INTEGRATED BILLING (IB)

RELEASE NOTES

IB*2*434

November 2010

Department of Veterans Affairs
VISTA Health
Systems Design & Development
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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 pharmacy (ePharmacy) billing system. Below is a list of all the applications involved in this project along with their patch numbers:

<table>
<thead>
<tr>
<th>APPLICATION/VERSION</th>
<th>PATCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Billing (IB) V. 2.0</td>
<td>IB<em>2</em>434</td>
</tr>
<tr>
<td>Electronic Claims Management Engine (ECME) V. 1.0</td>
<td>BPS<em>1</em>9</td>
</tr>
<tr>
<td>Outpatient Pharmacy (OP) V. 7.0</td>
<td>PSO<em>7</em>358</td>
</tr>
</tbody>
</table>

The following associated patches must be installed before proceeding:
- (v)BPS*1*8  <= must be installed BEFORE IB*2*434.

The three patches (PSO*7*358, IB*2*434, and BPS*1*9) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB BUNDLE 5.0. For more specific instruction please refer to the installation instructions provided in Section 2.3 of this document.
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2. Patch Description and Installation Instructions

2.1. Patch Description

DHCP Patch Display

Run Date: NOV 29, 2010
Designation: IB*2*434
Package: INTEGRATED BILLING
Version: 2

Version: 2
Status: COMPLETE/NOT RELEASED

Associated patches: (v)IB*2*411 <= must be installed BEFORE `IB*2*434'

Subject: ePharmacy Tricare Active Duty

Category: ROUTINE

Description:

This patch has enhancements which 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>OUTPATIENT PHARMACY (OP) V. 7.0</td>
<td>PSO<em>7</em>358</td>
</tr>
<tr>
<td>INTEGRATED BILLING (IB) V. 2.0</td>
<td>IB<em>2</em>434</td>
</tr>
<tr>
<td>ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0</td>
<td>BPS<em>1</em>9</td>
</tr>
</tbody>
</table>

The three patches (PSO*7*358, IB*2*434 and BPS*1*9) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB BUNDLE 5.0. For more specific instructions please refer to the installation steps provided in each of the patches.

The combined build will allow the processing and release of prescriptions for TRICARE active duty patients.

This specific patch contains functionality for the following:

1. The IB Billing Determination API has been modified with this patch, the API call is $$RX^IBNCPDP. One of the purposes of this API is to determine whether or not the prescription is ECME billable. If the billing determination process detects that the prescription is for a TRICARE eligible patient who has an inpatient status in VistA as of the prescription issue date, then the prescription will NOT be ECME billable.

2. In the case described above, the prescription will be marked in Claims Tracking as non-billable with a Reason Not Billable of "TRICARE INPATIENT/DISCHARGE".

3. Minor corrections are being made to the field descriptions for 2 fields in the IB NCPDP EVENT LOG file (#366.14).

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

---
There are no NSR associated with this patch.

This patch addresses the following Remedy Tickets:
----------------------------------------------------
There are no Remedy Tickets associated with this patch.

Components Sent With Patch
-------------------------------
The following is a list of the files included in this patch:

<table>
<thead>
<tr>
<th>FILE #</th>
<th>NAME</th>
<th>DD</th>
<th>CODE</th>
<th>W/FILE DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>366.14</td>
<td>IB NCPDP EVENT LOG</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

The following is a list of fields included in this patch:

Field Name (Number)   File Name (Number)   Subfile Name (Number)  
--------------------- ------------------ ----------------------  
RX COB (7.01)         IB NCPDP EVENT LOG (366.14) subfile - EVENT (366.141)
RATE TYPE SELECTED BY USER (7.04)  

Documentation Retrieval:
------------------------
Sites may retrieve documentation in one of the following ways:

1. The preferred method is to FTP the files from download.vista.med.va.gov, which will transmit the files from the first available FTP server.

2. Sites may also elect to retrieve documentation 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

3. Documentation can also be retrieved from the VistA Documentation Library (VDL) on the Internet at the following address, http://www.va.gov/vdl.

The documentation distribution includes:

<table>
<thead>
<tr>
<th>FILE NAME</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ib_2_p434_rn.pdf</td>
<td>IB Release Notes</td>
</tr>
</tbody>
</table>

Test Sites:
----------
Louisville
Loma Linda
Tampa
Heartland West
Phoenix
2.2. Pre/Post Installation Overview

The post-installation routine is IBY434PO. This routine will add a new entry into the CLAIMS TRACKING NON-BILLABLE REASONS file (#356.8). The new entry will be "TRICARE INPATIENT/DISCHARGE" with non-billable reason CODE (the .04 field of file #356.8) of "RX16".

The post-installation routine is automatically deleted by KIDS if allowed by your local Kernel parameters configuration.

2.3. Installation Instructions

To avoid disruptions, these patches should be installed when users are not on the system and during non-peak hours. Of particular concern would be the items below.

