Health Administration Product Enhancements (HAPE)
Electronic Data Interchange (EDI)
Medical Care Collection Fund (MCCF) Enhancements

Pharmacy National Council for Prescription Drug Programs (NCPDP) Continuous Maintenance Standards

Integrated Billing (IB)

RELEASE NOTES/INSTALLATION GUIDE

IB*2.0*534
January 2016
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(This page included for two-sided copying.)
1. Introduction

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

<table>
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<tr>
<td>INTEGRATED BILLING (IB) V. 2.0</td>
<td>IB<em>2</em>534</td>
</tr>
<tr>
<td>ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0</td>
<td>BPS<em>1</em>19</td>
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Patches PSX*2*77 and PSS*1*188 are being released as stand-alone patches, while the other three patches (PSO*7*427, IB*2*534, BPS*1*19) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB BUNDLE 6.0. The two stand-alone patches and multi-build distribution can be installed in any order and do not need to installed at the same time.

1.1. Documentation Retrieval

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:


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2. Patch Description and Installation Instructions

2.1. Patch Description

Run Date: DEC 04, 2015  Designation: IB*2*534 TEST v9
Package : INTEGRATED BILLING  Priority : MANDATORY
Version : 2  Status : UNDER DEVELOPMENT

Associated patches: (v)IB*2*494  <<= must be installed BEFORE `IB*2*534'
(v)IB*2*511  <<= must be installed BEFORE `IB*2*534'

Subject: EPHARMACY NCPDP CONTINUOUS MAINTENANCE STANDARDS
Category: ROUTINE
DATA DICTIONARY
ENHANCEMENT

Description:

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

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This specific patch contains the following functionality:

1. In order to allow all discharge medications to be billed, the billing rules for inpatient prescriptions were modified so that all inpatient prescriptions will be billed to the third party payer. Note that the inpatient auto reversal process of the BPS Nightly Background Job will continue to reverse inpatient claims if the patients are still in an inpatient status five days after the prescription fill date.

2. The billing rules for processing claims with Environmental Indicators was changed:
   a. TRICARE/CHAMPVA claims with Environmental Indicators will be filled
but not billed to the third party insurance.

b. Active Duty prescriptions flagged for Environmental Indicators for patients whose Eligibility is TRICARE will be filled and billed to TRICARE.

3. Integrated Billing routines and databases were modified to support the new ECME Non-Billable Status Report [BPS RPT NON-BILLABLE REPORT] option. Please see the BPS*1.0*19 patch description for more information on this new report.

Patch Components

Files & Fields Associated:

File Name (#) Sub-file Name (#) Field Name (Number) Deleted
------------------- --------------------------------- -------------
IB NCPDP EVENT LOG (#366.14) EVENT sub-file (#366.141) NON-BILLABLE REASON (#.02) New
IB NCPDP NON-BILLABLE REASONS (#366.17) New

Forms Associated:

Form Name File Name (Number) Deleted
--------- ------------------ -------------
N/A

Mail Groups Associated:

Mail Group Name Deleted
----------------- -------------
N/A

Options Associated:

Option Name Type Deleted
------- ---- -------------
N/A

Protocols Associated:

Protocol Name Deleted
------- -------------
N/A

Security Keys Associated:

Security Key Name Deleted
------------------ -------------
N/A
Templates:

<table>
<thead>
<tr>
<th>Template Name</th>
<th>Type</th>
<th>File Name (Number)</th>
<th>New/Modified/Deleted</th>
</tr>
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<tr>
<td>N/A</td>
<td></td>
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Additional Information:

N/A

New Service Requests (NSRs)

- 20130514 - NCPDP Continuous Maintenance Standards (Phase 2, Iteration 2)

Patient Safety Issues (PSIs)

N/A

Remedy Ticket(s) & Overview

N/A

Test Sites:

- VA Heartland West (Integrated)-Station 589
- Central Arkansas Veterans Healthcare System (Little Rock, AR)-Station 598
- Birmingham VA Medical Center (Birmingham, AL)-Station 521
- Hunter Holmes McGuire VA Medical Center (Richmond, VA)-Station 652
- James H. Quillen VA Medical Center (Mountain Home, TN)-Station 621
- Lexington VA Medical Center (Lexington, KY)-Station 596

Documentation Retrieval Instructions

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2.2. Pre/Post Installation Overview

There is a post-install routine associated with this patch named IB534PST. The purpose of the post install routine is to populate the new NON-BILLABLE STATUS field (#.02) of IB NCPDP EVENT LOG (#366.14) file. Depending on the number of records in the file, this process may take some time to run so it will be queued to run as a background task. A mail message will be sent indicating the results of the post-install process.

You may delete routine IB534PST if the installation was successful and the mailman message indicates that the post-install was successful.

2.3. Installation Instructions

To avoid disruptions, these patches should be installed during non-peak hours when there is minimal activity on the system. Avoid times when ECME claims are being transmitted. Of particular concern are the options below.

1. BPS NIGHTLY BACKGROUND JOB [BPS NIGHTLY BACKGROUND JOB]
   Do not install the patch when ECME claims are being generated by the BPS Nightly Background Job option. Wait for this job to finish or complete the installation before this job starts.

2. Scheduled CS Transmission [PSXR SCHEDULED CS TRANS] and Scheduled Non-CS Transmission [PSXR SCHEDULED NON-CS TRANS]
   Do not install the patch when prescriptions are being transmitted to CMOP. Wait for the CMOP transmissions to finish or complete the installation before the transmissions start. Both the CS (Controlled Substances) and the non-CS CMOP transmission options should be checked. Check with Pharmacy Service or your Pharmacy ADPAC to find out when CMOP transmissions occur.

