Medical Care Collection Fund (MCCF) eInsurance Compliance Phase 3

RELEASE NOTES/Installation Guide/Rollback Plan

IB\*2.0\*549



Department of Veterans Affairs

August 2016

Version 4.0

Office of Information and Technology (OI&T)

Table of Contents

[1 Introduction 1](#_Toc459276632)

[1.1 Documentation and Distribution 1](#_Toc459276633)

[2 Patch Description and Installation Instructions 2](#_Toc459276634)

[2.1 Patch Description 2](#_Toc459276635)

[3 Backout and Rollback Procedures 24](#_Toc459276636)

[3.1 Overview of Backout and Rollback Procedures 24](#_Toc459276637)

[3.2 Backout Procedure 24](#_Toc459276638)

[3.3 Rollback Procedure 24](#_Toc459276639)

[4 Enhancements 25](#_Toc459276640)

[4.1 Technical Modifications 25](#_Toc459276641)

[4.1.1 Electronic Insurance Verification (eIV) 25](#_Toc459276642)

[4.1.2 Integrated Billing Screen Modifications 25](#_Toc459276643)

[4.1.3 Reports 26](#_Toc459276644)

[4.1.4 Patient Policy Comment Modifications 27](#_Toc459276645)

[4.1.5 IV Site Parameters 27](#_Toc459276646)

[4.1.6 National Insurance File Interface Modifications 28](#_Toc459276647)

[4.2 Issue Resolutions 28](#_Toc459276648)

[4.2.1 New Service Requests (NSRs) 28](#_Toc459276649)

[4.2.2 Defect Tracking System Tickets 28](#_Toc459276650)

# Introduction

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\*2.0\*549

 REGISTRATION (DG) V. 5.3 DG\*5.3\*916

The patches (IB\*2.0\*549 and DG\*5.3\*916) are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution as IB\_DG\_BUNDLE\_1\_0.KID.

The purpose of this patch is to meet the requirements of the Medical Care Collection Fund (MCCF) eInsurance Compliance Phase 3 project related to Integrated Billing (IB). eInsurance provides Insurance identification and verification which is vital to the success of the Department of Veterans Affairs (VA) revenue collection process. Accurate insurance information is needed to effectively submit claims and collect payments from third-party payers for medical care and services provided to

Veterans by the Veterans Health Administration (VHA).

## Documentation and Distribution

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

The preferred method is to SFTP the files from download.vista.med.va.gov. This transmits the files from the first available server. Sites may also elect to retrieve software directly from a specific server.

Sites may retrieve the documentation directly using Secure File Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI Field Offices:

 Albany REDACTED

 Hines REDACTED

 Salt Lake City REDACTED

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

Title File Name FTP Mode

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

Release Notes/Installation Guide ib\_2\_0\_p549\_rn.pdf Binary

Claims Tracking User Guide ib\_2\_0\_CT\_ug.pdf Binary

EDI User Guide edi\_user\_guide.pdf Binary

eIV Technical/Security Manual ib\_2\_0\_eiv\_tm.pdf Binary

eIV User Guide ib\_2\_0\_eiv\_ug.pdf Binary

IB Technical Manual ib\_2\_0\_tm.pdf Binary

IB User Manual ib\_2\_0\_um.pdf Binary

# Patch Description and Installation Instructions

## Patch Description

VistA Patch Display Page: 1

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

Run Date: AUG 18, 2016 Designation: IB\*2\*549

Package : INTEGRATED BILLING Priority : MANDATORY

Version : 2 Status : COMPLETE/NOT RELEASED

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

Associated patches: (v)IB\*2\*366 <<= must be installed BEFORE `IB\*2\*549'

 (v)IB\*2\*516 <<= must be installed BEFORE `IB\*2\*549'

 (v)IB\*2\*521 <<= must be installed BEFORE `IB\*2\*549'

 (v)IB\*2\*528 <<= must be installed BEFORE `IB\*2\*549'

 (v)IB\*2\*533 <<= must be installed BEFORE `IB\*2\*549'

 (v)DSIV\*2.2\*12 <<= must be installed BEFORE `IB\*2\*549'

Subject: EINSURANCE-COMPLIANCE PHASE 3 FY15

Category: ROUTINE

 DATA DICTIONARY

 ENHANCEMENT

 INPUT TEMPLATE

 OTHER

Description:

=========

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\*2.0\*549

 REGISTRATION (DG) V. 5.3 DG\*5.3\*916

The patches (IB\*2.0\*549 and DG\*5.3\*916) are being released in the

Kernel Installation and Distribution System (KIDS) multi-build

distribution as IB\_DG\_BUNDLE\_1\_0.KID.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* If the following Mail Group does not exist it will be created \*

\* as part of the install but with no members. Read the installation \*

\* log to determine if this Mail Group had to be created. If the \*

\* Mail Group was created as part of the install please email \*

\* "VHAeInsuranceRapidResponse@va.gov" to ask who should be added to \*

\* the group. It is strongly recommended that at least on member \*

\* be assigned to the Mail Group. \*

\* \*

\* Mail Group: IBCNE EIV MESSAGE \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The purpose of this patch is to meet the requirements of the Medical Care

Collection Fund (MCCF) eInsurance Compliance Phase 3 project related to

Integrated Billing (IB). eInsurance provides Insurance identification

and verification which is vital to the success of the Department of

Veterans Affairs (VA) revenue collection process. Accurate insurance

information is needed to effectively submit claims and collect payments

from third-party payers for medical care and services provided to

Veterans by the Veterans Health Administration (VHA).

