ePHARMACY
PHASE V

Integrated Billing (IB)
RELEASE NOTES

IB*2*435
October 2011

Department of Veterans Affairs
Product 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 number:

<table>
<thead>
<tr>
<th>APPLICATION/VERSION</th>
<th>PATCH</th>
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<tbody>
<tr>
<td>Outpatient Pharmacy (OP) V. 7.0</td>
<td>PSO<em>7</em>359</td>
</tr>
<tr>
<td>Integrated Billing (IB) V. 2.0</td>
<td>IB<em>2</em>435</td>
</tr>
<tr>
<td>Electronic Claims Management Engine (ECME) V. 1.0</td>
<td>BPS<em>1</em>10</td>
</tr>
<tr>
<td>Accounts Receivable (PRCA) V. 4.5</td>
<td>PRCA<em>4.5</em>271</td>
</tr>
</tbody>
</table>

The four patches (PSO*7*359, IB*2*435, BPS*1*10, and PRCA*4.5*271) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB PRCA BUNDLE 6.0. For more specific instructions please refer to the installation steps provided in each of the patches.

For the pharmacy claims that are processed electronically, the ePharmacy module is currently compliant with the National Council for Prescription Drug Programs (NCPDP) industry standards for version 5.1. NCPDP version D.0 Level 1 compliance (completion of internal testing) must be in place by January 1, 2011, and it must have completed external testing with payers and be in production as of January 1, 2012. Meeting the deliverable dates is essential to VHA meeting this legislative mandate and for continued business with pharmacy payers. As part of these changes, VHA should also have backwards compatibility to the NCPDP version 5.1 to allow for continued revenue and processing of VHA pharmacy claims.

The combined build will allow the processing and release of prescriptions for patients with Insurance payers that use the new NCPDP version D.0 format for electronic claims processing as well as the current NCPDP version 5.1 format.

1.1. Documentation Distribution

The documentation distribution includes:

<table>
<thead>
<tr>
<th>FILE NAME</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB_2_P435_RN.PDF</td>
<td>IB Release Notes</td>
</tr>
</tbody>
</table>
(This page included for two-sided copying.)
2. Patch Description and Installation Instructions

2.1. Patch Description

DHCP Patch Display

Run Date: SEP 21, 2011  Designation: IB*2*435
Package : INTEGRATED BILLING  Priority : MANDATORY
Version : 2  Status : RELEASED

Associated patches: (v)IB*2*437  <<= must be installed BEFORE `IB*2*435'
(v)IB*2*438  <<= must be installed BEFORE `IB*2*435'

Subject: ePharmacy Phase 5 - NCPDP D.0

Category: ROUTINE
DATA DICTIONARY
OTHER
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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<tr>
<td>INTEGRATED BILLING (IB) V. 2.0</td>
<td>IB<em>2</em>435</td>
</tr>
<tr>
<td>ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0</td>
<td>BPS<em>1</em>10</td>
</tr>
<tr>
<td>ACCOUNTS RECEIVABLE (PRCA) V. 4.5</td>
<td>PRCA<em>4.5</em>271</td>
</tr>
</tbody>
</table>

The four patches (PSO*7*359, IB*2*435, BPS*1*10, and PRCA*4.5*271) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB PRCA BUNDLE 6.0. For more specific instructions please refer to the installation steps provided in each of the patches.

For the pharmacy claims that are processed electronically, the ePharmacy module is currently compliant with the National Council for Prescription Drug Programs (NCPDP) industry standards for version 5.1. NCPDP version D.0 Level 1 compliance (completion of internal testing) must be in place by January 1, 2011, and it must have completed external testing with payers and be in production as of January 1, 2012. Meeting the deliverable dates is essential to VHA meeting this legislative mandate and for continued business with pharmacy payers. As part of these changes, VHA should also have backwards compatibility to the NCPDP version 5.1 to allow for continued revenue and processing of VHA pharmacy claims.

