

ePharmacy

**PHASE V**

**Integrated Billing (IB)**

**RELEASE NOTES**

IB\*2\*435

October 2011

Department of Veterans Affairs

Product Development

**Table of Contents**

[1. Introduction 1](#_Toc305859085)

[1.1. Documentation Distribution 1](#_Toc305859086)

[2. Patch Description and Installation Instructions 3](#_Toc305859087)

[2.1. Patch Description 3](#_Toc305859088)

[2.2. Pre/Post Installation Overview 6](#_Toc305859089)

[2.3. Installation Instructions 7](#_Toc305859090)

[3. Enhancements 11](#_Toc305859091)

[3.1. Technical Modifications 11](#_Toc305859092)

[3.1.1 Insurance Eligibility Processing 11](#_Toc305859093)

[3.1.2 Initiate e-Pharmacy Eligibility Inquiry 11](#_Toc305859094)

[3.1.3 Creation of New Insurance Buffer Entries 11](#_Toc305859095)

[3.1.4 Changes to IB Insurance Buffer Application 11](#_Toc305859096)

[3.1.5 ePharmacy-Only View in Insurance Buffer 11](#_Toc305859097)

[3.1.6 New Entry in SOURCE OF INFORMATION File (355.12) 11](#_Toc305859098)

[3.1.7 New Payer Sheets 11](#_Toc305859099)

[3.1.8 Change to ECME Number Length 11](#_Toc305859100)

[3.1.9 New Action on TPJI Application 11](#_Toc305859101)

[3.1.10 Changes to Claims Tracking Back-Billing Option 11](#_Toc305859102)

[3.2. Issue Resolutions 12](#_Toc305859103)

[3.2.1 New Service Requests (NSRs) 12](#_Toc305859104)

[3.2.2 Remedy Tickets 12](#_Toc305859105)

*(This page included for two-sided copying.)*

# 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:

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.

## Documentation Distribution

The documentation distribution includes:

FILE NAME DESCRIPTION

----------------------------------------------------------------------

IB\_2\_P435\_RN.PDF IB Release Notes

*(This page included for two-sided copying.)*

# Patch Description and Installation Instructions

## 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:

UP SEND DATA USER

DATE SEC. COMES SITE RSLV OVER

FILE # FILE NAME DD CODE W/FILE DATA PTRS 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:

---------

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

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

REDACTED, 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 REDACTED

Hines REDACTED

Salt Lake City REDACTED

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:

-----------

REDACTED

## 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.

## 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:

REDACTED

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 REDACTED

Hines REDACTED

Salt Lake City REDACTED

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:

====================

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: IBNCPEV

Before: B84818902 After: B84626765 \*\*342,363,383,384,411,435\*\*

Routine Name: IBNCPEV1

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

# Enhancements

## 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

1. The IB users will now be able to enter a Delay Reason Code when submitting ECME claims through the Claims Tracking back-billing option.

## 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.