



**Electronic Data Interchange (EDI)  
New Standards and Operating Rules –  
VHA Provider-side Technical Compliance Requirements  
TAC-12-03366**

**ePHARMACY  
Integrated Billing (IB)  
RELEASE NOTES/  
INSTALLATION GUIDE  
IB\*2\*494**

**November 2013**

*Version 1.0*

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Department of Veterans Affairs  
Office of Enterprise 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:

APPLICATION/VERSION	PATCH
-----	-----
OUTPATIENT PHARMACY (OP) V. 7.0	PSO*7*421
INTEGRATED BILLING (IB) V. 2.0	IB*2*494
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*15
CONSOLIDATED MAIL OUTPATIENT PHARMACY (CMOP) V. 2.0	PSX*2*74
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*295

The patches (PSO\*7\*421, IB\*2\*494, BPS\*1\*15, PSX\*2\*74 and PRCA\*4.5\*295) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB PSX PRCA BUNDLE 8.0.

The purpose of this software package is to ensure National Council for Prescription Drug Programs (NCPDP) D.0 - D.9 transactions are functional in the Electronic Data Interchange (EDI) New Standards and Operating Rules environment and includes annual External Code List (ECL) updates into NCPDP fields.

The package also provides the ability to alert the pharmacist at the time of prescription processing regarding the days' supply benefit.

## 1.1 Documentation Distribution

Updated documentation describing the new functionality introduced by this patch is available.

The preferred method is to FTP the files from <ftp://download.vista.med.va.gov/>. This transmits the files from the first available FTP server. Sites may also elect to retrieve software directly from a specific server as follows:

Albany	<a href="ftp://ftp.fo-albany.med.va.gov">ftp.fo-albany.med.va.gov</a>	< <a href="ftp://ftp.fo-albany.med.va.gov">ftp://ftp.fo-albany.med.va.gov</a> >
Hines	<a href="ftp://ftp.fo-hines.med.va.gov">ftp.fo-hines.med.va.gov</a>	< <a href="ftp://ftp.fo-hines.med.va.gov">ftp://ftp.fo-hines.med.va.gov</a> >
Salt Lake City	<a href="ftp://ftp.fo-slc.med.va.gov">ftp.fo-slc.med.va.gov</a>	< <a href="ftp://ftp.fo-slc.med.va.gov">ftp://ftp.fo-slc.med.va.gov</a> >

The documentation will be in the form of Adobe Acrobat files.

Documentation can also be found on the VA Software Documentation Library at: <http://www4.va.gov/vdl/>

Title	File Name	FTP Mode
-----	-----	-----
IB Release Notes/ Installation Guide (IB*2.0*494)	IB_2_0_P494_RN.PDF	Binary

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

# 2 Patch Description and Installation Instructions

## 2.1 Patch Description

VistA Patch Display Page: 1  
=====

Run Date: SEP 24, 2013	Designation: IB*2*494 TEST v8
Package : INTEGRATED BILLING	Priority : MANDATORY
Version : 2	Status : UNDER DEVELOPMENT

=====

Associated patches: (v)IB\*2\*432 <=< must be installed BEFORE `IB\*2\*494'  
(v)IB\*2\*473 <=< must be installed BEFORE `IB\*2\*494'

Subject: EPHARMACY OPERATING RULES

Category: DATA DICTIONARY  
ROUTINE  
ENHANCEMENT  
OTHER

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*421
INTEGRATED BILLING (IB) V. 2.0	IB*2*494
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*15
CONSOLIDATED MAIL OUTPATIENT PHARMACY (CMOP) V. 2.0	PSX*2*74
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*295

The patches (PSO\*7\*421, IB\*2\*494, BPS\*1\*15, PSX\*2\*74 and PRCA\*4.5\*295) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS PSO IB PSX PRCA BUNDLE 8.0.