The following features of the IB software will be affected by this

project:

1) Electronic Insurance Verification (eIV):

\* eIV data extracts and eIV Request Electronic Insurance Inquiry:

 o eIV Appointment extract will include Prescription only

 coverages.

 o eIV Appointment extract will include Prescription type of

 plans.

 o eIV Appointment extract will exclude specific types of

 coverages.

 o eIV Appointment extract will exclude specific types of

 plans.

 o eIV Request Electronic Insurance Inquiry will allow inquiries

 for deceased patients, but will not use Date of Death (DOD) as

 the service date.

\* eIV processing and transmission:

 o eIV Auto Update will only update active policies.

 o "IIV EC" Health Level Seven (HL7) logical link will use a

 domain name.

2) Modifications to several screens in Integrated Billing:

\* Date of Death:

 o When a patient is marked as deceased in Veterans Health

 Information Systems and Technology Architecture (VistA), their

 active policies will automatically be termed.

 o Patient Policy information screen will reflect the patient's

 date of death.

\* Security Key:

 o Existing "IB GROUP PLAN EDIT" security key is required to edit

 Coverage Limitations (action CV) within:

 - The Insurance Company Entry/Edit option on the Insurance

 Company screen.

 - The Patient Insurance Info View/Edit option on the Patient

 Insurance screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to edit

 Annual Benefits (action AB) within:

 - The Insurance Company Entry/Edit option on the Insurance

 Company screen.

 - The Patient Insurance Info View/Edit option on the Patient

 Insurance screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to edit

 Change Plan Info (action PI) within:

 - The Insurance Company Entry/Edit option on the Insurance

 Company screen.

 - The Patient Insurance Info View/Edit option on the Patient

 Insurance screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to edit

 UR Info (action UI) within:

 - The Insurance Company Entry/Edit option on the Insurance

 Company screen.

 - The Patient Insurance Info View/Edit option on the Patient

 Insurance screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to

 Inactivate a Plan (action IP) within:

 - The Insurance Company Entry/Edit option on the Insurance

 Company screen.

 - The Patient Insurance Info View/Edit option on the Patient

 Insurance screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to Edit

 Comments (action PC) within the Insurance Company Entry/Edit

 option on the Insurance Company screen.

 o Existing "IB GROUP PLAN EDIT" security key is required to Fast

 Edit All (action EA) plan specific information within the Patient

 Insurance Info View/Edit option on the Patient Insurance

 screen.

\* Process Insurance Buffer option and eIV Response data:

 o Insurance Buffer will no longer allow a user to directly

 access the eIV Response Report via RR action.

 o Insurance Buffer's expand benefit (action EB) will include additional eIV

 Response data.

 o Insurance Buffer's accept entry (action AE) process will allow acceptance

 of additional eIV Response data.

 o Insurance Buffer will display all Medicare entries to all

 users.

\* Patient Insurance screen (Patient Insurance Info View Entry/Edit

 option):

 o Patient Insurance screen will display additional eIV Response

 data.

 o "Policy Not Billable" prompt will be modified to “Stop Policy From Billing” to make it more

 clear to the user.

\* Insurance Company screen (Insurance Company Entry/Edit option):

 o The Expand Benefits action (EB) will display additional eIV

 Response data.

\* Enhance VistA Insurance Capture Buffer (ICB):

 o ICB will not create a new insurance company if the user lacks

 the proper security key.

 o ICB will not create a new group plan if the user lacks the

 proper security key or it already exists.

\* Enhance VistA Data Dictionary (DD):

 o Create new entry in the file TYPE OF INSURANCE COVERAGE

 (#355.2).

 o Create new entry in the file TYPE OF PLAN (#355.1).

3) Reports:

\* List Plans by Insurance Company report:

 o Added additional filters.

 o Modified the report layout.

\* Patients without Medicare Insurance report:

 o Modified user prompts.

 o Added a new filter based on appointment date.

 o Modified the report layout.

\* Active Policies with no Effective Date report:

 o Added additional filters.

 o Modified the report layout.

\* eIV Auto Update Report (currently known as the eIV Patient

 Insurance Update Report):

 o Renamed eIV Patient Insurance Update report to eIV Auto Update

 Report.

 o Updated the user prompts.

 o Modified the report to display only those patient insurance

 entries that were updated by eIV Auto Update.

 o Modified the report layout.

\* Creation of new Insurance Plans Missing Data report:

 o Create new report that allows a user to search for missing data

 within active insurance companies.

 o Users may search the following fields in the GROUP INSURANCE

 PLAN file (#355.3) looking for missing data:

 - GROUP NUMBER (#2.02).

 - TYPE OF PLAN (#.09).

 - PLAN STANDARD FTF (#.16).

 - PLAN STANDARD FTF VALUE (#.17).

 - ELECTRONIC PLAN TYPE (#.15).

 - BANKING IDENTIFICATION NUMBER (#6.02).

 - PROCESSOR CONTROL NUMBER (PCN) (#6.03).

 o Users may search for missing plan coverage limitations that are

 found in the PLAN COVERAGE LIMITATIONS file (#355.32).

\* Modifications to the worklist, Move Subscribers to a Different

 Plan:

 o Added functionality so that a user may move individual patients

 instead of an entire group if they desire.

 o Added additional user prompts.

4) Modifications to the Patient Policy Comments:

\* Insurance Comments (Patient Insurance Info View Entry/Edit option):

 o Provided ability to capture additional data for patient policy

 comments.

 o Removed the "Insur. Contact Inf. (IC)" action from the Patient

 Policy Information screen.

 o Removed the Insurance Comment (last) section from the Patient

 Policy Information screen.

 o Added new "Group Plan Comment (GC)" action to the Patient

 Policy Information screen.

 o Added ability for users to view the historical list of patient

 policy comments.

 o Provided search functionality for historical patient policy

 comments.