1. Do not queue this installation to run at a later time because you will be prompted to enter information during the installation.
2. Do not install the patch when ECME claims are being generated by the BPS Nightly Background Job option [BPS NIGHTLY BACKGROUND JOB]. Wait for this job to finish or complete the installation before this job starts.
3. Do not install the patch when prescriptions are being transmitted to CMOP. Wait for the CMOP transmission to finish or complete the installation before the transmission starts. Check with Pharmacy Service or your pharmacy Automated Data Processing Application Coordinator (ADPAC) to find out when CMOP transmissions occur.
4. If installed during the normal workday, it is recommended that the following selection(s) in the OPTION (#19) file, and all of their descendants be disabled to prevent possible conflicts while running the KIDS Install. Other VISTA users will not be affected.

```
ECME [BPSMENU]
Potential TRICARE Claims Report [BPS COB RPT TRICARE CLAIMS]
Process Secondary/TRICARE Rx to ECME [BPS COB PROCESS SECOND TRICARE]
Third Party Payer Rejects - Worklist [PSO REJECTS WORKLIST]
Print from Suspense File [PSO PNDLBL]
Pull Early from Suspense [PSO PNDRX]
Patient Prescription Processing [PSO LM BACKDOOR ORDERS]
```

Install Time - Less than 5 minutes

1. OBTAIN PATCHES

------------
Obtain the host file BPS_1_9_PSO_IB.KID, which contains the following three patch installs:

```
BPS*1.0*9
PSO*7.8*358
IB*2.0*434
```

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_9_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_9_PSO_IB.KID (e.g., SYS$SYSDEVICE:[ANONYMOUS]BPS_1_9_PSO_IB.KID).

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

The following will display:

Loading Distribution...

BPS PSO IB BUNDLE 5.0
BPS*1.0*9
PSO*7.0*358
IB*2.0*434

Use INSTALL NAME: BPS PSO IB BUNDLE 5.0 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 5.0):
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 DD’s 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, DD’s, 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 5.0.

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 5.0.

c. For the BPS*1*9 patch, enter the correct name when prompted "Enter the Coordinator for Mail Group 'BPS TRICARE':".

Please contact your Medical Care Cost Recovery (MCCR) business department prior to installation to determine who will be the coordinator for this new mail group. This mail group will be used by the BPS Nightly Background Job. Its members will receive bulletins about electronic claims.

d. When prompted "Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO/" enter YES unless your system does this in a nightly TaskMan process.

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

f. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO/" enter YES only if installing this patch during the normal workday.

Please contact your Medical Care Cost Recovery (MCCR) business department prior to installation to determine who will be the coordinator for this new mail group. This mail group will be used by the BPS Nightly Background Job. Its members will receive bulletins about electronic claims.

g. If prompted "Enter options you wish to mark as 'Out of Order':" please enter the following options:

ECME [BPSMENU]
Potential TRICARE Claims Report [BPS COB RPT TRICARE CLAIMS]
Process Secondary/TRICARE Rx [BPS COB PROCESS SECOND]
to ECME TRICARE
Third Party Payer Rejects - Worklist [PSO REJECTS WORKLIST]
Print from Suspense File [PSO PNDLBL]
Pull Early from Suspense [PSO PNDRX]
Patient Prescription Processing [PSO LM BACKDOOR ORDERS]

h. If prompted "Enter protocols you wish to mark as 'Out of Order':" please press <return>.

i. If prompted "Delay Install (Minutes): (0-60): 0/" please enter an appropriate number of minutes to delay the installation in order to give users enough time to exit the disabled options before the installation starts.

j. When prompted "DEVICE: HOME//" respond with the correct device.
Routine Information:
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The second line of each of these routines now looks like:
;;2.0;INTEGRATED BILLING;**[Patch List]**;21-MAR-94;Build 16

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

Routine Name: IBNCPPD1
  Before: B86393869   After: B104112032  **223,276,339,363,383,405,384,**
                     **411,434**

Routine Name: IBY434PO
  Before: n/a   After: B2302496  **434**

Routine list of preceding patches: 411
3. Enhancements

3.1. Technical Modifications

3.1.1 IB Billing Determination API

This patch contains functionality for the following:

- The IB Billing Determination API has been modified with this patch. The API call is $RX^IBNCPDP. One of the purposes of this API is to determine whether or not the prescription is ECME billable. If the billing determination process detects that the prescription is for a TRICARE eligible patient who has an inpatient status in VistA as of the prescription issue date, then the prescription will NOT be ECME billable.

- In the case described above, the prescription will be marked in Claims Tracking as non-billable with a Reason Not Billable of “TRICARE INPATIENT/DISCHARGE”.

- Minor corrections are being made to the field descriptions for two fields in the IB NCPDP EVENT LOG file (#366.14).

3.2. Issue Resolutions

There were no New Service Requests (NSRs) or Remedy Tickets associated with this patch.