PHARMACY DATA MANAGEMENT

TECHNICAL MANUAL/ SECURITY GUIDE

Version 1.0
September 1997

(Revised March 2012)

Department of Veterans Affairs
Product Development

Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists "All," replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

Date	Revised Pages	Patch Number	Description
03/12	i-iii, 50a-50b	PSS*1*167	Added five new security keys for Pharmacy Product System-National (PPS-N). REDACTED
12/11	i, ii, iii, 33-33b	PSS*1*159	Updated Medication Route information REDACTED
04/11	i-iii, 21-24r, 25, 29-30h, 48-49b	PSS*1*155	Removed *Auto Create Dosages* [PSS DOSAGE CONVERSION] option from the Dosages [PSS DOSAGES MANAGEMENT] menu. Updated menus to show menu structure of Pharmacy Data Management [PSS MGR] after install of PSS*1*155, but before installing MOCHA V. 1.0 (PSS*1*117) due to phased implementation of MOCHA. Also showing menu structure with PSS*1*155 and MOCHA V. 1.0 (PSS*1*117) installed. Added PSSUTIL3 routine and deleted PSSDOSCR and PSSDOSCX routines. REDACTED
04/11	i-iv, 5, 8, removed 8a-b, 13, 24f-g, added 24h-l, 25, 28, added 28a-b for paging sense, 29, 30, renumbered 31a-b to be 30a-b for paging sense, 31, 32, 32a, 35, 45-49, 51, 55-59, added 60	PSS*1*136 and PSS*1*117	Added reference to latest patch info, PSS*1*117 and PSS*1*136; Added new files VENDOR DISABLE/ENABLE (#59.73) and VENDOR INTERFACE DATA (#59.74) to **File List** and **File Security** sections. Updated **Options Descriptions** to include the new options available after the installation of PSS*1*136 and PSS*1*117 Updated **Routines** list Added new options *PEPS Services* [PSS PEPS SERVICES], *Check PEPS Services Setup* [PSS CHECK PEPS SERVICES SETUP], *Check Vendor Database Link* [PSS CHECK VENDOR DATABASE LINK], and *Schedule/Reschedule Check PEPS Interface* [PSS SCHEDULE PEPS INTERFACE CK], and updated menus where they appear (**Exported Options**) Added a **Bulletins** section to both Technical Manual and Security Guide and defined terms in **Glossary** Updated **Package Requirements** section REDACTED

Date	Revised Pages	Patch Number	Description
04/11	i-iii, 5, 6, 8a-b, 33	PSS*1*153	Renamed the MED ROUTE field (#.06) of the PHARMACY ORDERABLE ITEM file (#50.7) to be DEFAULT MED ROUTE. Provided the ability to print the POSSIBLE MED ROUTES multiple on the *Default Med Route For OI Report* [PSS DEF MED ROUTE OI RPT] option. <mark>REDACTED</mark>
02/11	i, 25	PSS*1*151	Added PSSDSAPA routine to the Routine List. Released with CPRS version 28. <mark>REDACTED</mark>
02/11	i, 33-34	PSS*1*142	Added functionality to denote the default med route for IV orders in the selection list in CPRS if all of the orderable items on the order have the same default med route defined. Released with CPRS version 28. <mark>REDACTED</mark>
02/10	i-iii, 5, 8, 24f, 25, 29-30, 31b- 32, 32a-32h, 45-50	PSS*1*147	Updated patch references to include PSS*1*147. Described files, fields, options and routines added/modified as part of this patch. <mark>REDACTED</mark>REFCQ920
10/09	i-ii, 5, 8	PSS*1*141	Updated patch references to include PSS*1*141. Added ASSOCIATED IMMUNIZATION field (#9) to the PHARMACY ORDERABLE ITEM file (#50.7). <mark>REDACTED</mark>
08/09	24f	PSS*1*140	Added new option *Default Med Route OI Rpt* [PSS DEF MED ROUTE OI RPT]. <mark>REDACTED</mark>
02/09	i-ii, 24b-f, 25, 29-31b, 48-52, 55-58	PSS*1*129	Pharmacy Re-Engineering (PRE) V.0.5 Pre-Release. Restructured main PSS MGR menu and added new *Enhanced Order Checks Setup Menu*. Described files, fields, options and routines added/modified as part of this project. <mark>REDACTED</mark>
08/08	iii, 25, 33-34	PSS*1*94	Added Medication Routes and Administration Scheduling sections. Added PSSSCHED routine. <mark>REDACTED</mark>
10/06	i, ii, 25	PSS*1*112	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routines PSS55MIS and PSS50TMP to the Routine List. <mark>REDACTED</mark>
09/06	i, ii, 25	PSS*1*108	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS551 to the Routine List. <mark>REDACTED</mark>
04/06	i, 25	PSS*1*90	HIPAA NCPDP Global project. Added routines PSSDAWUT and PSSNDCUT to the Routine List. <mark>REDACTED</mark>
04/06	i, ii, 25	PSS*1*106	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routine PSS781 to the Routine List. <mark>REDACTED</mark>