\* Insurance Comments (Claims Tracking screens/options):

 o Added new "Pt Policy Comments (PT)" action to claims tracking

 screens.

 o Added ability for users to view the historical list of

 patient policy comments.

\* Insurance Comments (Third Party Joint Inquiry (TPJI) option):

 o Added new "Pt Policy Comments (PT)" action to TPJI when PATIENT NAME is selected. Selecting by BILL NUMBER in TPJI has not been modified.

 o Added ability for users to view the historical list of patient

 policy comments.

5) Modifications to the IV Site Parameters:

\* IV Site Parameters:

 o Redesigned user screen.

 o Allows edit functionality of the following data elements:

 - Medicare Payer.

 - HMS Directory.

 - EII Active

 o Displays in view only mode:

 - Retry Flag.

 - Timeout Days.

 - Timeout Mailman Msg.

 - Number Retries.

 - Default Service Type Code.

 - HL7 Maximum Number.

 o Removed functionality of the following data elements:

 - Contact Person.

 - Contact's phone number.

 - Contact's email address.

 o Added the following new data elements:

 - Master Switch Realtime.

 - Master Switch Nightly.

 o Removed edit abilities for the data elements:

 - Failure Mailman Msg.

 - Messages Mailgroup.

6) Modification to the existing National Insurance File (NIF) Interface:

\* Sending HL7 messages to the NIF:

 o VistA now checks the IB NIF TCP entry in the HL7 logical link

 and verifies that it is up and running. An email is generated

 and sent to VHAeInsuranceRapidResponse@va.gov when the IB NIF

 TCP entry needs to be restarted/bounced..

Patch Components

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

Files & Fields Associated:

File Name (#) New/Modified/

 Sub-file Name (#) Field Name (Number) Deleted

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

PATIENT (#2) Modified

 INSURANCE TYPE sub-file (#2.312) Modified

 STOP POLICY FROM BILLING (#3.04) Modified

 EB DISPLAY ENTRY (#8.03) New

 COMMENT - SUBSCRIBER POLICY sub-file (#2.342) Modified

 PERSON CONTACTED (#.04) New

 CONTACT PHONE # (#.05) New

 CALL REFERENCE NUMBER (#.06) New

 METHOD OF CONTACT (#.07) New

 AUTHORIZATION NUMBER (#.08) New

IB SITE PARAMETERS (#350.9) Modified

 CONTACT PERSON (#51.16) Modified

 270 MASTER SWITCH REALTIME (#51.27) New

 270 MASTER SWITCH NIGHTLY (#51.28) New

 DAILY NIF STATUS CHECK TIME New

 (#51.29)

IIV RESPONSE (#365) Modified

 DO NOT PURGE (#.11) New

Bulletins Associated:

 New/Modified/

Bulletin Name Deleted

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

N/A

Dialogs Associated:

 New/Modified/

Dialog Name Deleted

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

N/A

Forms Associated:

 New/Modified/

Form Name File Name (Number) Deleted

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

N/A

Functions Associated:

 New/Modified/

Function Name Deleted

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

N/A

HL Logical Link:

 New/Modified/

HL Logical Name Deleted

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

N/A

HL7 Application Parameters:

 New/Modified/

HL7 Parameter Name Deleted

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

N/A

HLO Application Registry:

 New/Modified/

HLO Registry Name Deleted

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

N/A

Help Frames Associated:

 New/Modified/

Help Frame Name Deleted

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

N/A

Mail Groups Associated:

 New/Modified/

Mail Group Name Deleted

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

N/A

Options Associated:

 New/Modified/

Option Name Type Deleted

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

IBCN INS PLANS MISSING DATA run routine New

IBCN INS RPTS menu Modified

IBCN INSURANCE MGMT MENU menu Modified

IBCNE EIV UPDATE REPORT run routine Modified

Parameter Definitions:

 New/Modified/

Parameter Name Deleted

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

N/A

Parameter Template:

 New/Modified/

Template Name Deleted

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

N/A

Protocols Associated:

