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

eBilling Build 1

Integrated Billing (IB)

RELEASE NOTES/ Installation Guide/ Rollback Plan

PRCA*4.5*300

September 2014
Version 4.0

Table of Contents

1 Introduction

This Accounts Receivable (PRCA) patch introduces changes to the VistA's
Accounts Receivable Module.

```
   APPLICATION/VERSION                                PATCH
   -------------------------------------------------------------
   ACCOUNTS RECEIVABLE (PRCA) V. 4.5               PRCA*4.5*300
```

This patch (PRCA*4.5*300) is being released in the Kernel Installation and
Distribution System (KIDS) distribution.

1.1   Documentation and Distribution

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

The preferred method is to FTP the files from
REDACTED. 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          REDACTED
 Hines           REDACTED
 Salt Lake City REDACTED
```

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

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

```
File Description                    File Name              FTP Mode
-----------------------------------------------------------------------
AR Release Notes/Installation Guide    PRCA_4_5_P300_rn.pdf    Binary
```

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2 Patch Description and Installation Instructions

2.1 Patch Description

```
==============================================================================
Run Date: SEP 10, 2014                    Designation: PRCA*4.5*300
Package : ACCOUNTS RECEIVABLE             Priority   : MANDATORY
Version : 4.5                             Status     : RELEASED
==============================================================================

Associated patches: (v)PRCA*4.5*153<<= must be installed BEFORE
`PRCA*4.5*300'


Subject:  ALLOW 6 CHARACTER BILL NUMBERS

Category:  DATA DICTIONARY
           ROUTINE
           ENHANCEMENT

Description:
===========


This Accounts Receivable (PRCA) patch introduces the following change to
VistA's Accounts Receivable Module:

The Accounts Receivable System shall provide the ability for the Bill No.
(field .01) of the Accounts Receivable file (file #430) to store a 6-10
character claim number plus a 3 character station number and a hyphen.

This patch is associated with Integrated Billing (IB) IB*2.0*488 and each
patch should be installed one after the other.  There is no install order
preference.

Patch Components
================

Files & Fields Associated:

File Name (#)              Field Name (#)            New/Modified/Deleted
------------------         ----------------          --------------------
ACCOUNTS RECEIVABLE (#399)                           Modified
                           BILL NO. (#.01)           Modified

Templates Associated:

Template Name      Type      File Name (#)      New/Modified/Deleted
-------------      ----      -------------      --------------------
N/A
```

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


Remedy Ticket(s) & Overviews:
-----------------------------
 This patch addresses the following Remedy Ticket(s):
 ----------------------------------------------------
 INC000000540117  LEX - Six Digit Bill Number

 Overview of the Remedy Ticket:
 ------------------------------
 AR staff is trying to put several bills into VISTA with only SIX digits.
 When they go into the option Select Audit/Setup a New Accounts Receivable
 this happens:

 Select Audit/Set up a New Accounts Receivable Option: ?

         Audit an Electronic Bill
         Set up and Audit New Accounts Receivable
         Amended Bill Audit
         Edit an Incomplete Accounts Receivable

 Select Audit/Set up a New Accounts Receivable Option: SET up and Audit
 New Accounts Receivable
 SITE: LEXINGTON-CDD VAMC//     KY  VAMC      596A4
 ACCOUNTS RECEIVABLE BILL NO. : 0000K0000

 Please enter 7 character bill number.
 It must be in the following format: K400001, K481234 or '(N)ew' to get
 the next available number.  (Enter "^" to exit)

 Resolution:
 -----------
 Corrected the INPUT TRANSFORM for the Bill No. field (.01) in the
 Accounts Receivable file (#430).  Changed the code so that it would
 accept both 6-character and 7-character Bill Numbers.  Also changed
 the HELP and DESCRIPTION for this field to reflect the correct
 messages describing what would be allowed as input for the Bill No.


TEST Sites:
===========
 Tennessee Valley HCS
 Mountain Home, TN
 Richmond, VA
 Asheville, NC
 Hampton, VA
```

2.2   Pre/Post Installation Overview

```
Pre/Post Installation Overview
------------------------------
N/A
```

2.3   Installation Instructions

```
Installation Instructions
-------------------------
It is recommended that this patch be installed outside of normal business
hours to avoid any complications resulting from users on the system.
Installation will take less than 2 minutes.  This patch is associated with
IB*2.0*488.


   1. Use the INSTALL/CHECK MESSAGE option on the PackMan menu.

   2. From the Kernel Installation & Distribution System (KIDS) menu,
      select the Installation menu.

   3. From this menu, you may select to use the following options
       (when prompted for INSTALL NAME, enter PRCA*4.5*300).
      a. Backup a Transport Global - This option will create a backup
         message of any routines exported with the patch. It will NOT
         back up any other changes such as DDs or templates.
      b. Compare Transport Global to Current System - This option will
         allow you to view all changes that will be made when the patch
         is installed. It compares all components of the patch (routines,
         DDs, templates, etc.).
      c. Verify Checksums in Transport Global - This option will ensure
         the integrity of the routines that are in the transport global.
      d. Print Transport Global - This option will allow you to view the
         components of the KIDS build.

   4. Use the Install Package(s) option and select the package
      PRCA*4.5*300.

   5. When prompted "Want KIDS to INHIBIT LOGONs during the install? NO//"
      respond NO.

   6. When prompted "Want to DISABLE Scheduled Options, Menu Options, and
      Protocols? NO//" respond NO.


Post-Installation Instructions
------------------------------
N/A
```

```
Routine Information:
====================
The second line of each of these routines now looks like:
 ;;4.5;Accounts Receivable;**[Patch List]**;Mar 20, 1995;Build 11

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

Routine Name: PRCASET
    Before:  B6950731   After:  B7758197  **16,25,40,51,67,158,153,300**

Routine list of preceding patches: 153
```

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 development 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 development 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 development 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 development team for assistance if needed.

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4 Enhancements

The following features in VistA, Integrated Billing are affected by this effort:

4.1 System Feature: Data Dictionary

4.1.1 Data Dictionary – Bill Number Length – Accounts Receivable

The IB System provides the ability for the Bill No. field (.01 field) of the Accounts Receivable file (file 430) to store a 6-10 character claim number plus a 3 character station number and a hyphen.