

**VA**



**U.S. Department of Veterans Affairs**

Office of Information and Technology  
*Product Development*

**Electronic Data Interchange (EDI)  
New Standards and Operating Rules –  
VHA Provider-side Technical Compliance Requirements  
VA118-1001-1018**

**ePayments**

**ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME)  
RELEASE NOTES/ Installation Guide/ Rollback Plan**

**BPS\*1\*17**

**May 2015**

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# 1 Introduction

This patch has enhancements that extend the capabilities of the Veterans Health Information Systems and Technology Architecture (Vista) electronic payment (ePayments) system. Below is a list of all the applications involved in this project along with their patch number:

APPLICATION/VERSION	PATCH
INTEGRATED BILLING (IB) V. 2.0	IB*2*511
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*17
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*298

The patches (IB\*2\*511, BPS\*1\*17 and PRCA\*4.5\*298) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS IB PRCA EPAYMENTS BUNDLE 1.0.

## 1.1 Documentation and Distribution

Documentation Retrieval Instructions:

Updated documentation describing the new functionality introduced by this patch is available.

The preferred method is to FTP the files from ftp://REDACTED/. This transmits the files from the first available FTP server. Sites may also elect to retrieve software directly from a specific server as follows:

Albany	REDACTED	<ftp://REDACTED>
Hines	REDACTED	<ftp://REDACTED>
Salt Lake City	REDACTED	<ftp://REDACTED>

The documentation will be in the form of Adobe Acrobat files.

Documentation can also be found on the VA Software Documentation Library at: <http://www.va.gov/vdl/>

Title	File Name	FTP Mode
BPS Release Notes/Installation Guide (BPS*1.0*17)	BPS_1_P17_RN.PDF	Binary
ECME Technical Manual\Security Guide	BPS_1_TM_R0515.PDF	Binary

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## 2 Patch Description and Installation Instructions

### 2.1 Patch Description

```
=====
Run Date: MAY 19, 2015                Designation: BPS*1*17
Package : E CLAIMS MGMT ENGINE         Priority   : MANDATORY
Version : 1                           Status    : RELEASED
=====
```

Associated patches: (v)BPS\*1\*11 <=< must be installed BEFORE `BPS\*1\*17'

Subject: ePAYMENTS COMPLIANCE

Category: DATA DICTIONARY  
          ENHANCEMENT

Description:

=====

Patch BPS\*1.0\*17 is part of a multi-build:  
    BPS IB PRCA EPAYMENTS BUNDLE 1.0  
See patch PRCA\*4.5\*298 for the complete description.

This patch has enhancements that extend the capabilities of the Veterans Health Information Systems and Technology Architecture (Vista) electronic payment (ePayments) system. Below is a list of all the applications involved in this project along with their patch number:

APPLICATION/VERSION	PATCH
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*298
INTEGRATED BILLING (IB) V. 2.0	IB*2.0*511
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1.0*17

This specific patch contains the following functionality:

-----

The patch creates a new 'AEC' cross reference on the existing PRESCRIPTION NUMBER field (9002313.57,1.11) of the BPS LOG OF TRANSACTIONS file #9002313.57 which is used to improve matching of the ECME number on the incoming pharmacy Electronic Remittance Advice (ERA) claim lines to the claim numbers in the Vista database.

Patch Components

=====

The following is a list of field modifications included in this patch:

File Name (#)	Sub-File Name (#)	Field Name (#)	New/Modified/Deleted
BPS LOG OF TRANSACTIONS (#9002313.57)			
PRESCRIPTION NUMBER (#1.11)			Modified

Forms Associated:

Form Name	File #	New/Modified/Deleted
N/A		

Mail Groups Associated:

Mail Group Name	New/Modified/Deleted
N/A	

Options Associated:

Option Name	Type	New/Modified/Deleted
N/A		

Protocols Associated:

Protocol Name	New/Modified/Deleted
N/A	

Security Keys Associated:

Security Key Name
N/A

Templates Associated:

Template Name	Type	File Name (Number)	New/Modified/Deleted
N/A			

Additional Information: N/A

New Service Requests (NSRs):

NSR - Request id: 20110503 Electronic Data Interchange (EDI) New Standards and Operating Rules (Veterans Health Administration) VHA Provider-Side TCRs 05/19/2011

REDACTED

Patient Safety Issues (PSIs)

-----  
N/A

Remedy Ticket(s) & Overview:

-----  
N/A

Test Sites:

-----  
REDACTED

## 2.2 Pre/Post Installation Overview

Pre/Post Installation Overview

-----  
N/A

## 2.3 Installation Instructions

Installation Instructions

-----  
See patch PRCA\*4.5\*298 for the installation instructions.

## 2.4 Routine Information

Routine Information:

=====  
The second line of each of these routines now looks like:  
; ;1.0;E CLAIMS MGMT ENGINE; \*\*[Patch List]\*\*; 15 May 2014;Build 89

The checksums below are new checksums, and  
can be checked with CHECK1^XTSUMBLD.

Routine Name: BPS10P17  
Before: n/a After: B10122809 \*\*17\*\*  
Routine Name: BPSUTIL2  
Before: B32920062 After: B52546743 \*\*7,8,10,11,17\*\*

Routine list of preceding patches: 11

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## 3 Backout and Rollback Procedures

### 3.1 Overview of Backout and Rollback Procedures

The rollback plan for VistA applications is complex and not able to be a “one size fits all.” The general strategy for VistA rollback is to repair the code with a follow-on patch. The development team recommends that sites log a Remedy ticket if it is a nationally released patch; otherwise, the site should contact the Product Support team directly for specific solutions to their unique problems.

### 3.2 Backout Procedure

During the VistA Installation Procedure of the KIDS build, the installer hopefully backed up the modified routines by the use of the ‘Backup a Transport Global’ action. The installer can restore the routines using the MailMan message that were saved prior to installing the patch. The backout procedure for global, data dictionary and other VistA components is more complex and will require issuance of a follow-on patch to ensure all components are properly removed. All software components (routines and other items) must be restored to their previous state at the same time and in conjunction with restoration of the data. This backout may need to include a database cleanup process.

Please contact the Product Support team for assistance if the installed patch that needs to be backed out contains anything at all besides routines before trying to backout the patch. If the installed patch that needs to be backed out includes a pre or post install routine please contact the Product Support team before attempting the backout.

From the Kernel Installation and Distribution System Menu, select the Installation Menu. From this menu, you may elect to use the following option. When prompted for the INSTALL enter the patch #.

- a. Backup a Transport Global - This option will create a backup message of any routines exported with this patch. It will not backup any other changes such as DD's or templates.

### 3.3 Rollback Procedure

The rollback procedure for VistA patches is complicated and may require a follow-on patch to fully roll back to the pre-patch state. This is due to the possibility of Data Dictionary updates, Data updates, cross references, and transmissions from VistA to offsite data stores.

Please contact the Product Support team for assistance if needed.