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://download.vista.med.va.gov/.
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          ftp.fo-albany.med.va.gov  <ftp://ftp.fo-albany.med.va.gov>
 Hines           ftp.fo-hines.med.va.gov   <ftp://ftp.fo-hines.med.va.gov>
 Salt Lake City  ftp.fo-slc.med.va.gov     <ftp://ftp.fo-slc.med.va.gov>
```

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

Documentation can also be found on the VA Software Documentation Library at:
http://www4.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 (#)                                       New/Modified/
  Sub-File Name (#)     Field Name (#)                 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
```

```
            http://vista.med.va.gov/nsrd/ViewITRequest.asp?RequestID=20110503


Patient Safety Issues (PSIs)
-----------------------------
N/A


Remedy Ticket(s) & Overview:
------------------------------------
N/A


Test Sites:
----------
VA Puget Sound Health Care System
VA Southern Nevada Healthcare System (VASNHS) - Las Vegas
New Mexico VA Health Care System - Albuquerque
Tuscaloosa VA Medical Center
Central Alabama Veterans Health Care System (CAVHCS)
```

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.