**Health Administration Product Enhancements (HAPE**

**Electronic Data Interchange (EDI)**

**Medical Care Collection Fund (MCCF) Enhancements**

Health Plan Identifier (HPID) Implementation Compliance

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

**IB\*2\*525**



Department of Veterans Affairs

March 2016

Version 2.0

Office of Information and Technology (OI&T)

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# Introduction

This patch implements changes to VistA's Integrated Billing (IB) module as requested by the Veterans Health Administration (VHA) Chief Business Office (CBO) eBusiness Solutions Department to comply with the legislative changes mandated by the Health Insurance Portability andAccountability Act of 1996 (HIPAA).

\*\*\*Note:

The host file "MCCF\_FY14\_HPID\_EIV\_1\_0.KID" contain two patches (Eligibility IB\*2.0\*528 and HPID IB\*2.0\*525) that are bundled together into this host file. The two patches are NOT DEPENDENT on each other.

After loading the distribution "MCCF\_FY14\_HPID\_EIV\_1\_0.KID" and installing the distribution "MCCF FY14 HPID EIV 1.0", the installation of BOTH patches (Eligibility IB\*2.0\*528 and HPID IB\*2.0\*525) will be installed together AUTOMATICALLY.

\*\*\*Note:

When installing patch IB\*2.0\*525 answer "YES" at the following prompt:

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// YES

In general, the sites may have a background process that is jobbed off at non-peak hours to Rebuild the Menu Trees. It is recommended that the sites rebuild the Menu Trees (after the patch is installed and during non-peak hours).

\*\*\*Note:

There are several data reports that when printing/displaying/exporting the data it is recommended to use the 132 or 254 columns to display/print/export. The users will receive a warning message in such a case.

PMAS Increment 9 of IB\*2.0\*525 (HPID Build 3) contains the changes made to the BILL/CLAIMS File (#399) to track changes to the claim-level HPID Fields #471, #472, and #473.

PMAS Increment 10 of IB\*2.0\*525 (HPID Build 3) implements a menu option that runs an ad-hoc report listing Authorized claims that have had claim-level HPIDs added within a selected date range.

## Documentation Retrieval

Software being released as a host file and/or documentation describing the new functionality introduced by this patch are available.

The preferred method is to retrieve files from download.vista.med.va.gov. This transmits the files from the first available server. Sites may also elect to retrieve files directly from a specific server. Sites may retrieve the software and/or documentation directly using Secure Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI Field Offices:

Albany fo-albany.med.va.gov

Hines fo-hines.med.va.gov

Salt Lake City fo-slc.med.va.gov

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

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

File Description File Name FTP Mode

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

Integrated Billing User Manual IB\_2\_0\_UM.PDF (binary)

Integrated Billing Technical Manual/ IB\_2\_0\_TM.PDF (binary)

Security Guide

Integrated Billing Release Notes IB\_2\_0\_P525\_RN.PDF (binary)

# Patch Description and Installation Instructions

## Patch Description

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

Run Date: MAR 09, 2016 Designation: IB\*2\*525 TEST v21

Package : INTEGRATED BILLING Priority : MANDATORY

Version : 2 Status : UNDER DEVELOPMENT

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

Associated patches: (v)IB\*2\*516 <<= must be installed BEFORE `IB\*2\*525'

Subject: MCCF ENHANCEMENTS PROJECT - HPID

Category: ROUTINE

 DATA DICTIONARY

 ENHANCEMENT

Description:

===========

This patch implements changes to VistA's Integrated Billing (IB) module as

requested by the Veterans Health Administration (VHA) Chief Business

Office (CBO) eBusiness Solutions Department to comply with the

legislative changes mandated by the Health Insurance Portability and

Accountability Act of 1996 (HIPAA).

\*\*\*Note:

The host file "MCCF\_FY14\_HPID\_EIV\_1\_0.KID" contains two patches

(Eligibility IB\*2.0\*528 and HPID IB\*2.0\*525) that are bundled together

into this host file. The two patches are NOT DEPENDENT on each other.

After loading the distribution "MCCF\_FY14\_HPID\_EIV\_1\_0.KID" and

installing the distribution "MCCF FY14 HPID EIV 1.0", the installation

of BOTH patches (Eligibility IB\*2.0\*528 and HPID IB\*2.0\*525) will be

installed together AUTOMATICALLY.

\*\*\*Note:

When installing patch IB\*2.0\*525 answer "YES" at the following prompt:

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//YES

In general, the sites may have a background process that is jobbed off at

non-peak hours to Rebuild the Menu Trees. It is recommended that the

sites rebuild the Menu Trees (after the patch is installed and during

non-peak hours).

\*\*\*Note:

There is a data report such that when printing/displaying/exporting

the data it is recommended to use the 132 or 254 columns to

display/print/export. The users will receive a warning message in such a

case.

PMAS Increment 9 of IB\*2.0\*525 (HPID Build 3) contains the changes made to

the BILL/CLAIMS File (#399) to track changes to the claim-level HPID

Fields #471, #472, and #473.

PMAS Increment 10 of IB\*2.0\*525 (HPID Build 3) implements a menu option

that runs an ad-hoc report listing Authorized claims that have had

claim-level HPIDs added within a selected date range.