The combined build will allow the processing and release of prescriptions for patients with Insurance payers that use the new NCPDP version D.0 format for electronic claims processing as well as the current NCPDP version 5.1 format.
This specific patch contains the following functionality:

1. Functionality has been created to allow IB users to submit NCPDP insurance Eligibility inquiries and receive Eligibility responses back from the payers.
2. A new option has been added to allow IB users to manually initiate an NCPDP eligibility inquiry. The new option is called "Initiate e-Pharmacy Eligibility Inquiry" [IBCNR ELIGIBILITY INQUIRY]. This option is on the parent menu "e-Pharmacy Menu" [IBCNR E-PHARMACY MENU].
3. NCPDP Eligibility responses will result in the creation of new insurance buffer entries.
4. The IB insurance buffer application has been enhanced to display the ePharmacy eligibility response information on the buffer Expand Entry screen.
5. An ePharmacy only view has been added to the insurance buffer to only display those entries that originated from ePharmacy NCPDP eligibility responses.
6. A new source of insurance information has been added to the SOURCE OF INFORMATION dictionary file (355.12).
7. Two new NCPDP Payer Sheets are put into service with this patch - the E1 eligibility payer sheet and the E1 TEST eligibility payer sheet.
8. The length of the ePharmacy ECME number has been increased from 7 to 12 characters under NCPDP D.0. VistA screens and reports and prompts have been updated accordingly.
9. A new action has been added to the Third Party Joint Inquiry (TPJI) application. The ability to view ECME Information on a new ECME response information screen has been added.
10. The IB users will now be able to enter a Delay Reason Code when submitting ECME claims through the Claims Tracking back-billing option.

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

Request Name: e-Pharmacy Phase 5: FY09
Request ID: 20080103

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 files included in this patch:

<table>
<thead>
<tr>
<th>FILE #</th>
<th>FILE NAME</th>
<th>UP DATE</th>
<th>SEND SEC.</th>
<th>DATA COMES</th>
<th>SITE RSLV</th>
<th>USER OVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>355.33</td>
<td>INSURANCE BUFFER</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>356</td>
<td>CLAIMS TRACKING</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>366.03</td>
<td>PLAN</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>
The following is a list of fields included in this patch:

<table>
<thead>
<tr>
<th>Field Name (Number)</th>
<th>File Name (Number)</th>
<th>Subfile Name (Number)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPS RESPONSE (.17)</td>
<td>INSURANCE BUFFER (355.33)</td>
<td></td>
</tr>
<tr>
<td>ECME NUMBER (1.1)</td>
<td>CLAIMS TRACKING (356)</td>
<td></td>
</tr>
<tr>
<td>TEST ELIGIBILITY SHEET NAME (10.14)</td>
<td>PLAN (366.03)</td>
<td></td>
</tr>
<tr>
<td>ELIGIBILITY PAYER SHEET NAME (10.15)</td>
<td>PLAN (366.03)</td>
<td></td>
</tr>
<tr>
<td>BCID (.12)</td>
<td>IB NCPDP EVENT LOG (366.14)</td>
<td></td>
</tr>
<tr>
<td>CLAIMID (.13)</td>
<td>IB NCPDP EVENT LOG (366.14)</td>
<td></td>
</tr>
</tbody>
</table>

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

---

IBCNR E-PHARMACY MENU
IBCNR ELIGIBILITY INQUIRY

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

---

IBCNB FAST EXIT
IBCNB LIST ADD
IBCNB LIST APPOINTMENTS VIEW
IBCNB LIST CHECK NAMES
IBCNB LIST ENTRY SCREEN
IBCNB LIST EPHARMACY VIEW
IBCNB LIST MEDICARE VIEW
IBCNB LIST NEGATIVE VIEW
IBCNB LIST POSITIVE VIEW
IBCNB LIST PROCESS SCREEN
IBCNB LIST REJECT
IBCNB LIST SCREEN MENU
IBCNB LIST SORT
IBCNE JT VIEW EXP ELIG BEN SCREEN
IBJ EXIT
IBJT ACTIVE LIST SCREEN SKIP
IBJT AR ACCOUNT PROFILE SCREEN
IBJT AR COMMENT HISTORY SCREEN
IBJT BILL CHARGES SCREEN
IBJT BILL DX SCREEN
IBJT BILL PROCEDURES SCREEN
IBJT CHANGE BILL
IBJT CLAIM SCREEN MENU
IBJT CT/IR COMMUNICATIONS LIST SCREEN
IBJT ECME RESP INFO MENU
IBJT ECME RESP INFO SCREEN
IBJT EDI STATUS SCREEN
IBJT HS HEALTH SUMMARY
IBJT NS VIEW AN BEN SCREEN
IBJT NS VIEW EXP POL SCREEN
IBJT NS VIEW INS CO SCREEN
IBJT PT ELIGIBILITY SCREEN
IBNCPDP INS ELIG EFF DATE
IBNCPDP INS ELIG PAT
IBNCPDP INS ELIG SEND
The following is a list of list templates included in this patch:
LIST TEMPLATE:
------------
IBJT ECME RESP INFO
IBNCPDP INS ELIG VER INQ