Date	Revised Pages	Patch Number	Description
11/05	i, ii, 25	PSS*1*101	Pharmacy Re-Engineering (PRE) Encapsulation Cycle II project. Added routines PSS55 and PSS59P7 to the Routine List. <mark>REDACTED</mark>
03/05	i, ii, 24a, 25, 29-31, 48	PSS*1*87	Laser Labels Phase II project. Added *Warning Builder* and *Warning Mapping* options descriptions and updated the menu options. Added four new routines to the routine list. Cleaned up misspelled words and such on many pages. <mark>REDACTED</mark>
10/04	i., 25, 33	PSS*1*85	Added routines and a reference to the *Pharmacy Re-Engineering (PRE) Application Program Interface (API) Manual* created for the Pharmacy Re-Engineering (PRE) project Encapsulation cycle 1.
10/04	i, 24a, 25, 29-31, 32d-h, 48, 53	PSS*1*82	Updated the option description to include *Send Entire Drug File to External Interface* [PSS MASTER FILE ALL] option. Added new master file update information to the "HL7 Messaging with an External System" section. Updated routine list to include PSSMSTR. Updated the web address for the VistA Documentation Library (VDL).
07/03	i, 25, 31, 48	PSS*1*61	Updated routine list to four new add PKI routines. Added new *Controlled Substances/PKI Reports* [PSS/PKI REPORTS] menu and four associated report options to the *Pharmacy Data Management* [PSS MGR] menu.
04/03	i, 5, 8, 29, 35, 48	PSS*1*68	Updated patch references to include PSS*1*68. Added NON-VA MED field (#8) to the PHARMACY ORDERABLE ITEM file (#50.7).
03/03	i., 5, 8, 24a, 29, 31, 35, 48	PSS*1*47	Updated patch references to include PSS*1*47. Added new field OTHER LANGUAGE INSTRUCTIONS (#7.1) to the PHARMACY ORDERABLE ITEM file (#50.7) list and *Other Language Translation Setup* option description.
11/02	i, ii 5, (6) 23 - 25, (26) 29-30,(47), 48	PSS*1*55	Renumbered front matter starting from this Revision History page. Updated Patch number. Updated Option descriptions to include *Drug Text File Report* option. Added routine PSSDTR in the Routines section. Added the *Drug Text File Report* option to the current PDM Menu in the Exported Options section.
10/02	Title, i-iv, 32a-32d	PSS*1*57	Updated Title Page, Revision Page and Table of Contents. A section was added for the new HL7 Messaging with an External System.
09/01	All	PSS*1*38	Added this Revision History Page. Added Patch Release changes and Pharmacy Ordering Enhancements (POE) edits. Updated manual to comply with current documentation standards.
09/97	N/A	N/A	Original Release of Technical Manual.

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CS (Ord. Item) Inconsistent with DEA Spec Hdlg
Send Entire Drug File to External Interface
IV Additive/Solution
    IV Additive Report
    IV Solution Report
    Mark PreMix Solutions
Warning Builder
Warning Mapping
PEPS Services
    Check Vendor Database Link
    Check PEPS Services Setup
    Schedule/Reschedule Check PEPS Interface

Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.

Other Language Translation Setup [PSS OTHER LANGUAGE SETUP] option is a stand-alone option that must be assigned to the person(s) responsible for maintaining it.