 New/Modified/

Protocol Name Deleted

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

IBCN INS CO ACTIVE MENU New

IBCN INS CO ACTIVE UNSELECT New

IBCN INS CO MENU New

IBCN INS CO NEW SEARCH New

IBCN INS CO SELECT New

IBCN INS CO SHOW SEL New

IBCN INS CO UNSELECT New

IBCN SUBSCRIBER ACTIVE MENU New

IBCN SUBSCRIBER ACTIVE UNSELECT New

IBCN SUBSCRIBER MENU New

IBCN SUBSCRIBER SELECT New

IBCN SUBSCRIBER SHOW SEL New

IBCN SUBSCRIBER SORT LIST New

IBCN SUBSCRIBER UNSELECT New

IBCNB ELIG PAYER SUMMARY New

IBCNB ENTRY EDIT ALL Attach to menu

IBCNB ENTRY EDIT GROUP Attach to menu

IBCNB ENTRY EDIT INSURANCE Attach to menu

IBCNB ENTRY EDIT POLICY Attach to menu

IBCNB ENTRY ESCALATE Attach to menu

IBCNB ENTRY SCREEN MENU Modified

IBCNB EXPAND BENEFITS Attach to menu

IBCNB FAST EXIT Attach to menu

IBCNCH ADD COMMENT New

IBCNCH COMMENT HISTORY EXPAND New

IBCNCH COMMENT HISTORY EXPAND VIEW New

IBCNCH COMMENT HISTORY MENU New

IBCNCH COMMENT HISTORY SEARCH New

IBCNCH COMMENT HISTORY VIEW New

IBCNCH DELETE COMMENT New

IBCNCH DELETE COMMENT EXPAND New

IBCNCH EDIT COMMENT New

IBCNCH EDIT COMMENT EXPAND New

IBCNCH EXPAND COMMENT New

IBCNCH EXPAND COMMENT VIEW New

IBCNCH PREVIOUS COMMENT New

IBCNCH SEARCH LIST New

IBCNCH SEARCH LIST EXPAND New

IBCNCH SEARCH NEXT New

IBCNE ELIG BEN INFO MENU Modified

IBCNE ELIG PAY SUM MENU New

IBCNE FAST EXIT Attach to menu

IBCNE VP VIEW EXP ELIG BEN SCREEN Attach to menu

IBCNS EXIT Attach to menu

IBCNSJ CHANGE PLAN Attach to menu

IBCNSJ EDIT COVERAGE LIMITS Attach to menu

IBCNSJ INACTIVATE PLAN Attach to menu

IBCNSP ADD GROUP COMMENT New

IBCNSP ANNUAL BENEFITS Attach to menu

IBCNSP BENEFITS USED Attach to menu

IBCNSP EDIT ALL Attach to menu

IBCNSP EDIT EFFECTIVE DATES Attach to menu

IBCNSP EDIT POLICY INFO Attach to menu

IBCNSP EMPLOYER INFO FOR CLAIMS Attach to menu

IBCNSP PATIENT POLICY COMMENTS ADD/EDIT New

IBCNSP PATIENT POLICY COMMENTS VIEW New

IBCNSP POLICY MENU Modified

IBCNSP SUBSCRIBER UPDATE Attach to menu

IBCNSP UR INFO Attach to menu

IBCNSP VERIFY COVERAGE Attach to menu

IBCNSV POLICY MENU Modified

IBJ EXIT Attach to menu

IBJP IIV GENERAL EDIT Attach to menu

IBJP INS VER MENU Modified

IBJT ACTIVE LIST SCREEN SKIP Attach to menu

IBJT PATIENT POLICY COMMENTS VIEW New

IBJT SHORT MENU 2 New

VALM BLANK 1 Attach to menu

VALM BLANK 2 Attach to menu

Remote Procedures Associated:

 New/Modified/

Remote Procedure Name Deleted

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

N/A

Security Keys Associated:

 New/Modified/

Security Key Name Deleted

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

N/A

Templates, Input Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

IBCNE GENERAL Input IB SITE PARAMETERS (#350.9) Modified

PARAMETER EDIT

Templates, List Associated:

 New/Modified/

Template Name Type Deleted

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

IBCN INS CO List New

SELECTED

IBCN INS CO List New

SELECTOR

IBCN SUBSCRIBER List New

SELECTED

IBCN SUBSCRIBER List New

SELECTOR

IBCNB INSURANCE List New

BUFFER PAYER

IBCNCH POL List New

COMMENT EXPAND

VIEW

IBCNCH POLICY List New

COMMENT EXPAND

IBCNCH POLICY List New

COMMENT HISTORY

IBCNCH POLICY List New

COMMENT SEARCH

IBCNCH POLICY List New

COMMENT VIEW

IBJP IIV SITE List Modified

PARAMETERS

Templates, Print Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

N/A

Templates, Sort Associated:

 New/Modified/

Template Name Type File Name (Number) Deleted

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

N/A

Additional Information:

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

N/A

New Service Requests (NSRs)

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

NSR 20140413 - Medical Care Collection Fund (MCCF) eInsurance Compliance

Phase 3

Patient Safety Issues (PSIs)

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

N/A

Defect Tracking System Ticket(s) & Overview

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

N/A

Test Sites:

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

Bay Pines, FL

Central Plains HCS

Chillicothe, OH

Louisville, KY

Documentation Retrieval Instructions

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

Updated documentation describing the new functionality introduced by this

patch is available.

The preferred method is to SFTP the files from download.vista.med.va.gov.

This transmits the files from the first available server. Sites may also

elect to retrieve software directly from a specific server.

Sites may retrieve the documentation directly using Secure File Transfer

Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI

Field Offices:

 Albany REDACTED

 Hines REDACTED

 Salt Lake City REDACTED

Documentation can also be found on the VA Software Documentation Library

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

Title File Name FTP Mode

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

Release Notes/Installation Guide ib\_2\_0\_p549\_rn.pdf Binary

Claims Tracking User Guide ib\_2\_0\_CT\_ug.pdf Binary

EDI User Guide edi\_user\_guide.pdf Binary

eIV Technical Manual/Security Manual ib\_2\_0\_eiv\_tm.pdf Binary

eIV User Guide ib\_2\_0\_eiv\_ug.pdf Binary

IB Technical Manual ib\_2\_0\_tm.pdf Binary

IB User Manual ib\_2\_0\_um.pdf Binary

Patch Installation:

Pre/Post Installation Overview

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

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 and there are no

Integrated Billing users on the system.

Do not delete the post install routine "IBY549PO" after the install has

been completed, as a task has been queued to run in the background and it

needs this routine to complete.

Pre-Installation Instructions

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

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 \* You should install this patch during non-peak hours, when no \*

 \* Integrated Billing users are on the system. \*

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

\*strongly\* recommended that it be installed during non-peak hours to

minimize potential disruption to users. This patch should take less

than 10 minutes to install.