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,

The documentation distribution includes:

<table>
<thead>
<tr>
<th>FILE NAME</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>IB_2_P435_RN.PDF</td>
<td>IB Release Notes</td>
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</tbody>
</table>

Test Sites:
-----------
VA Heartland East - St. Louis
Birmingham
Louisville
Loma Linda
Richmond
Phoenix

2.2. Pre/Post Installation Overview

There is a post-install routine associated with this patch named
IBY435PO. The purpose of the post install routine is to create a new
entry in the SOURCE OF INFORMATION file (355.12). The new entry is entry#
10 for E-PHARMACY. This is a new source of insurance information and this
field is used for entries in the insurance buffer.

The post-install routine is automatically deleted by the system if
allowed by your Kernel site parameters setup. You may delete the IBY435PO
routine if the installation was successful and it is not automatically
deleted by KIDS.
2.3. Installation Instructions

Do not queue the installation of this patch.

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 would be the options below.

1. [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. [PSXR SCHEDULED CS TRANS] and [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.

Install Time
------------
The installation will take between 10 and 90 minutes depending upon how many entries your site has in the BPS CLAIMS file (9002313.02) and in the BPS RESPONSES file (9002313.03). Data conversions will be run in both files and all entries will be checked during the installation of BPS*1*10.

1. OBTAIN PATCHES
   ---------------
   Obtain the host file BPS_1_10_PSO_IB_PRCA.KID, which contains the following patches:

   BPS*1.0*10
   PSO*7.0*359
   IB*2.0*435
   PRCA*4.5*271

   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_10_PSO_IB_PRCA.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_10_PSQ_IB_PRCA.KID (e.g.,
SYS$SYSDEVICE:[ANONYMOUS]BPS_1_10_PSQ_IB_PRCA.KID).

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

The following will display:

   Loading Distribution...
   BPS PSO IB PRCA BUNDLE 6.0
   BPS*1.0*10
   PSO*7.0*359
   IB*2.0*435
   PRCA*4.5*271

   Use INSTALL NAME: BPS PSO IB PRCA 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 PRCA 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 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 PRCA 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 PRCA BUNDLE 6.0.
c. For the IB*2.0*435 patch, 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 but do not queue this install.

Routine Information:
====================
The second line of each of these routines now looks like:
;;2.0;INTEGRATED BILLING;**[Patch List]**;21-MAR-94;Build 27

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

Routine Name: IBCNBLE
Before: B77550797 After: B79037653 **82,231,184,251,371,416,435**

Routine Name: IBCNBLE1
Before: B27906815 After: B30221340 **184,271,416,435**

Routine Name: IBCNBLE2
Before: n/a After: B76745962 **435**

Routine Name: IBCNBLL
Before: B91467926 After: B101908545 **82,149,153,183,184,271,345,416,438,435**

Routine Name: IBCNEDE1
Before: B38997890 After: B40267278 **184,271,416,438,435**

Routine Name: IBCNEUT2
Before: B2594683 After: B3063599 **184,416,435**

Routine Name: IBCNRE4
Before: B28441388 After: B31384444 **251,435**

Routine Name: IBCNRHLT
Before: B22910363 After: B14102069 **184,271,416,438,435**

Routine Name: IBCNRPSM
Before: B11570145 After: B12153957 **251,435**

Routine Name: IBCNRU1
Before: B27266594 After: B36756107 **251,276,435**

Routine Name: IBCNRZRX
Before: B14251946 After: B13620171 **251,435**

Routine Name: IBCNSM
Before: B18162142 After: B22946232 **28,46,56,52,82,103,199,276,435**

Routine Name: IBJTRX
Before: B10627973 After: B10638422 **39,106,199,211,276,435**

