODUCT FAMILY UGBU	CREATED BY PM URM Team	FILENAME VisioDocument
SUB-PROCESS	PRODUCT LINE/RELEASE C2M.v2.7.CCB	BPE APPROVAL	Page Number Page-2
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED 10/28/2019

Oracle Proprietary and Confidential
Copyright © 2019, Oracle. All rights reserved.
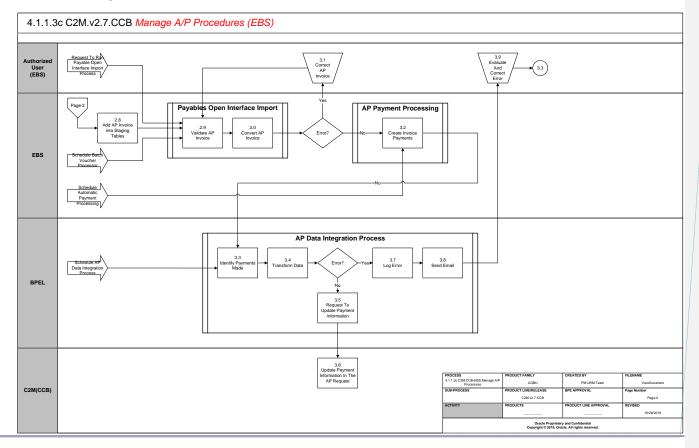
Business Process Model   Page3

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

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 / C2M.CCB v2.6	BPE APPROVAL	Page Number / Page-3
ACTIVITY / PRODUCTS	PRODUCT LINE APPROVAL	REVISED / 11/7/2017

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

4.1.1.3c C2M.v2.7.CCB *Manage A/P Procedures (EBS)*

Field Code Changed

PROCESS 4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	**PRODUCT FAMILY** UGBU
CREATED BY PM URM Team	**FILENAME** VisioDocument
SUB-PROCESS	**PRODUCT LINE/RELEASE** C2M.v2.7.CCB
BPE APPROVAL	**Page Number** Page-3
ACTIVITY	**PRODUCTS**
PRODUCT LINE APPROVAL	**REVISED** 10/28/2019

Business Process Model   Page4

4.1.1.3c C2M.v2.7.CCB *Manage A/P Procedures (EBS)*

PROCESS	PRODUCT FAMILY	CREATED BY	FILENAME
4.1.1.3c C2M.CCB-EBS.Manage A/P Procedures	UGBU	PM URM Team	VisioDocument
SUB-PROCESS	**PRODUCT LINE/RELEASE**	**BPE APPROVAL**	**Page Number**
	C2M.v2.7.CCB		Page-4
ACTIVITY	**PRODUCTS**	**PRODUCT LINE APPROVAL**	**REVISED**
			10/28/2019

Field Code Changed

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

Authorized User		
C2M(CCB)		
Authorized User (EBS)		

Field Code Changed

PROCESS	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-4
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED
			8/15/2018

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

17

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 EBS? —No→ Take No Further Action		
C2M(CCB)	5.4 Update Adjustment With Cancel Information	Yes	
	5.5 Analyze And Process Cancel Request		
Authorized User (EBS)			

PROCESS	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-4
ACTIVITY	PRODUCTS	PRODUCT LINE APPROVAL	REVISED
			2/10/2019

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

Detail Business Process Model Description

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

1.1 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 enabledEnabled Y Algorithm(s):	Available	
		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

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

Process Plug-in enabledEnabled Y   Available
Algorithm:

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

1.3 **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).

1.4 **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-T 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.

Note: There is an Express C2M custom process that can be used instead of APDL. This is Express GAP000085

Customizable process Y   Process Name:

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

Note: There is an Express C2M custom process that can be used instead of APDL. This is Express GAP000085

Customizable process Y   **Process Name:**

CMEXAPR - Accounts payable download

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

Note: There is an Express C2M custom process that can be used instead of APDL. This is Express GAP000085

Customizable process Y   **Process Name:**

CMEXAPR - Accounts payable download

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

23

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
A**ctor/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
A**ctor/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
A**ctor/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
A**ctor/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 enabledEnabled Y Available Algorithm:	ADCA-CRTODO - Adjustment Cancellation - Create To Do Entry

28

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~~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
08/13/2018	Jerry Chick		Minor grammatical and syntax corrections. Replaced Page 4 Visio flow with updated version. Added reference to the EXPRESS C2M GAP00085 configurable A/P download extract.
08/24/2018	Galina Polonsky		Reviewed, Approved
06/03/2019	Satya Kalavala		Updated format for 2.7
09/28/2017	Galina Polonsky		Reviewed, Approved

Attachments:

AP Integration Configuration

AP Integration
Configuration for CC8