The following Menu Options at the site should be disabled during

install:

 PROCESS INSURANCE BUFFER [IBCN INSURANCE BUFFER PROCESS]

 MCCR SITE PARAMETER DISPLAY/EDIT [IBJ MCCR SITE PARAMETERS]

 INSURANCE COMPANY ENTRY/EDIT [IBCN INSURANCE CO EDIT]

 PATIENT INSURANCE INFO VIEW/EDIT [IBCN PATIENT INSURANCE]

 EIV RESPONSE REPORT [IBCNE IIV RESPONSE REPORT]

 CLAIMS TRACKING MENU FOR BILLING [IBT USER MENU (BI)]

 CLAINS TRACKING MENU [IBT USER MENU (HR)]

 (HOSPITAL REVIEWS)

 CLAIMS TRACKING MENU FOR [IBT USER MENU (IR)]

 (INSURANCE REVIEWS)

 CLAIMS TRACKING MENU FOR [IBT USER COMBINED MCCR/UR MENU]

 (COMBINED FUNCTIONS)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* IMPORTANT: The IIV EC HL7 Logical Link will need to be shut down before \*

\* installing IB\*2.0\*549 and restarted after the installation is \*

\* complete. \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 To shut down the IIV EC HL7 Logical Link perform the following

 steps.

 1. At the option prompt, select the option: HL7 MAIN MENU

 2. Then select the option: FILER and Link Management Options

 3. Then select the option: START/Stop Links

 4. When prompted for "HL LOGICAL LINK NODE", enter "IIV EC"

 5. When prompted for "Okay to shut down this job?", enter

 "YES"

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* IMPORTANT: The VistA option eIV Nightly Process [IBCNE IIV BATCH PROCESS] \*

\* should be unscheduled in TaskMan before installing IB\*2.0\*549. \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 It will be necessary to unschedule the eIV Nightly Process

 [IBCNE IIV BATCH PROCESS] option before installing the patch.

 An example of how to unscheduled this option in TaskMan is

 shown below:

 eIV Nightly Process [IBCNE IIV BATCH PROCESS] option

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

 1. At the option prompt select the option: Taskman Management

 2. When prompted for "Select Taskman Management Option", enter

 "Schedule/Unschedule Options"

 3. When prompted for "Select OPTION to schedule or reschedule",

 enter "IBCNE IIV BATCH PROCESS"

 4. When prompted for " ...OK? Yes//", enter "YES"

 Example below:

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

 Edit Option Schedule

 Option Name: IBCNE IIV BATCH PROCESS

 Menu Text: eIV NIGHTLY PROCESS TASK ID: 279418

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 QUEUED TO RUN AT WHAT TIME: SEP 4,2013@07:00 @ ?

 >> Note what time this is scheduled to run as

 >> you will need to reenter that time later

 >> when you are rescheduling it again

 >> (see post install).

 >> Enter the '@' sign as shown above.

 >> This will automatically delete the date/time

DEVICE FOR QUEUED JOB OUTPUT:

 QUEUED TO RUN ON VOLUME SET:

 RESCHEDULING FREQUENCY: 1D

 TASK PARAMETERS:

 SPECIAL QUEUEING:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exit Save Next Page Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

 Edit Option Schedule

 Option Name: IBCNE IIV BATCH PROCESS

 Menu Text: eIV NIGHTLY PROCESS TASK ID:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 QUEUED TO RUN AT WHAT TIME:

DEVICE FOR QUEUED JOB OUTPUT:

 QUEUED TO RUN ON VOLUME SET:

 RESCHEDULING FREQUENCY: 1D

 TASK PARAMETERS:

 SPECIAL QUEUEING:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exit Save Next Page Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

COMMAND: S ? Save the work

 >> Enter 'S' to Save, as shown above.

 Edit Option Schedule

 Option Name: IBCNE IIV BATCH PROCESS

 Menu Text: eIV NIGHTLY PROCESS TASK ID:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 QUEUED TO RUN AT WHAT TIME:

DEVICE FOR QUEUED JOB OUTPUT:

 QUEUED TO RUN ON VOLUME SET:

 RESCHEDULING FREQUENCY: 1D

 TASK PARAMETERS:

 SPECIAL QUEUEING:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exit Save Next Page Refresh

Enter a command or '^' followed by a caption to jump to a specific field.

COMMAND: E ? Exit, You're done

 >> Enter 'E' to Exit, as shown above.

Installation Instructions

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

\*\*\*\* Do not install this patch without shutting down the IIV EC HL7

Logical link. Please refer to the Pre-Installation instructions for

directions on how to shut down the IIV EC HL7 Logical Link. \*\*\*\*

\*\*\*\* Do not install this patch when the eIV NIGHTLY PROCESS [IBCNE IIV

BATCH PROCESS] background job is running or scheduled to run. Please refer

to the Pre-installation instructions for the un-scheduling of this

option. \*\*\*\*

1. OBTAIN PATCHES

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

 Obtain the host file IB\_DG\_BUNDLE\_1\_0.KID which contains the

 following patches:

 IB\*2.0\*549

 DG\*5.3\*916

 Sites can retrieve VistA software from download.vista.med.va.gov. This

 transmits the file from the first available server. Sites may also

 elect to retrieve this file directly from a specific server.

 Sites may retrieve software directly using Secure File 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 IB\_DG\_BUNDLE\_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 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 IB\_DG\_BUNDLE\_1\_0.KID (e.g.,

 SYS$SYSDEVICE:[ANONYMOUS]IB\_DG\_BUNDLE\_1\_0.KID).

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

 The following will display:

 Loading Distribution...

 IB DG BUNDLE 1.0

 IB\*2.0\*549

 DG\*5.3\*916

 Use INSTALL NAME: IB DG BUNDLE 1.0 to install this distribution.

4. RUN INSTALLATION OPTIONS FOR MULTI-BUILD

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

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

 options (when prompted for the INSTALL NAME, enter

 IB DG BUNDLE 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 MULTI-BUILD

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

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

 will need to be run for the IB DG BUNDLE 1.0.

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

 b. When prompted 'Select INSTALL NAME:', enter IB DG BUNDLE 1.0.

6. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of

 Install? NO//', enter NO.

7. When prompted 'Want KIDS to INHIBIT LOGONs during the install?

 NO//', enter NO.

