

**VA**



**U.S. Department of Veterans Affairs**

Office of Information and Technology  
*Product Development*

**Electronic Data Interchange (EDI)  
New Standards and Operating Rules –  
VHA Provider-side Technical Compliance Requirements  
VA118-1001-1018**

**ePayments**

**Integrated Billing (IB)**

**RELEASE NOTES/ Installation Guide/ Rollback Plan**

**IB\*2\*511**

**May 2015**

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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 payment (ePayments) system. 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*511
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*17
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*298

The patches (IB\*2\*511, BPS\*1\*17 and PRCA\*4.5\*298) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution BPS IB PRCA EPAYMENTS BUNDLE 1.0.

## 1.1 Documentation and Distribution

Documentation Retrieval Instructions:

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:  
`http://www4.va.gov/vdl/`

Title	File Name	FTP Mode
IB Release Notes/Installation Guide (IB*2.0*511)	IB_2_0_P511_RN.PDF	Binary

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## 2 Patch Description and Installation Instructions

### 2.1 Patch Description

```
=====
Run Date: MAY 19, 2015                Designation: IB*2*511
Package : INTEGRATED BILLING          Priority   : MANDATORY
Version : 2                           Status    : RELEASED
=====
```

```
Associated patches: (v)IB*2*451      <<= must be installed BEFORE `IB*2*511'
                   (v)IB*2*452      <<= must be installed BEFORE `IB*2*511'
                   (v)IB*2*488      <<= must be installed BEFORE `IB*2*511'
```

Subject: ePAYMENTS COMPLIANCE

Category: ROUTINE  
DATA DICTIONARY  
ENHANCEMENT

Description:

```
=====
Patch IB*2.0*511 is part of a multi-build:
    BPS IB PRCA EPAYMENTS BUNDLE 1.0
See patch PRCA*4.5*298 for the complete description.
```

This patch has enhancements that extend the capabilities of the Veterans Health Information Systems and Technology Architecture (Vista) electronic payment (ePayments) system. Below is a list of all the applications involved in this project along with their patch number:

APPLICATION/VERSION	PATCH
ACCOUNTS RECEIVABLE (PRCA) V. 4.5	PRCA*4.5*298
INTEGRATED BILLING (IB) V. 2.0	IB*2.0*511
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1.0*17

This specific patch contains the following functionality:

- ```
-----
```
1. The Third Party Joint Inquiry option [IBJ THIRD PARTY JOINT INQUIRY] is modified to include an Auto-Post Status indicator after the Electronic Remittance Advice (ERA) on the TPJI Bill Charges screen. The indicator is displayed if the ERA is an Auto-Posting candidate.
  2. The Third Party Joint Inquiry option [IBJ THIRD PARTY JOINT INQUIRY] is modified to include detail of an Electronic Explanation of Benefits (EEOB) Deletion on the following screens.
    - Bill Charges
    - Comment History

Patch Components

=====

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

| File Name (#)                                 |                                 | New/Modified/Deleted |
|-----------------------------------------------|---------------------------------|----------------------|
| Sub-File Name (#)                             | Field Name (#)                  | Deleted              |
| -----                                         | -----                           | -----                |
| EXPLANATION OF BENEFITS (#361.1)              |                                 |                      |
|                                               | EEOB REMOVED (#102)             | New                  |
| MOVE/COPY/REMOVE HISTORY SUB-FILE (#361.1101) |                                 |                      |
|                                               | DATE/TIME EEOB MOVED (#.01)     | Modified             |
|                                               | EEOB MOVE/COPY/REMOVE BY (#.02) | Modified             |
|                                               | MOVE/COPY/REMOVE REASON (#.03)  | Modified             |
|                                               | MOVE/COPY/REMOVE EVENT (#.05)   | Modified             |

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 |
|-------------|-------|----------------------|
| -----       | ----- | -----                |
| N/A         |       |                      |

Protocols Associated:

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

Security Keys Associated:

| Security Key Name |
|-------------------|
| -----             |
| N/A               |

Templates Associated:

| Template Name | Type | File Name (Number) | New/Modified/Deleted |
|---------------|------|--------------------|----------------------|
| -----         |      |                    |                      |
| N/A           |      |                    |                      |

Additional Information: N/A

New Service Requests (NSRs):

-----  
 NSR - Request id: 20110503 Electronic Data Interchange (EDI) New Standards and Operating Rules (Veterans Health Administration) VHA Provider-Side TCRs 05/19/2011

<http://vista.med.va.gov/nsrd/ViewITRequest.asp?RequestID=20110503>

Patient Safety Issues (PSIs)

-----  
 N/A

Remedy Ticket(s) & Overview:

-----  
 N/A

Test Sites:

-----  
 VA Puget Sound Health Care System  
 VA Southern Nevada Healthcare System (VASNHS) - Las Vegas  
 New Mexico VA Health Care System - Albuquerque  
 Tuscaloosa VA Medical Center  
 Central Alabama Veterans Health Care System (CAVHCS)

## 2.2 Pre/Post Installation Overview

Pre/Post Installation Overview

-----  
 N/A

## 2.3 Installation Instructions

Installation Instructions

-----  
 See patch PRCA\*4.5\*298 for installation instructions.



## 2.4 Routine Information

Routine Information:

=====

The second line of each of these routines now looks like:

```
;;2.0;INTEGRATED BILLING; **[Patch List]**;21-MAR-1994;Build 96
```

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

Routine Name: IBCEOB4

Before: B17512247 After: B24468385 \*\*451,511\*\*

Routine Name: IBJTBA1

Before: B55203137 After: B75349267 \*\*135,265,155,349,417,451,488,511\*\*

Routine Name: IBNCPDPU

Before: B114125068 After: B122718985 \*\*223,276,347,383,405,384,437,  
435,452,511\*\*

Routine list of preceding patches: 452, 488

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## 3 Backout and Rollback Procedures

### 3.1 Overview of Backout and Rollback Procedures

The rollback plan for VistA applications is complex and not able to be a “one size fits all.” The general strategy for VistA rollback is to repair the code with a follow-on patch. The development team recommends that sites log a Remedy ticket if it is a nationally released patch; otherwise, the site should contact the Product Support team directly for specific solutions to their unique problems.

### 3.2 Backout Procedure

During the VistA Installation Procedure of the KIDS build, the installer hopefully backed up the modified routines by the use of the ‘Backup a Transport Global’ action. The installer can restore the routines using the MailMan message that were saved prior to installing the patch. The backout procedure for global, data dictionary and other VistA components is more complex and will require issuance of a follow-on patch to ensure all components are properly removed. All software components (routines and other items) must be restored to their previous state at the same time and in conjunction with restoration of the data. This backout may need to include a database cleanup process.

Please contact the Product Support team for assistance if the installed patch that needs to be backed out contains anything at all besides routines before trying to backout the patch. If the installed patch that needs to be backed out includes a pre or post install routine please contact the Product Support team before attempting the backout.

From the Kernel Installation and Distribution System Menu, select the Installation Menu. From this menu, you may elect to use the following option. When prompted for the INSTALL enter the patch #.

- 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.

### 3.3 Rollback Procedure

The rollback procedure for VistA patches is complicated and may require a follow-on patch to fully roll back to the pre-patch state. This is due to the possibility of Data Dictionary updates, Data updates, cross references, and transmissions from VistA to offsite data stores.

Please contact the Product Support team for assistance if needed.