The purpose of this software package is to ensure National Council for Prescription Drug Programs (NCPDP) D.0 - D.9 transactions are functional in the Electronic Data Interchange (EDI) New Standards and Operating Rules environment and includes annual External Code List (ECL) updates into NCPDP fields.

The package also provides the ability to alert the pharmacist at the time of prescription processing regarding the days' supply benefit.

This specific patch contains the following functionality:  
-----

1. Action RX ECME Information in option IBJ Third Party Joint Inquiry [IBJ THIRD PARTY JOINT INQUIRY] is modified to display an additional line with information on cancelled bills above Payment Information.

2. Several options are decommissioned by the post-install routine IBY494P0 for this patch:

- a. Option IB Drugs non covered report [IB DRUGS NON COVERED REPORT] is deleted.
- b. The e-Pharmacy Menu [IBCNR E-PHARMACY MENU] is modified to remove the following options from the menu:

```

EHNF  Edit HIPAA NCPDP FLAG
ENP   Edit NCPDP PROCESSOR APPLICATION Sub-file
EPAY  Edit PAYER APPLICATION Sub-file
EPBM  Edit PBM APPLICATION Sub-file
NON   Drugs non covered report

```

- c. Tasked option EPHARMACY SHARED MATCHES REPORT - TASKMAN [IBCNR SHARED MATCHES RPT TASK] is deleted and any existing tasks de-scheduled.
- d. The IB SITE PARAMETERS file (#350.9) is modified to remove fields:

```

Drug Non Covered Recheck Period (#11.02)
Non covered Reject Codes sub-file (#350.912)

```

- e. IB Billing Determination is modified to remove call to \$\$CHCK^IBNCDNC so that there is no check to see if the drug/plan is stored in the IB NDC NON COVERED BY PLAN file (#366.16).

3. Several files and fields are decommissioned by the post-install routine IBY494P0 for this patch:

- a. NON COVERED REJECT CODES Sub-File (#350.912) is removed from the IB SITE PARAMETERS FILE (#350.9).
- b. DRUG NONCOVERED RECHECK PERIOD field (#11.02) is removed from the IB SITE PARAMETERS FILE (#350.9).
- c. IB NDC NON COVERED BY PLAN file (#366.16) is removed from Vista.
- d. DBIA# 5185 to allow ECME access to Integrated Billing data for IB NDC NON COVERED BY PLAN file (#366.16) is deactivated.

Patch Components  
 =====

The following is a list of field modifications included in this patch:

File Name (#)	Field Name (#)	New/Mod/Deleted
IB SITE PARAMETERS (#350.9)	DRUG NONCOVERED RECHECK PERIOD (#11.02)	Deleted
	NON COVERED REJECT CODES (#12)	Deleted
IB NDC NON COVERED BY PLAN (#366.16)	Entire File	Deleted

Forms Associated:

Form Name	File #	New/Modified/Deleted
-----	-----	-----



N/A

Mail Groups Associated:

Mail Group Name	New/Modified/Deleted
-----	-----
N/A	

Options Associated:

Option Name	Type	New/Modified/Deleted
-----	----	-----
IBCNR SHARED MATCHES RPT TASK	run routine	Deleted
IBCNR E-PHARMACY MENU	menu	Modified
IB DRUGS NON COVERED REPORT	run routine	Deleted
IB SITE MGR MENU	menu	Modified
IB TRICARE ENGINE START	run routine	Deleted
IB TRICARE ENGINE STOP	run routine	Deleted
IB TRICARE MENU	menu	Deleted
IB TRICARE REVERSE	run routine	Deleted
IB TRICARE RESUBMIT	run routine	Deleted
IB TRICARE REJECT	run routine	Deleted
IB TRICARE TRANSMISSION	run routine	Deleted
IB TRICARE DEL REJECT	run routine	Deleted

Protocols Associated:

Protocol Name	New/Modified/Deleted
-----	-----
N/A	

Security Keys Associated:

Security Key Name
-----
N/A

Templates Associated:

Template Name	Type	New/Modified/Deleted
-----	----	-----
IBJT ECME RESP INFO	LIST	Modified

Additional Information: N/A

New Service Requests (NSRs):

-----  
20110503 - Electronic Data Interchange (EDI) New Standards and Operating Rules (Veterans Health Administration) VHA Provider-Side TCRs

Patient Safety Issues (PSIs)

-----  
N/A

#### Remedy Ticket(s) & Overview:

-----  
N/A

#### Test Sites:

-----  
Birmingham VAMC, AL  
Mountain Home VAMC, TN  
Richmond VAMC, VA  
Little Rock VAMC, AR  
Jackson VAMC, MS

#### Documentation Retrieval Instructions:

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Updated documentation describing the new functionality introduced by this patch is available.

The preferred method is to FTP the files from `ftp://download.vista.med.va.gov/`. This transmits the files from the first available FTP server. Sites may also elect to retrieve software directly from a specific server as follows:

Albany	<code>ftp.fo-albany.med.va.gov</code>	<code>&lt;ftp://ftp.fo-albany.med.va.gov&gt;</code>
Hines	<code>ftp.fo-hines.med.va.gov</code>	<code>&lt;ftp://ftp.fo-hines.med.va.gov&gt;</code>
Salt Lake City	<code>ftp.fo-slc.med.va.gov</code>	<code>&lt;ftp://ftp.fo-slc.med.va.gov&gt;</code>

The documentation will be in the form of Adobe Acrobat files.

Documentation can also be found on the VA Software Documentation Library at:  
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Title	File Name	FTP Mode
-----	-----	-----
IB Release Notes/ Installation Guide (IB*2.0*494)	IB_2_0_P494_RN.PDF	Binary

## 2.2 Pre/Post Installation Overview

There is a post-install routine associated with this patch named `POST^IBY494PO`. The purpose of the post-install routine is to perform the decommissioning described above.

The post-install routine is automatically deleted by the system if allowed by your Kernel site parameters configuration. You may delete routine `IBY494PO` if the installation was successful and it is not automatically deleted by `KIDS`.

## 2.3 Installation Instructions

This patch should take less than a minute to install.

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 are the options below.

1. BPS NIGHTLY BACKGROUND JOB [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. Scheduled CS Transmission [PSXR SCHEDULED CS TRANS] and Scheduled Non-CS Transmission [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.

#### Pre-Installation Instructions

##### 1. OBTAIN PATCHES

Obtain the host file BPS\_1\_15\_PSO\_IB\_PSX\_PRCA.KID, which contains the following patches:

```
BPS*1.0*15
PSO*7.0*421
IB*2.0*494
PSX*2.0*74
PRCA*4.5*295
```

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\_15\_PSO\_IB\_PSX\_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\_15\_PSO\_IB\_PSX\_PRCA.KID (e.g., SYS\$SYSDEVICE:[ANONYMOUS]BPS\_1\_15\_PSO\_IB\_PSX\_PRCA.KID).

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

The following will display:

Loading Distribution...

BPS PSO IB PSX BUNDLE 8.0  
BPS\*1.0\*15  
PSO\*7.0\*421  
IB\*2.0\*494  
PSX\*2.0\*74  
PRCA\*4.5\*295

Use INSTALL NAME: BPS PSO IB PSX PRCA BUNDLE 8.0 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 PSX PRCA BUNDLE 8.0):

- 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 data dictionaries 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, data dictionaries, 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 PSX PRCA BUNDLE 8.0.

- a. Choose the Install Package(s) option to start the patch install.
- b. When prompted for the "Select INSTALL NAME:", enter BPS PSO IB PSX PRCA BUNDLE 8.0.
- c. 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.

Post-Installation Instructions  
-----

In order to verify the patch post-installation routine was run successfully, please examine the Install File for this patch and report any error messages to Product Support. Please also confirm the patch post-installation routine, IBY494P0, was removed if allowed by your Kernel site parameter configuration.