8. When prompted 'Want to DISABLE Scheduled Options, Menu Options,

 and Protocols? YES//', enter YES.

 When prompted 'Enter options you wish to mark as 'Out Of Order':

 Enter the following options one at a time:

 PROCESS INSURANCE BUFFER [IBCN INSURANCE BUFFER PROCESS]

 MCCR SITE PARAMETER DISPLAY/EDIT [IBJ MCCR SITE PARAMETERS]

 INSURANCE COMPANY ENTRY/EDIT [IBCN INSURANCE CO EDIT]

 PATIENT INSURANCE INFO VIEW/EDIT [IBCN PATIENT INSURANCE]

 EIV RESPONSE REPORT [IBCNE IIV RESPONSE REPORT]

 CLAIMS TRACKING MENU FOR BILLING [IBT USER MENU (BI)]

 CLAINS TRACKING MENU [IBT USER MENU (HR)]

 (HOSPITAL REVIEWS)

 CLAIMS TRACKING MENU FOR [IBT USER MENU (IR)]

 (INSURANCE REVIEWS)

 CLAIMS TRACKING MENU FOR [IBT USER COMBINED MCCR/UR MENU]

 (COMBINED FUNCTIONS)

 When prompted 'Enter protocols you wish to mark as 'Out Of Order':

 Press the Return or Enter key as there are no protocols that

 needs to be marked as 'Out of Order'.

9. If prompted "Delay Install (minutes): (0 - 60): 0// respond 0.

10. 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.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* IMPORTANT \*

\* Once the patch has COMPLETED INSTALLATION, the IIV EC HL7 \*

\* Logical Link that was stopped during pre-installation must be \*

\* restarted. Please follow the steps in the pre-installation \*

\* for stopping the IIV EC HL7 Logical Link to restart it. NOTE: \*

\* step 4 is not prompted when restarting an HL7 Logical Link. \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* IMPORTANT \*

\* Once the patch has COMPLETED INSTALLATION, reschedule the eIV \*

\* NIGHTLY PROCESS [IBCNE IIV BATCH PROCESS] option that was \*

\* unscheduled during pre-installation. \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Routine Information:

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

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

;;2.0;INTEGRATED BILLING;\*\*[Patch List]\*\*;21-MAR-94;Build 54

The checksums below are new checksums, and

 can be checked with CHECK1^XTSUMBLD.

