



ePHARMACY

PHASE V

Integrated Billing (IB)

RELEASE NOTES

IB*2*435
October 2011

Department of Veterans Affairs
Product Development

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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:

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

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:

<u>FILE NAME</u>	<u>DESCRIPTION</u>
IB_2_P435_RN.PDF	IB Release Notes

(This page included for two-sided copying.)

2. Patch Description and Installation Instructions

2.1. Patch Description

DHCP Patch Display Page: 1

```
=====
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:

APPLICATION/VERSION	PATCH
-----	-----
OUTPATIENT PHARMACY (OP) V. 7.0	PSO*7*359
INTEGRATED BILLING (IB) V. 2.0	IB*2*435
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*10
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*271

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:

FILE #	FILE NAME	UP DATE DD	SEND SEC. CODE	DATA COMES W/FILE	SITE DATA	RSLV PTRS	USER OVER RIDE
355.33	INSURANCE BUFFER	YES	YES	NO			NO
356	CLAIMS TRACKING	YES	YES	NO			NO
366.03	PLAN	YES	YES	NO			NO

366.14 IB NCPDP EVENT LOG YES YES NO NO

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

Field Name (Number)	File Name (Number) Subfile Name (Number)
-----	-----
BPS RESPONSE (.17)	INSURANCE BUFFER (355.33)
ECME NUMBER (1.1)	CLAIMS TRACKING (356)
TEST ELIGIBILITY SHEET NAME (10.14)	PLAN (366.03)
ELIGIBILITY PAYER SHEET NAME (10.15)	PLAN (366.03)
BCID (.12)	IB NCPDP EVENT LOG (366.14)
	-EVENT (sub-file) (366.141)
CLAIMID (.13)	IB NCPDP EVENT LOG (366.14)
	-EVENT (sub-file) (366.141)

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

OPTION:

IBCNR E-PHARMACY MENU
IBCNR ELIGIBILITY INQUIRY

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

PROTOCOL:

IBCNCB FAST EXIT
IBCNCB LIST ADD
IBCNCB LIST APPOINTMENTS VIEW
IBCNCB LIST CHECK NAMES
IBCNCB LIST ENTRY SCREEN
IBCNCB LIST EPHARMACY VIEW
IBCNCB LIST MEDICARE VIEW
IBCNCB LIST NEGATIVE VIEW
IBCNCB LIST POSITIVE VIEW
IBCNCB LIST PROCESS SCREEN
IBCNCB LIST REJECT
IBCNCB LIST SCREEN MENU
IBCNCB 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

IBNCPDP INS ELIG TOGGLE
IBNCPDP INS ELIG VER INQ MENU
IBNCPDP QUIT
IBNCPDP VIEW EXP POL

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, <http://www.va.gov/vdl>.

The documentation distribution includes:

FILE NAME	DESCRIPTION
-----	-----
IB_2_P435_RN.PDF	IB Release Notes

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 IBY435P0. 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 IBY435P0 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_PSO_IB_PRCA.KID (e.g.,
SYS\$SYSDEVICE:[ANONYMOUS]BPS_1_10_PSO_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:

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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 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	**251,435**
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: n/a	After: B61346654	**435**
Routine Name: IBJTU2	Before: B10627973	After: B10638422	**39,106,199,211,276,435**
Routine Name: IBNCPBB			

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		
Before: B104141348	After: B138462172	**223,276,339,363,383,405,384,411,434,437,435**
Routine Name: IBNCPDP2		
Before: B63574984	After: B72289199	**223,276,342,347,363,383,405,384,411,435**
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: IBNCPDPC		
Before: B5201665	After: B4153613	**276,339,363,384,435**
Routine Name: IBNCPDPE		
Before: B17129560	After: B17708957	**276,342,347,363,384,435**
Routine Name: IBNCPDPI		
Before: B13118799	After: B13081373	**276,383,384,411,435**
Routine Name: IBNCPDPU		
Before: B73774762	After: B95492067	**223,276,347,383,405,384,437,435**
Routine Name: IBNCEV		
Before: B84818902	After: B84626765	**342,363,383,384,411,435**
Routine Name: IBNCEV1		
Before: B46733979	After: B49201751	**342,339,363,411,435**
Routine Name: IBNCPIV		
Before: n/a	After: B54267861	**435**
Routine Name: IBNCPLOG		
Before: B64598922	After: B64598922	**342,339,363,383,411,435**
Routine Name: IBNCPUT3		
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.