Routine Information:  
=====

The second line of each of these routines now looks like:  
;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 11

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

Routine Name: IBCNSC01				
Before: B55647455	After: B57572758	**52,137,191,184,232,320,349,	371,399,416,432,494**	
Routine Name: IBJPS				
Before: B3750253	After: B3719053	**39,52,70,115,143,51,137,161,	155,320,348,349,377,384,400,	432,494**
Routine Name: IBJPS2				
Before: B43690193	After: B40350434	**39,52,115,143,51,137,161,155,	320,348,349,377,384,400,432,	494**
Routine Name: IBJTRX				
Before: B76083313	After: B80926965	**435,452,494**		
Routine Name: IBNCPDP1				
Before: B196557252	After: B191529259	**223,276,339,363,383,405,384,	411,434,437,435,455,452,473,	494**
Routine Name: IBY494PO				
Before: n/a	After: B92100972	**494**		

Routine list of preceding patches: 432, 473

## 3 Enhancements

### 3.1 Functional Specifications for Integrated Billing (IB)

#### 3.1.1 Nightly Report for FSC

##### 3.1.1.1 Remove Nightly TaskMan Job

The system no longer produced a download to send to FSC via option ePharmacy Shared Matches Report – TaskMan.

The job was removed from the Task Manager schedule. The feature components, including code, were removed from the system.

The original components were contained in patch IB\*2\*322 which was available in Attachment A of the Requirements Specification Document.

This requirement pertains to decommissioned functionality.

#### 3.1.2 View Insurance

##### 3.1.2.1 Remove “e-Pharmacy” from Insurance Company Enter/Edit

The “EI Insurance Company Entry/Edit” option no longer displayed “e-Pharmacy” on the Payer Information line.

The comma following e-IV was removed.

This requirement pertains to decommissioned functionality.

Payer Information: e-IV, e-Pharmacy	
Payer Name:	
VA National ID:	CMS National ID:

##### 3.1.2.2 Remove the E-PHARM Payer Application Section

The “EI Insurance Company Entry/Edit” option no longer displayed a Payer Application section of E-PHARM.

This requirement pertains to decommissioned functionality.

Before the enhancement:

Payer Information: e-IV, e-Pharmacy	
Payer Name: EPHARM INSURANCE	CMS National ID:
VA National ID: XX999	
Payer Application: E-PHARM	FSC Auto-Update: NO
National Active: YES	Deactivated: NO
Local Active: YES	
Payer Application: eIV	FSC Auto-Update: NO
National Active: YES	Deactivated: NO
Local Active: YES	

After the enhancement:

Payer Information: e-IV	
Payer Name: EPHARM INSURANCE	CMS National ID:
VA National ID: XX999	
Payer Application: eIV	FSC Auto-Update: NO
National Active: YES	Deactivated: NO
Local Active: YES	

### 3.1.3 TPJI ECME Claim Information

#### 3.1.3.1 Display Cancelled Bill Information

The ECME Claim Information Screen displayed information for cancelled bills.

From option IBJ Third Party Joint Inquiry, action RX ECME Information displayed an additional line with information on cancelled bills above Payment Information. The reason was displayed next to the status. If a claim reversal did not exist, the screen did not display the additional line. In the header of the screen, an additional line that shows the AR status, original amount, and balance due was displayed.

