

Outpatient Pharmacy

**ePharmacy Phase 4 COB**

**INTEGRATED BILLING (IB)**

**RELEASE NOTES**

IB\*2\*411

August 2010

Department of Veterans Affairs

**V***IST***A** Health   
Systems Design & Development

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# Introduction

This patch has enhancements that extend the capabilities of the **V***IST***A** ePharmacy billing system, primarily to allow for the electronic submission of secondary pharmacy claims. Below is a list of all the applications involved in this project along with their patch number:

APPLICATION/VERSION PATCH

Integrated Billing (IB) V. 2.0 IB\*2\*411

Electronic Claims Management Engine (ECME) V. 1.0 BPS\*1\*8

Outpatient Pharmacy (OP) V. 7.0 PSO\*7\*290

The three patches (PSO\*7\*290, IB\*2\*411, and BPS\*1\*8) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB BUNDLE 4.0 For more specific instruction please refer to the installation steps provided in each of the patches.

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# Patch Description and Installation Instructions

DHCP Patch Display Page: 1

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

Run Date: SEP 01, 2010 Designation: IB\*2\*411

Package : INTEGRATED BILLING Priority : MANDATORY

Version : 2 Status : RELEASED

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

Associated patches: (v)IB\*2\*384 <<= must be installed BEFORE `IB\*2\*411'

Subject: ePHARMACY COB SUPPORT

Category: ROUTINE

DATA DICTIONARY

OTHER

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:

APPLICATION/VERSION PATCH

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

OUTPATIENT PHARMACY (OP) V. 7.0 PSO\*7\*290

INTEGRATED BILLING (IB) V. 2.0 IB\*2\*411

ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0 BPS\*1\*8

The three patches (PSO\*7\*290, IB\*2\*411 and BPS\*1\*8) are being released in

the Kernel Installation and Distribution System (KIDS) multi-build

distribution BPS PSO IB BUNDLE 4.0. For more specific instructions please

refer to the installation steps provided in each of the patches.

This patch modifies the Integrated Billing v2.0 application as described

below:

1. Third Party Joint Inquiry (TPJI),

Receipt Processing and Decrease Adjustment

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

This patch modifies the lookup of ePharmacy transactions to display

additional information to assist in the bill selection. When a lookup for

a bill is done and multiple matches are found the insurance company name

and a Coordination of Benefits (COB) indicator will now be displayed.

Select one of the following:

BILL RX DATE INSURANCE COB PATIENT

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

1 K60008Pe 100714 07/16/07 AETNA INSURANCE p IBPATIENT,ONE

2 K60008Qe 100714 07/16/07 BLUE CROSS OF WY s IBPATIENT,ONE

3 K60008Re 100714 07/16/07 NEW YORK LIFE IN IBPATIENT,ONE

Select one of the bills by number:

2. Changes to support ePharmacy secondary billing

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

Electronic Claims Management Engine package was modified to allow the user

to submit an e-claim to secondary payers. IB software was modified to

support secondary billing for e-Pharmacy claims, to create secondary bills

for specific insurance plans and rate types. Note: the Claims Tracking

system is not updated with the results of secondary billing except in

cases where the primary payer rejects the claim, but the secondary payer

pays.

3. Changes to IB ECME EVENTS report

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

IB ECME EVENTS report was modified to capture, store and display RX COB

(payer sequence) indicators.

4. BILLINFO^IBNCPDPI API modification

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

In order to support a new secondary billing functionality for e-Pharmacy

the IB Application Programmer Interface (API) BILLINFO^IBNCPDPI (ICR

#4729) was modified to accept a new parameter to pass in the payer

sequence to return information for a specific bill - primary or secondary.

5. RNB^IBNCPDPI API addition

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

In order to provide additional billing functionality for e-Pharmacy, the

IB API RNB^IBNCPDPI (ICR# 4729) was created to provide information

about whether or not the Claims Tracking episode for a specific

Prescription and Fill is billable.

6. New APIs for e-Pharmacy

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

In order to support a new secondary billing functionality for e-Pharmacy

three new APIs were introduced (ICR # 5355) in this patch: ISBILL^IBNCPUT3

- to determine if there is a bill with a given bill #, BILINF^IBNCPUT3 -

to get bill details from file #399, RXBILL^IBNCPUT3 - to find bill(s) for

the specific RX/refill.

7. A new IB API to support ECME Potential Secondary Rx Claims Report

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

The COLLECT^IBOSRX API (ICR # 5361) was designed to collect IB data for

ECME Potential Secondary Rx Claims Report.

8. The bill matching functionality

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

The code responsible for bill matching was adjusted to correctly process

bills with different payer sequence (primary and secondary bills). Also

modifications have been made to unify the matching process and use 7

digit format with leading zeros for ECME number identifiers (BCID).

The post-install routine will loop through all ECME number identifiers and

make sure they are 7 characters long.