Routine Name: IBJU2
Before: B87491341 After: B95588054  **276,347,384,435**
Routine Name: IBNCPDP
Before: B5373340 After: B5486206  **223,276,363,383,384,411,435**
Routine Name: IBNCPDP1
Routine Name: IBNCPDP2
Routine Name: IBNCPDP3
Before: B32452413 After: B84836012  **223,276,342,363,383,384,411,435**
Routine Name: IBNCPDP4
Before: B55992890 After: B55438909  **276,342,405,384,411,435**
Routine Name: IBNCPDPD
Before: B5201665 After: B4153613  **276,339,363,384,435**
Routine Name: IBNCPDPPE
Before: B17129560 After: B17708957  **276,342,347,363,384,435**
Routine Name: IBNCPDPDI
Before: B13118799 After: B13081373  **276,383,384,411,435**
Routine Name: IBNCPDPDU
Before: B73774762 After: B95492067  **223,276,347,383,405,384,437,435**
Routine Name: IBNCPDEV
Before: B84818902 After: B84626765  **342,363,383,384,411,435**
Routine Name: IBNCPDEV1
Before: B46733979 After: B49201751  **342,339,363,411,435**
Routine Name: IBNCPDPIV
Before: n/a After: B54267861 **435**
Routine Name: IBNCPLOG
Before: B64598922 After: B64598922  **342,339,363,383,411,435**
Routine Name: IBNCPPUT3
Before: B15411272 After: B15136080  **411,435**
Routine Name: IBOSCDC
Before: B46124524 After: B46120180  **384,435**
Routine Name: IBOSCDC1
Before: B17599955 After: B17703191  **384,435**
Routine Name: IBRFN
Before: B52599969 After: B63404251  **52,130,183,223,309,276,347,411,435**
Routine Name: IBY435PO
Before: n/a After: B6818265 **435**

Routine list of preceding patches: 437, 438
3. **Enhancements**

3.1. **Technical Modifications**

3.1.1 Insurance Eligibility Processing
Functionality has been created to allow IB users to submit NCPDP insurance Eligibility inquiries and receive Eligibility responses back from the payers.

3.1.2 Initiate e-Pharmacy Eligibility Inquiry
A new option has been added to allow IB users to manually initiate an NCPDP eligibility inquiry. The new option is called "Initiate e-Pharmacy Eligibility Inquiry" [IBCNR ELIGIBILITY INQUIRY]. This option is on the parent menu "e-Pharmacy Menu" [IBCNR E-PHARMACY MENU].

3.1.3 Creation of New Insurance Buffer Entries
NCPDP Eligibility responses will result in the creation of new insurance buffer entries.

3.1.4 Changes to IB Insurance Buffer Application
The IB insurance buffer application has been enhanced to display the ePharmacy eligibility response information on the buffer Expand Entry screen.

3.1.5 ePharmacy-Only View in Insurance Buffer
An ePharmacy-only view has been added to the insurance buffer to only display those entries that originated from ePharmacy NCPDP eligibility responses.

3.1.6 New Entry in SOURCE OF INFORMATION File (355.12)
A new source of insurance information has been added to the SOURCE OF INFORMATION dictionary file (355.12).

3.1.7 New Payer Sheets
Two new NCPDP Payer Sheets are put into service with this patch - the E1 eligibility payer sheet and the E1 TEST eligibility payer sheet.

3.1.8 Change to ECME Number Length
The length of the ePharmacy ECME number has been increased from 7 to 12 characters under NCPDP D.0. VistA screens and reports and prompts have been updated accordingly.

3.1.9 New Action on TPJI Application
A new action has been added to the Third Party Joint Inquiry (TPJI) application. The ability to view ECME Information on a new ECME response information screen has been added.

3.1.10 Changes to Claims Tracking Back-Billing Option
The IB users will now be able to enter a Delay Reason Code when submitting ECME claims through the Claims Tracking back-billing option.
3.2. Issue Resolutions

3.2.1 New Service Requests (NSRs)
This patch addresses the following New Service Request (NSR):
----------------------------------------
Request Name: e-Pharmacy Phase 5: FY09
Request ID: 20080103

3.2.2 Remedy Tickets
There are no Remedy Tickets associated with this patch.