ECME Claim Information	Jan 28, 2013@10:06:53	Page: 1 of 2
K300004e OPTRICARE,ONE 04789	DOB: 10/18/63	Subsc ID: SI9844532
AR Status: CANCELLATION	orig Amt: 13.77	Balance Due: 0.00

IB Status: CANCELLED (01/18/13)	Reason: ECME PRESCRIPTION REVERSED Payment Information
Ingredient Cost Paid:	55.70
Dispensing Fee Paid:	12.50
Patient Resp (Ins):	(10.00)
Expected Payment Amount:	68.32

### **3.1.4 Miscellaneous Decommissioned Functionality**

#### **3.1.4.1 Remove Options from IBCNR E-PHARMACY Menu**

The IBCNR E-PHARMACY Menu no longer contained options for the following:

EHNF Edit HIPAA NCPDP FLAG

ENP Edit NCPDP PROCESSOR APPLICATION Subfile

EPAY Edit PAYER APPLICATION Subfile

EPBM Edit PBM APPLICATION Subfile

NON Drugs Non-Covered Report

The data remained on the system for all options except “NON Drugs Non-Covered Report”. The data for the Drugs Non-Covered Report is addressed in subsequent requirements.

This requirement pertains to decommissioned functionality.

#### **3.1.4.2 Remove Drugs Non-Covered Report**

The system no longer contained the IB Drugs Non-Covered Report.

The option was removed from the system.

This requirement pertains to decommissioned functionality.

#### **3.1.4.3 Remove Drugs Non-Covered Recheck Period from Display**

Section 12 of the IB Site Parameters option did not contain a field for “Drug Non-Covered Recheck Period.”

This requirement pertains to decommissioned functionality.

#### **3.1.4.4 Remove Non-Covered Reject Codes from display**

Section 12 of the IB Site Parameters option did not contain a field for “Non-Covered Reject Codes”.

This requirement pertains to decommissioned functionality.



#### **3.1.4.5 Remove DRUG NON-COVERED RECHECK PERIOD field**

File IB SITE PARAMETERS FILE (350.9) no longer contained field DRUG NON-COVERED RECHECK PERIOD (11.02).

The data was removed and the field was deleted.

This requirement pertains to decommissioned functionality.

#### **3.1.4.6 Remove NON-COVERED REJECT CODES field**

File IB SITE PARAMETERS FILE (350.9) no longer contained field NON-COVERED REJECT CODES (11) in subfile 350.912.

The data was removed and the field was deleted and subfile.

This requirement pertains to decommissioned functionality.

#### **3.1.4.7 Remove file IB NDC NON-COVERED BY PLAN**

File IB NDC NON-COVERED BY PLAN (366.16) was removed from VistA.

Remove the data and delete the data dictionary and all associated fields. This requirement pertains to decommissioned functionality.

#### **3.1.4.8 Remove reference to IB NDC NON-COVERED BY PLAN**

The VistA system no longer referenced file IB NDC NON-COVERED BY PLAN (366.16).

IB Billing Determination was modified so that there was no check to see if the drug/plan was stored in file 366.16. (Note: the call to \$\$CHCK^IBNCDNC was removed.)

This pertains to decommissioned functionality.

#### **3.1.4.9 Modify DBIA# 5185**

The ECME system no longer referenced DBIA# 5185 to allow access to Integrated Billing data for file IB NDC NON-COVERED BY PLAN (366.16).

The routine that referenced the DBIA (IBNCDNC) was removed.

This requirement pertains to decommissioned functionality.

#### **3.1.4.10 Remove Decommissioned Routines**

The VistA system no longer contained routines for the Drugs Non-Covered functionality.

The functionality was decommissioned and corresponding data were removed. Routines IBNCDNC and IBNCDNC1 were removed.

This requirement pertains to decommissioned functionality.

### **3.1.5 Old TRICARE Processes**

#### **3.1.5.1 Remove Old TRICARE Process**

The system no longer contained the components distributed for the old TRICARE Process.

Prior to the ePharmacy project for electronically billable TRICARE claims, there were TRICARE processes in place to handle billing. The ePharmacy TRICARE project did not follow the same design as the original TRICARE process, and that original software was retired. The associated data remained on the system. The original components were contained in patch IB\*2\*52, which is available for reference in Attachment B of the Requirements Specification Document.

This requirement pertains to decommissioned functionality.