9. Removing non-standard cross-references

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

The software was modified so that the non-standard "AG" cross-references

of the BILL/CLAIMS file (#399) are no longer used. The post-install

routine will clean up the "AG" node of the file, removing part of the

non-FileMan standard cross-references.

10. New Action in Patient Insurance Management

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

A new ListManager action has been added to the Patient Insurance

Management screen to allow the user to quickly identify which of the

patient's insurance policies provide for pharmacy coverage as of a user

specified prescription fill date. The name of the new action is "RX COB

Determination".

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

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

There is no NSR associated with this patch.

This patch addresses the following Remedy Ticket(s):

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

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:

UP SEND DATA

DATE SEC. COMES SITE RSLV

FILE # NAME DD CODE W/FILE DATA PTS

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

366.14 IB NCPDP EVENT LOG Y N N

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

Field Name (Number) File Name (Number)

Subfile Name (Number)

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

IB NCPDP EVENT LOG (366.14)

RX COB (7.01) subfile - EVENT (366.141)

PRIMARY BILL (7.02)

PRIOR PAYMENT (7.03)

RATE TYPE SELECTED BY USER (7.04)

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

Protocol Name

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

IBCNSM RX COB DETERMINATION

IBCNSM PATIENT INSURANCE

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\_p411\_rn.pdf IB Release Notes

Test Sites:

===========

REDACTED

Post Installation Overview

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The IB post-install routine delivered with IB\*2\*411 will schedule a job to

run in 3 days which removes invalid cross references. The three days

allows additional processing time to eliminate any remaining dependencies

on the old cross references.

It is important that the post install routine IB20P411 NOT be deleted

prior to the running of the background tasked job. At the completion of

the background tasked job, the installer will receive a MailMan message

indicating the post install routine may be removed from the site's system.

================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 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.

2. 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.

3. In addition, note that you will be prompted to disable the

following options during the installation:

Patient Insurance Info View/Edit [IBCN PATIENT INSURANCE]

ECME [BPSMENU]

Third Party Joint Inquiry [IBJ THIRD PARTY JOINT INQUIRY]

ECME Billing Events Report [IB ECME BILLING EVENTS]

Install Time - Approximately 10 minutes

1. OBTAIN PATCHES

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

Obtain the host file BPS\_1\_8\_PSO\_IB.KID, which contains the following

three patch installs:

BPS\*1.0\*8

PSO\*7.0\*290

IB\*2.0\*411

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\_8\_PSO\_IB.KID host file is located in the anonymous.software

directory. Use ASCII Mode when downloading the file.

3. 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:

4. LOAD TRANSPORT GLOBAL FOR MULTI-BUILD

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

After the installation of the stand-alone patches is complete, return

to the Installation menu.

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\_8\_PSO\_IB.KID (e.g.,

SYS$SYSDEVICE:[ANONYMOUS]BPS\_1\_8\_PSO\_IB.KID).

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

The following will display:

Loading Distribution...

BPS PSO IB BUNDLE 4.0

BPS\*1.0\*8

PSO\*7.0\*290

IB\*2.0\*411

Use INSTALL NAME: BPS PSO IB BUNDLE 4.0 to install this

Distribution.

7. RUN OPTIONAL INSTALLATION OPTIONS FOR MULTI-BUILD

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From the Installation menu, you may select to use the following

options (when prompted for the INSTALL NAME, enter

BPS PSO IB BUNDLE 4.0):

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.

8. 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 4.0.

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 4.0.

c. For the BPS\*1\*8 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. For the PSO\*7\*290 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.

e. For the IB\*2\*411 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.

f. When prompted "Want KIDS to INHIBIT LOGONs during the

install? YES//" enter NO.

g. When prompted "Want to DISABLE Scheduled Options, Menu Options,

and Protocols? YES//" enter YES.

h. When prompted "Enter options you wish to mark as 'Out Of

Order':" enter the following options:

Patient Insurance Info View/Edit [IBCN PATIENT INSURANCE]

ECME [BPSMENU]

Third Party Joint Inquiry [IBJ THIRD PARTY JOINT INQUIRY]

ECME Billing Events Report [IB ECME BILLING EVENTS]

i. When prompted "Enter protocols you wish to mark as 'Out Of

Order':" enter the following protocol:

IBCNSM PATIENT INSURANCE

j. When prompted "Delay Install (Minutes): (0-60): 0//" 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.

k. When prompted "Device: Home//" respond with the correct device.