Patch Components

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

Files & Fields Associated:

File Name (#) Field Name (#) New/Modified/Deleted

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BILL/CLAIMS (#399) PRIMARY HPID EDIT DATE/TIME (#474) New

 PRIMARY HPID CHANGES MADE BY (#475) New

 SECONDARY HPID EDIT DATE/TIME (#476) New

 SECONDARY HPID CHANGES MADE BY (#477) New

 TERTIARY HPID EDIT DATE/TIME (#478) New

 TERTIARY HPID CHANGES MADE BY (#479) New

 PRIMARY INSURANCE HPID (#471) Modified

 SECONDARY INSURANCE HPID (#472) Modified

 TERTIARY INSURANCE HPID (#473) Modified

Forms Associated:

Form Name File # New/Modified/Deleted

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N/A

Mail Groups Associated:

Mail Group Name New/Modified/Deleted

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

N/A

Options Associated:

Option Name Type New/Modified/Deleted

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IBCN HPID CLAIM RPT run routine New

IB OUTPUT PATIENT REPORT MENU menu Modified

IBCN INSURANCE MGMT MENU menu Modified

Protocols Associated:

Protocol Name New/Modified/Deleted

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N/A

Security Keys Associated:

Security Key Name

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N/A

Templates Associated:

Template Name Type File Name (#) New/Modified/Deleted

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

N/A

Additional Information:

N/A

New Service Requests (NSRs):

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20130513 - Health Plan Identifier (HPID) Compliance (Phase 2, Iteration 2)

Patient Safety Issues (PSIs):

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N/A

Remedy Ticket(s) & Overviews:

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N/A

Test Sites:

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Central Alabama (HCS) - Station 619

Dayton VAMC - Station 552

Lebanon VA Medical Center - Station 595

Martinsburg VA Medical Center - Station 613

Documentation Retrieval Instructions:

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the new functionality introduced by this patch are available.

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also elect to retrieve files directly from a specific server.

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Secure Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory

at the following OI Field Offices:

Albany: fo-albany.med.va.gov

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Security Guide

Integrated Billing Release Notes IB\_2\_0\_P525\_RN.PDF (binary)

## Pre/Post Installation Overview

This patch may be installed with users on the system although it is

recommended that it be installed during non-peak hours to minimize

potential disruption to users. This patch should take less than 5 minutes

to install.

## Installation Instructions

1. OBTAIN PATCHES

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

 Obtain the host file MCCF\_FY14\_HPID\_EIV\_1\_0.KID, which contains the

 following patches:

 IB\*2.0\*528

 IB\*2.0\*525

 Sites can retrieve VistA software from the following server addresses.

 The preferred method is to retrieve the files from:

 download.vista.med.va.gov

 This will transmit the files from the first available server.

 Sites may also elect to retrieve the software directly using Secure

 Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the

 following OI Field Offices:

 Albany fo-albany.med.va.gov

 Hines fo-hines.med.va.gov

 Salt Lake City fo-slc.med.va.gov

 The MCCF\_FY14\_HPID\_EIV\_1\_0.KID host file is located in the

 anonymous.software directory. Use the American Standard Code for

 Information Interchange (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 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 MCCF\_FY14\_HPID\_EIV\_1\_0.KID (e.g.,

 SYS$SYSDEVICE:[ANONYMOUS]MCCF\_FY14\_HPID\_EIV\_1\_0.KID).

 When prompted for "OK to continue with Load? YES//", enter "YES."

 The following will display:

 Loading Distribution...

 IB\*2.0\*528

 IB\*2.0\*525

 Use INSTALL NAME: MCCF FY14 HPID EIV 1.0 to install this

 Distribution.

4. RUN OPTIONAL INSTALLATION OPTIONS FOR THE BUILD

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

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

 options (when prompted for the INSTALL NAME, enter MCCF FY14 HPID

 EIV 1.0):

 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 THE BUILD

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

 This is the step to start the installation of this KIDS patch. This

 will need to be run for the MCCF FY14 HPID EIV 1.0.

 a. Choose the Install Package(s) option to start the patch

 install.

 b. When prompted for the "Select INSTALL NAME:", enter MCCF FY14

 HPID EIV 1.0.

 c. When prompted "Want KIDS to Rebuild Menu Trees Upon Completion of

 Install? NO//", enter YES.

 d. When prompted "Want KIDS to INHIBIT LOGONs during the install?

 NO//", 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.

 g. If prompted 'Delay Install (Minutes): (0 - 60): 0//' respond 0.

Post-Installation Instructions

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N/A

Routine Information:

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

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

;;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 103

The checksums below are new checksums, and

 can be checked with CHECK1^XTSUMBLD.

Routine Name: IBCNHPR

 Before: n/a After: B7519738 \*\*525\*\*

Routine Name: IBCNHPR1

 Before: n/a After: B6873066 \*\*525\*\*

Routine Name: IBCNHPR2

 Before: n/a After: B6925867 \*\*525\*\*

# Backout and Rollback Procedures

## Overview of Backout and Rollback Procedures

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

## Backout Procedure

During the VistA installation procedure of the KIDS build, the installer can back up the modified routines using the ‘Backup a Transport Global’ action.  The installer can restore the routines using the MailMan message that was saved prior to the installation of the patch. The backout procedure for global, data dictionary and other VistA components is more complex and will require issuance of a follow-up 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 the restoration of the data.  This backout process 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:

* 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.

Note: When prompted for the INSTALL enter the patch #.

## Rollback Procedure

The rollback procedure for VistA patches is complicated and may require a follow-up 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 development team for assistance if needed.

# Enhancements

## Technical Modifications

### Tracking HPID Field Edits

Patch IB\*2.0\*525 (HPID Build 3) contains the changes made to the BILL/CLAIMS File (#399) to track changes to the claim-level HPID Fields #471, #472, and #473.

### Manually Added HPIDs to Billing Claim Report

Patch IB\*2.0\*525 (HPID Build 3) implements a menu option that runs an ad-hoc report listing Authorized claims that have had claim-level HPIDs added within a selected date range.

## Issue Resolutions

### New Service Requests (NSRs)

20130513 - Health Plan Identifier (HPID) Compliance (Phase 2, Iteration 2)

### Remedy Tickets

There are no Remedy Tickets associated with this patch.