

**Medical Care Collection Fund (MCCF) ePharmacy  
Compliance Phase 3**

**Outpatient Pharmacy Data Management**

**Version 1.0**

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

**PSS\*1\*192**



**August 2016**

**Department of Veterans Affairs  
Office of Information and Technology (OI&T)**

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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*448
INTEGRATED BILLING (IB) V. 2.0	IB*2*550
ELECTRONIC CLAIMS MANAGEMENT ENGINE (ECME) V. 1.0	BPS*1*20
CONSOLIDATED MAIL OUTPATIENT PHARMACY (CMOP) V. 2.0	PSX*2*79
PHARMACY DATA MANAGEMENT (PDM) V. 1.0	PSS*1*192

All five of these patches are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution.

KIDS multi-build name: BPS PSO IB PSX PSS BUNDLE 9.0  
KIDS Host File name: BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID

## 1.1 Documentation and Distribution

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

The preferred method is to retrieve files from [download.vista.med.va.gov](http://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 documentation 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

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

Title	File Name	Transfer Mode
Release Notes/Installation Guide	PSS_1_P192_RN.PDF	Binary
User Manual	PSS_1_UM.PDF	Binary

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# 2 Patch Description and Installation Instructions

## 2.1 Patch Description

VistA Patch Display Page: 1  
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Run Date: APR 21, 2016	Designation: PSS*1*192 TEST v16
Package : PHARMACY DATA MANAGEMENT	Priority : MANDATORY
Version : 1	Status : UNDER DEVELOPMENT

=====

Associated patches: (v)PSS\*1\*104 <=< must be installed BEFORE `PSS\*1\*192`  
(u)PSS\*1\*189 <=< must be installed BEFORE `PSS\*1\*192`

Subject: MCCF ePHARMACY COMPLIANCE PHASE 3

Category: ROUTINE  
OTHER  
ENHANCEMENT  
DATA DICTIONARY  
INPUT TEMPLATE

Description:  
=====

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All five of these patches are being released in the Kernel Installation and Distribution System (KIDS) multi-build distribution.

KIDS multi-build name: BPS PSO IB PSX PSS BUNDLE 9.0  
KIDS Host File name: BPS\_1\_20\_PSO\_IB\_PSX\_PSS.KID

This specific patch contains the following functionality:

- 
1. Three new fields for ePharmacy billable assessment have been added to the Drug File (#50) which will be Yes/No fields:  
  
    ePharmacy Billable (#84)  
    ePharmacy Billable (TRICARE) (#85)  
    ePharmacy Billable (CHAMPVA) (#86)

The fields will be used in Integrated Billing to assess billable status for a prescription instead of basing assessment on the DEA, Special HDLG field.

2. A new field called Sensitive Diagnosis Drug (#87) has been added to the Drug File (#50) which will be a Yes/No field. The field is used in Integrated Billing to assess sensitive diagnosis status for a Prescription instead of basing the assessment on the DEA, Special HDLG field.
3. The system option Drug Enter/Edit [PSS DRUG ENTER/EDIT] contains prompts to allow the user to enter the new ePharmacy data at the main level.
4. The help text references to "E" and "U" have been removed from the DEA, Special HDLG field, however, the user will still be able to enter "E" or "U". If the user enters an "E" or "U" in the DEA, Special HDLG field, a warning message is displayed indicating the values no longer have any ePharmacy impact and refer the user to the new fields which replace the "E" and "U" functionality.
5. The option Lookup into Dispense Drug File [PSS LOOK] displays the following new ePharmacy values:
  - ePharmacy Billable
  - ePharmacy Billable (TRICARE)
  - ePharmacy Billable (CHAMPVA)
  - Sensitive Diagnosis Drug
6. During the patch installation, the system populates the ePharmacy Billable field according to existing logic based on values in the DEA, Special HDLG field, and removes the "E" from the DEA, Special HDLG field. Also, the system populates the Sensitive Diagnosis Drug field to Yes if the DEA, Special HDLG field contains "U" and removes the "U" from the DEA, Special HDLG field.
7. The system generates one post installation report showing the value of the DEA Special HDLG field before the patch is installed and the value of the DEA Special HDLG field after the patch is installed and the "E" and "U" characters are removed. The functions of both characters have been replaced by the new DRUG file (#50) fields to maintain consistency throughout the VA. A drug will only be on the report if the value for the DEA Special HDLG field is changed for that drug. The report also displays drugs that do not have any value in the DEA Special Handling Field.