Routine Name: IBAMTC

 Before: B26484499 After: B27117465 \*\*34,52,70,93,100,118,115,132,

 150,153,137,176,215,275,321,

 312,457,519,549\*\*

Routine Name: IBCEMMR

 Before: B56465782 After: B216048164 \*\*155,366,528,549\*\*

Routine Name: IBCMDT

 Before: n/a After: B47701451 \*\*549\*\*

Routine Name: IBCMDT1

 Before: n/a After: B32717848 \*\*549\*\*

Routine Name: IBCMDT2

 Before: n/a After: B30988652 \*\*549\*\*

Routine Name: IBCMDT3

 Before: n/a After: B9544257 \*\*549\*\*

Routine Name: IBCNBCD

 Before: B99061672 After:B122951188 \*\*82,251,361,371,416,438,452,

 497,528,549\*\*

Routine Name: IBCNBLL

 Before: B144703884 After:B147621313 \*\*82,149,153,183,184,271,345,

 416,438,435,506,519,528,549\*\*

Routine Name: IBCNCH

 Before: n/a After: B89930576 \*\*549\*\*

Routine Name: IBCNCH2

 Before: n/a After: B47844912 \*\*549\*\*

Routine Name: IBCNCH3

 Before: n/a After: B90566636 \*\*549\*\*

Routine Name: IBCNEDE

 Before: B34057908 After: B35084322 \*\*184,271,300,416,438 ,497, 549\*\*

Routine Name: IBCNEDE1

 Before: B48152754 After: B49194842 \*\*184,271,416,438,435,467,497,

 528,549\*\*

Routine Name: IBCNEDE2

 Before: B63879348 After: B81972539 \*\*184,271,249,345,416,438,506,549\*\*

Routine Name: IBCNEDE5

 Before: B28666402 After: B29541392 \*\*184,271,416,497,549\*\*

Routine Name: IBCNEDEP

 Before: B88960339 After: B91001263 \*\*184,271,300,416,438,506,533,549\*\*

Routine Name: IBCNEDST

 Before: B47395616 After: B57795358 \*\*497,506,549\*\*

Routine Name: IBCNEHL1

 Before:B215626728 After: B181786202 \*\*300,345,416,444,438,497,506,549\*\*

Routine Name: IBCNEHL5

 Before: B11250093 After: B40778838 \*\*497,549\*\*

Routine Name: IBCNEHLM

 Before: B28096778 After: B23803518 \*\*184,251,300,416,438,497,506,549\*\*

Routine Name: IBCNEHLT

 Before: B80145618 After: B100567838 \*\*184,251,271,300,416,438,506,549\*\*

Routine Name: IBCNEHLU

 Before: B88168048 After:B104037838 \*\*184,300,416,438,497,549\*\*

Routine Name: IBCNEKIT

 Before: B54158297 After: B55673167 \*\*184,271,316,416,549\*\*

Routine Name: IBCNERP1

 Before: B87784206 After: B87896793 \*\*184,271,416,528,549\*\*

Routine Name: IBCNERPF

 Before: B17142142 After: B35587922 \*\*416,528,549\*\*

Routine Name: IBCNERPG

 Before: B15763271 After: B51210670 \*\*416,528,549\*\*

Routine Name: IBCNERPH

 Before: B26306975 After: B48112420 \*\*416,528,549\*\*

Routine Name: IBCNERTQ

 Before: B44184624 After: B44950178 \*\*438,467,497,549\*\*

Routine Name: IBCNES1

 Before:B145502085 After:B145689947 \*\*416,438,497,549\*\*

Routine Name: IBCNES3

 Before: B25873283 After: B27490264 \*\*497,549\*\*

Routine Name: IBCNES4

 Before: n/a After: B22279537 \*\*549\*\*

Routine Name: IBCNEUT7

 Before: B3520436 After: B72027534 \*\*184,549\*\*

Routine Name: IBCNHUT2

 Before: B47011114 After: B92403346 \*\*519,549\*\*

Routine Name: IBCNICB

 Before: B139240420 After: B144732955 \*\*413,416,528,549\*\*

Routine Name: IBCNICB2

 Before: n/a After: B5848128 \*\*549\*\*

Routine Name: IBCNILK

 Before: n/a After: B142073526 \*\*549\*\*

Routine Name: IBCNSJ1

 Before: B20445823 After: B22191790 \*\*28,549\*\*

Routine Name: IBCNSJ5

 Before: B19961411 After: B31714664 \*\*43,516,549\*\*

Routine Name: IBCNSM1

 Before: B21887577 After: B24284030 \*\*28,56,549\*\*

Routine Name: IBCNSM31

 Before: B21467883 After: B23516960 \*\*6,28,68,413,497,516,549\*\*

Routine Name: IBCNSP

 Before: B79133086 After: B77034837 \*\*6,28,43,52,85,251,363,371,

 416,497,516,528,549\*\*

Routine Name: IBCNSP1

 Before: B60114361 After: B78908703 \*\*6,28,40,43,52,85,103,361,371,

 377,497,549\*\*

Routine Name: IBCNSP11

 Before: B11721673 After: B15254637 \*\*28,43,85,103,137,251,399,516,549\*\*

Routine Name: IBCNSP3

 Before: B85952229 After: B38303205 \*\*28,52,85,251,371,497,528,549\*\*

Routine Name: IBCNSU2

 Before: B19732446 After: B25020492 \*\*28,62,497,549\*\*

Routine Name: IBCNSUR

 Before: B24287477 After: B24782605 \*\*103,276,506,516,549\*\*

Routine Name: IBCNSUR1

 Before: B57694333 After: B169714351 \*\*103,225,276,516,549\*\*

Routine Name: IBCNSUR3

 Before: B6612795 After: B6784776 \*\*276,549\*\*

Routine Name: IBCNSUR4

 Before: n/a After: B155856313 \*\*549\*\*

Routine Name: IBCOMA

 Before: B24000522 After: B58613523 \*\*103,528,549\*\*

Routine Name: IBCOMA1

 Before: B45473488 After: B81021832 \*\*103,516,528,549\*\*

Routine Name: IBCOPP

 Before: B15985691 After: B31702280 \*\*28,62,528,549\*\*

Routine Name: IBCOPP1

 Before: B10507720 After: B23382519 \*\*28,528,549\*\*

Routine Name: IBCOPP2

 Before: B22994194 After: B66671846 \*\*28,62,93,516,528,549\*\*

Routine Name: IBCOPP3

 Before: B15474438 After: B54551933 \*\*28,516,528,549\*\*

Routine Name: IBJPI

 Before: B21646408 After: B42432107 \*\*184,271,316,416,438,479,506,

 528,549\*\*

Routine Name: IBJTNB

 Before: B12471886 After: B12738894 \*\*39,549\*\*

Routine Name: IBY549PO

 Before: n/a After: B123219661 \*\*549\*\*

Routine list of preceding patches: 39, 56, 528, 533

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

User Information:

 Entered By : REDACTED Date Entered : MAR 25,2015

 Completed By: Date Completed:

 Released By : Date Released :

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

# 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 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

The following features of the IB software will be affected by this project.

### Electronic Insurance Verification (eIV)

The following modifications have been made to eIV:

* eIV data extracts and eIV Request Electronic Insurance Inquiry.
	+ eIV Appointment extract will include Prescription only coverages.
	+ eIV Appointment extract will include Prescription type of plans.
	+ eIV Appointment extract will exclude specific types of coverages.
	+ eIV Appointment extract will exclude specific types of plans.
	+ eIV Request Electronic Insurance Inquiry will allow inquiries for deceased patients, but will not use Date of Death (DOD) as the service date.
* eIV processing and transmission:
	+ eIV Auto Update will only update active policies.
	+ "IIV EC" Health Level Sever (HL7) logical link will use a domain name.

### Integrated Billing Screen Modifications

This project made modifications to several screens in Integrated Billing:

* Date of Death:
	+ When a patient is marked as deceased in Veterans Health Information Systems and Technology Architecture (VistA), their active policies will automatically be termed.
	+ Patient Policy information screen will reflect the patient's date of death.
* Security Key:
	+ Existing "IB GROUP PLAN EDIT" security key is required to edit Coverage Limitations (action CV) within:
		- The Insurance Company Entry/Edit option on the Insurance Company screen.
		- The Patient Insurance Info View/Edit option on the Patient Insurance screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to edit Annual Benefits (action AB) within:
		- The Insurance Company Entry/Edit option on the Insurance Company screen.
		- The Patient Insurance Info View/Edit option on the Patient Insurance screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to edit Change Plan Info (action PI) within:
		- The Insurance Company Entry/Edit option on the Insurance Company screen.
		- The Patient Insurance Info View/Edit option on the Patient Insurance screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to edit UR Info (action UI) within:
		- The Insurance Company Entry/Edit option on the Insurance Company screen.
		- The Patient Insurance Info View/Edit option on the Patient Insurance screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to Inactivate a Plan (action IP) within:
		- The Insurance Company Entry/Edit option on the Insurance Company screen.
		- The Patient Insurance Info View/Edit option on the Patient Insurance screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to Edit Comments (action PC) within the Insurance Company Entry/Edit option on the Insurance Company screen.
	+ Existing "IB GROUP PLAN EDIT" security key is required to Fast Edit All (action EA) plan specific information within the Patient Insurance Info View/Edit option on the Patient Insurance screen.
* Process Insurance Buffer option and eIV Response data:
	+ Insurance Buffer will no longer allow a user to directly access the eIV Response Report via RR action.
	+ Insurance Buffer's expand benefit (action EB) will include additional eIV Response data.
	+ Insurance Buffer's accept entry (action AE) process will allow acceptance of additional eIV Response data.
	+ Insurance Buffer will display all Medicare entries to all users.
* Patient Insurance screen (Patient Insurance Info View Entry/Edit option):
	+ Patient Insurance screen will display additional eIV Response data.
	+ "Policy Not Billable" prompt will be modified to “Stop Policy From Billing” to make it more clear to the user.
* Insurance Company screen (Insurance Company Entry/Edit option):
	+ The Expand Benefits action (EB) will display additional eIV Response data.
* Enhance VistA Insurance Capture Buffer (ICB):
	+ ICB will not create a new insurance company if the user lacks the proper security key.
	+ ICB will not create a new group plan if the user lacks the proper security key or it already exists.
* Enhance VistA Data Dictionary (DD):
	+ Create new entry in the file TYPE OF INSURANCE COVERAGE (#355.2).
	+ Create new entry in the file TYPE OF PLAN (#355.1).

### Reports

This project created or modified the following reports:

* List Plans by Insurance Company report:
	+ Added additional filters.
	+ Modified the report layout.
* Patients without Medicare Insurance report:
	+ Modified user prompts.
	+ Added a new filter based on appointment date.
	+ Modified the report layout.
* Active Policies with no Effective Date report:
	+ Added additional filters.
	+ Modified the report layout.
* eIV Auto Update Report (currently known as the eIV Patient Insurance Update Report):
	+ Renamed eIV Patient Insurance Update report to eIV Auto Update Report.
	+ Updated the user prompts.
	+ Modified the report to display only those patient insurance entries that were updated by eIV Auto Update.
	+ Modified the report layout.
* Creation of new Insurance Plans Missing Data report:
	+ Create new report that allows a user to search for missing data within active insurance companies.
	+ Users may search the following fields in the GROUP INSURANCE PLAN file (#355.3) looking for missing data:
		- GROUP NUMBER (#2.02).
		- TYPE OF PLAN (#.09).
		- PLAN STANDARD FTF (#.16).
		- PLAN STANDARD FTF Value (#.17).
		- ELECTRONIC PLAN TYPE (#.15).
		- BANKING IDENTIFICATION NUMBER (#6.02).
		- PROCESSOR CONTROL NUMBER (PCN) (#6.03).
	+ Users may search for missing plan coverage limitations that are found in the PLAN COVERAGE LIMITATIONS file (#355.32).
* Modifications to the worklist, Move Subscribers to a Different Plan:
	+ Added functionality so that a user may move individual patients instead of an entire group if they desire.
	+ Added additional user prompts.

### Patient Policy Comment Modifications

The following modifications have been made to Patient Policy Comments:

* Insurance Comments (Patient Insurance Info View Entry/Edit option):
	+ Provided ability to capture additional data for patient policy comments.
	+ Removed the "Insur. Contact Inf. (IC)" action from the Patient Policy Information screen.
	+ Removed the Insurance Comment (last) section from the Patient Policy Information screen.
	+ Added new "Group Plan Comment (GC)" action to the Patient Policy Information screen.
	+ Added ability for users to view the historical list of patient policy comments.
	+ Provided search functionality for historical patient policy comments.
* Insurance Comments (Claims Tracking screens/options):
	+ Added new "Pt Policy Comments (PT)" action to claims tracking screens.
	+ Added ability for users to view the historical list of patient policy comments.
* Insurance Comments (Third Party Joint Inquiry (TPJI) option):
	+ Added new "Pt Policy Comments (PT)" action to TPJI when PATIENT NAME is selected. Selecting by BILL NUMBER in TPJI has not been modified.
	+ Added ability for users to view the historical list of patient policy comments.

### IV Site Parameters

The following modifications have been made to IV Site Parameters:

* IV Site Parameters:
	+ Redesigned user screen.
	+ Allows edit functionality of the following data elements:
		- Medicare Payer.
		- HMS Directory.
		- EII Active
	+ Displays in view only mode:
		- Retry Flag.
		- Timeout Days.
		- Timeout Mailman Msg.
		- Number Retries.
		- Default Service Type Code.
		- HL7 Maximum Number.
	+ Removed functionality of the following data elements:
		- Contact Person.
		- Contact's phone number.
		- Contact's email address.
	+ Added the following new data elements:
		- Master Switch Realtime.
		- Master Switch Nightly.
	+ Removed edit abilities for the data elements:
		- Failure Mailman Msg.
		- Messages Mailgroup.

### National Insurance File Interface Modifications

The following modifications have been made to the National Insurance File Interface:

* Sending HL7 messages to the NIF:
	+ VistA now checks the IB NIF TCP entry in the HL7 logical link and verifies that it is up and running. An email is generated and sent to VHAeInsuranceRapidResponse@va.gov when the IB NIF TCP entry needs to be restarted/bounced.

## Issue Resolutions

### New Service Requests (NSRs)

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

NSR 20140413 - Medical Care Collection Fund (MCCF) eInsurance Compliance Phase 3

### Defect Tracking System Tickets

There are no defect tracking system tickets associated with this patch.