This multi-build installation may take between 5 to 60 minutes to install depending on the amount of data in the files being converted.

This multi-build installation can be queued but should not be queued at a time when the BPS NIGHTY BACKGROUND JOB or CMOP transmission processes are scheduled.

Pre-Installation Instructions
---------------------------------

1. OBTAIN PATCHES
   ------------
   Obtain the host file BPS_1_19_PSO_IB.KID, which contains the following patches:
   
   BPS*1.0*19
   PSO*7.0*427
   IB*2.0*534

   Sites can retrieve VistA software from the following FTP addresses.
The preferred method is to FTP the files from:

download.vista.med.va.gov

This will transmit 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
- Hines: ftp.fo-hines.med.va.gov
- Salt Lake City: ftp.fo-slc.med.va.gov

The BPS_1_19_PSO_IB.KID host file is located in the anonymous.software directory. Use ASCII Mode when downloading the file.

2. START UP KIDS

Start up the Kernel Installation and Distribution System Menu option [XPD MAIN]:

Edits and Distribution ...
Utilities ...
Installation ...

Select Kernel Installation & Distribution System Option: INSTallation

- Load a Distribution
- Print Transport Global
- Compare Transport Global to Current System
- Verify Checksums in Transport Global
- Install Package(s)
- Restart Install of Package(s)
- Unload a Distribution
- Backup a Transport Global

Select Installation Option:

3. LOAD TRANSPORT GLOBAL FOR MULTI-BUILD

From the Installation menu, select the Load a Distribution option.

When prompted for "Enter a Host File:", enter the full directory path where you saved the host file BPS_1_19_PSO_IB.KID (e.g., SYSSYSDEVICE:[ANONYMOUS]BPS_1_19_PSO_IB.KID).

When prompted for "OK to continue with Load? NO/", enter "YES."

The following will display:

Loading Distribution...

BPS PSO IB BUNDLE 6.0
IB*2.0*534
BPS*1.0*19
Use INSTALL NAME: BPS PSO IB BUNDLE 6.0 to install this Distribution.

4. RUN OPTIONAL INSTALLATION OPTIONS FOR MULTI-BUILD

From the Installation menu, you may select to use the following options (when prompted for the INSTALL NAME, enter BPS PSO IB BUNDLE 6.0):

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 data dictionaries or templates.

b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all components of this patch (routines, data dictionaries, templates, etc.).

c. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.

5. INSTALL MULTI-BUILD

This is the step to start the installation of this KIDS patch. This will need to be run for the BPS PSO IB BUNDLE 6.0.

a. Choose the Install Package(s) option to start the patch install.

b. When prompted for the "Select INSTALL NAME:", enter BPS PSO IB BUNDLE 6.0.

c. When prompted "Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES/", enter YES unless your system does this in a nightly TaskMan process.

d. When prompted "Want KIDS to INHIBIT LOGONs during the install? YES/", enter NO.

e. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO/", enter NO.

f. When prompted "Device: HOME/", respond with the correct device.

Post-Installation Instructions

In order to verify the patch post-installation routine was run successfully, please examine the Install File for this patch and check the Mailman message that was created. Report any error messages to Product Support.

You may delete the post-install routine IB534PST if the installation was successful and the mailman message indicates that the post-install was successful.
2.4. Routine Information

The second line of each of these routines now looks like:

```
2.0;INTEGRATED BILLING;**[Patch List]**;21-MAR-94;Build 18
```

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

- **Routine Name:** IB534PST
  - Before: n/a
  - After: B14543577 **534**

- **Routine Name:** IBNCPDP1
  - Before: B191529259

- **Routine Name:** IBNCPDPDU
  - Before: B122718985
  - After: B125879968 **223,276,347,383,405,384,437, 435,452,511,534**

- **Routine Name:** IBNCPEV3
  - Before: n/a
  - After: B30560136 **534**

- **Routine Name:** IBNCPEV3
  - Before: B76075004
  - After: B83304395 **342,339,363,383,411,435,452,534**

Routine list of preceding patches: 494, 511

3. Enhancements

3.1. Technical Modifications

3.1.1 Background Logic Change to Billing Rules for Inpatient Claims

In order to allow all discharge medications to be billed, the billing rules for inpatient prescriptions were modified so that all inpatient prescriptions will be billed to the third party payer. Note that the inpatient auto reversal process of the BPS Nightly Background Job will continue to reverse inpatient claims if the patients are still in an inpatient status five days after the prescription fill date.

3.1.2 Background Logic Change to Billing Rules Exception Processing for TRICARE/CHAMPVA Patients with Environmental Indicators

The billing rules for processing claims with Environmental Indicators were changed:

- TRICARE/CHAMPVA claims with Environmental Indicators are filled but not billed to the third party insurance.
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Integrated Billing routines and databases were modified to support the new ECME Non-Billable Status Report [BPS RPT NON-BILLABLE REPORT] option. Please see the BPS*1.0*19 patch description for more information on this new report.

3.2.  Issue Resolutions

3.2.1  New Service Requests (NSRs)

This patch addresses the following New Service Request (NSR):

20130514 – NCPDP Continuous Maintenance Standards (Phase 2, Iteration 2)

3.2.2  Remedy Tickets

There are no Remedy Tickets associated with this patch.