Patch Components:

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Files & Fields Associated:

File Name (#)	Field Name (Number)	New/Modified/ Deleted
DRUG (#50)	EPHARMACY BILLABLE (#84)	Modified New



EPHARMACY BILLABLE (TRICARE) (#85)	New
EPHARMACY BILLABLE (CHAMPVA) (#86)	New
SENSITIVE DIAGNOSIS (#87)	New

Forms Associated:

Form Name	File Name (Number)	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	New/Modified/ Deleted
-----	-----
N/A	

Templates Associated:

Template Name	Type	File Name (Number)	New/Modified/ Deleted
-----	----	-----	-----
PSSCOMMON	Input	DRUG (#50)	Modified

Additional Information:

N/A

New Service Requests (NSRs)

-----  
20140411 - Medical Care Collection Fund (MCCF) ePharmacy Compliance Phase 3

Patient Safety Issues (PSIs)

-----  
N/A

Defect Tracking System Ticket(s) & Overview:  
-----

N/A

Test Sites:  
-----

VA HEARTLAND - WEST, VISN 15 (589)  
LEXINGTON VAMC-LEESTOWN (596)  
HUNTER HOLMES MCGUIRE HOSPITAL - RICHMOND (652)  
BIRMINGHAM VAMC (521)  
CENTRAL ARKANSAS HEALTH CARE SYSTEM - LITTLE ROCK (598)

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

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

Title	File Name	Transfer Mode
Release Notes/Installation Guide	PSS_1_P192_RN.PDF	Binary
User Manual	PSS_1_UM.PDF	Binary

## 2.2 Pre/Post Installation Overview

There is a post-install routine associated with this patch named PSS192PO. The purpose of the post-install routine is to:

- a. Examine every drug in the Drug file (#50) to determine if it is billable or not and if the drug is a Sensitive Diagnosis Drug or not.
- b. Set the new ePharmacy Billable field as appropriate.
- c. Set the new Sensitive Diagnosis Drug field as appropriate.
- d. Remove the "E" and "U" characters from the DEA, Special HDLG field.
- e. Identify and report all drugs with a blank DEA, Special HDLG field.
- f. Prepare and send an email message containing all of the Drug file changes to users who hold the PSO EPHARMACY SITE MANAGER security key.

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

## 2.3 Installation Instructions

Please see the Installation Instructions associated with patch BPS\*1.0\*20.

Routine Information:

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

```
;;1.0;PHARMACY DATA MANAGEMENT;**[Patch List]**;9/30/97;Build 25
```

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

```
Routine Name: PSS192PO
  Before:      n/a   After: B100977929  **192**
Routine Name: PSS50
  Before: B20914479 After: B25607113  **85,104,192**
Routine Name: PSSDDUT2
  Before: B103530932 After: B173773291  **3,21,61,81,95,127,126,139,
  131,143,188,189,192**
Routine Name: PSSLOOK
  Before: B85846814 After: B89759845  **3,7,15,16,20,24,29,38,68,61,
  87,90,127,147,170,189,192**
```

Routine list of preceding patches: 104, 189

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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-up patch. The development team recommends that sites log a ticket if it is a nationally released patch; otherwise, the site should contact the Enterprise Program Management Office (EPMO) directly for specific solutions to their unique problems.

### 3.2 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 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-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 restoration of the data. This backout may need to include a database cleanup process.

Please contact the EPMO 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 EPMO 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-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.

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## 4 Enhancements

The following features in VistA, Outpatient Pharmacy Data Management are affected by this effort:

### 4.1 System Feature: Drug File

The Drug File (#50) contains fields for ePharmacy billable assessment which will be Yes/No fields: ePharmacy Billable, ePharmacy Billable (TRICARE), ePharmacy Billable (CHAMPVA), and Sensitive Diagnosis Drug.

### 4.2 System Feature: Post Installation Report

The system generates one post installation report showing the value of the DEA Special HDLG field before the patch is installed and the value of the DEA Special HDLG field after the patch is installed and the “E” and “U” characters are removed. A drug will only be on the report if the value for the DEA Special HDLG field is changed for that drug.