The second line of each of the following routines now looks like:

;;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 29

Routine Information:

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

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: IB20P411

Before: n/a After: B8564049 \*\*411\*\*

Routine Name: IBNCPDP

Before: B5165020 After: B5373340 \*\*223,276,363,383,384,411\*\*

Routine Name: IBNCPDP1

Before: B62284917 After: B86393869 \*\*223,276,339,363,383,405,384,411\*\*

Routine Name: IBNCPDP2

Before: B58655489 After: B63574984 \*\*223,276,342,347,363,383,405,

384,411\*\*

Routine Name: IBNCPDP3

Before: B30631647 After: B32452413 \*\*223,276,342,363,383,384,411\*\*

Routine Name: IBNCPDP4

Before: B49164947 After: B55992890 \*\*276,342,405,384,411\*\*

Routine Name: IBNCPDP5

Before: n/a After: B76631396 \*\*411\*\*

Routine Name: IBNCPDP6

Before: B12692205 After: B13230978 \*\*383,384,411\*\*

Routine Name: IBNCPDPI

Before: B7116772 After: B13118799 \*\*276,383,384,411\*\*

Routine Name: IBNCPDS1

Before: n/a After: B11093951 \*\*411\*\*

Routine Name: IBNCPEV

Before: B85988869 After: B84818902 \*\*342,363,383,384,411\*\*

Routine Name: IBNCPEV1

Before: B46001454 After: B46733979 \*\*342,339,363,411\*\*

Routine Name: IBNCPLOG

Before: B61812598 After: B64598922 \*\*342,339,363,383,411\*\*

Routine Name: IBNCPUT3

Before: n/a After: B15411272 \*\*411\*\*

Routine Name: IBOSRX

Before: n/a After: B12228419 \*\*411\*\*

Routine Name: IBRFN

Before: B49715724 After: B52599969 \*\*52,130,183,223,309,276,347,411\*\*

Routine list of preceding patches: 384

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

User Information:

Entered By : REDACTED Date Entered : DEC 4,2008

Completed By: REDACTED Date Completed: SEP 1,2010

Released By : Date Released :

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# Enhancements

## Technical Modifications

### 3.1.1 Modification to TPJI, Receipt Processing and Decrease Adjustment

This patch modifies the lookup of ePharmacy transactions to display additional information to assist in the bill selection. When a lookup for a bill is done and multiple matches are found, the insurance company name and a COB indicator will now be displayed.

**Note:** The Claims Tracking system is not updated with the results of secondary billing except in cases where the primary payer rejects the claim, bu the secondary payer pays.

### 3.1.2 Changes to Support ePharmacy Secondary Billing

The ECME package has been modified to allow the user to submit an eClaim to secondary payers. IB software was modified to support secondary billing for ePharmacy claims in order to create secondary bills for specific insurance plans and rate types.

**Note:** The Claim Tracking system is not updated with the results of secondary billing.

### 3.1.3 Changes to IB ECME EVENTS Report

The IB ECME EVENTS Report was modified to capture, store, and display RX COB (payer sequence) indicators.

### 3.1.4 BILLINFO^IBNCPDPI API Modification

In order to support a new secondary billing functionality for ePharmacy, the IB API BILLINFO^IBNCPDPI (ICR#4729) was modified to accept a new parameter to pass in the payer sequence to return information for a specific bill—either primary or secondary.

### 3.1.5 RNB^IBNCPDPI API Addition

In order to provide a new secondary billilng functionality for ePharmacy, the IB Application Programmer Interface (API) RNB^IBNCPDPI (ICR# 4729) was created in order to provide information about whether or not the Claims Tracking episode for a specific Prescription and Fill is billable.

### 3.1.6 New APIs for ePharmacy

In order to support a new secondary billing functionality for ePharmacy, three new APIs were introducted (ICR # 5355) in this patch: ISBILL^IBNCPUT3 (to determine if there is a bill with a given bill #); BILINF^IBNCPUT3 (to get bill details from file #399); RXBILL^IBNCPUT3 (to find bill(s) for the specific RX/refill.

### 3.1.7 New IB API to Support ECME Potential Secondary Rx Claims Report

The COLLECT^IBOSRX API (ICR # 5361) was designed to collect IB data for the ECME Potential Secondary Rx Claims Report.

### 3.1.8 Bill Matching Functionality

The code responsible for bill matching was adjusted to process correctly bills with different payer sequence (primary and secondary bills). Also modifications have been made to unify the matching process and use a 7-digit format with leading zeros for ECME number identifiers (BCID).

The post-install routine will loop through all ECME number identifiers and make sure they are 7 characters long.

### 3.1.9 Removing Non-standard Cross-references

The software was modified to not use the non-standard “AG” cross-references of the BILL/CLAIMS fiel (#399). The post-install routine will clean up the “AG” node of the file, removing part of the non-File Man standard cross-references.

### 3.1.10 New Action in Patient Insurance Management: RX COB Determination

A new ListManager action has been added to the Patient Insurance Management Screen to allow the user to quickly identify which of the patient’s insurance policies provide for pharmacy coverage as of a user specified prescription fill date. The name of the new action is “RX COB Determination”.

## Issue Resolutions

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