Enable/Disable Vendor Database Link [PSS ENABLE/DISABLE DB LINK] option is a stand-alone option that exists **ONLY** as a way for technical personnel to turn the database connection off and back on if required for debugging. Normally it is enabled and the Vendor Database updates are performed centrally in Austin and Martinsburg, not at the individual sites. This option is rarely used. It is **NOT** exported as part of the main PDM menu [PSS MGR]:

In the rare case where this option is used and the database link is disabled, NO drug-drug interaction, duplicate therapy, or dosing order checks will be performed in Pharmacy or in the Computerized Patient Record System (CPRS).

Security Keys

In order to mark or edit package specific fields in a DRUG file (#50) entry, the user must hold the corresponding package key. The keys are assigned for the individual packages. PDM does not export any of these keys.

Package	Keys
Outpatient Pharmacy	PSORPH
Inpatient Medications	PSJU MGR
Inpatient Medications	PSJI MGR
Automatic Replenishment/Ward Stock	PSGWMGR
Drug Accountability/Inventory Interface	PSAMGR
Drug Accountability/Inventory Interface	PSA ORDERS
Controlled Substances	PSDMGR
National Drug File	PSNMGR
Consolidated Mail Outpatient Pharmacy	PSXCMOPMGR

Patch PSS*1*147 exports the following four security keys, that will be used by the Pharmacy Enterprise Customization System (PECS) application. Only a few users who will be granted access to the PECS application will need one or more keys assigned based on their role. Assignment of these keys should be by request only. The security key descriptions were retrieved from VA FileMan.

```
NAME: PSS_CUSTOM_TABLES_ADMIN
DESCRIPTIVE NAME: ADMINISTRATOR
DESCRIPTION:   This key is used by the Pharmacy Enterprise Customization System (PECS)
web application. Holders of this key will have the ability to perform configuration
and administrative tasks for the application. They will also have querying
capabilities.
```

```
NAME: PSS_CUSTOM_TABLES_APPROVER
DESCRIPTIVE NAME: APPROVER
DESCRIPTION:   This key is used by the Pharmacy Enterprise Customization System (PECS)
web application.  Holders of this key will have the same privileges as those with the
PSS CUSTOM TABLES REQUESTOR key. Additional capabilities will be to review, approve,
delete or reject customization requests and to view and generate reports.
```

```
NAME: PSS_CUSTOM_TABLES_REL_MAN
DESCRIPTIVE NAME: RELEASE MANAGER
DESCRIPTION:   This key is used by the Pharmacy Enterprise Customization System (PECS)
web application. Holders of this key will have the ability to create file updates for
FDB database tables to be applied at local facilities. They will also have querying
capabilities.
```

```
NAME: PSS_CUSTOM_TABLES_REQUESTOR

DESCRIPTIVE NAME: REQUESTOR
DESCRIPTION:   This key is used by the Pharmacy Enterprise Customization System (PECS)
web application.  Holders of this key will be allowed to enter customization requests,
display and view the status of their own requests. They will also have limited
querying capabilities
```

Five security keys were introduced with Patch PSS*1*167 that will be used to authenticate users accessing the Pharmacy Product System-National (PPS-N) using Kernel Authentication and Authorization for J2EE (KAAJEE). Users requiring access to the Pharmacy Product System-National should be assigned these keys as appropriate to their level of approved access. PPS-N is a reengineered product that will replace the National Drug File Management System (NDFMS). Site users may be assigned the PSS_PPSN_VIEWER key only. The other four security keys are only to be assigned to members of the National NDF Management Group.

```
NAME: PSS_PPSN_MANAGER
DESCRIPTIVE NAME: PPS-National Manager
DESCRIPTION:   This role can perform the operational functions in PPS-N but doesn't
have the administrative rights of the PPS-N National Supervisor.
```

```
NAME: PSS_PPSN_MIGRATOR
DESCRIPTIVE NAME: PPS-National Migration User
DESCRIPTION:   This role has the ability to run the PPS-N Migration.
```

```
NAME: PSS_PPSN_SECOND_APPROVER
DESCRIPTIVE NAME: PPS-National Second Approver
DESCRIPTION:   This role has the ability to do a second approval on items that are in
the pending second approval state.
```

```
NAME: PSS_PPSN_SUPERVISOR
DESCRIPTIVE NAME: PPS-National Supervisor
DESCRIPTION:   This role has the ability to perform all actions in the PPS-N
application, including Administration and Configuration.
```

```
NAME: PSS_PPSN_VIEWER
DESCRIPTIVE NAME: PPS-National Viewer
DESCRIPTION:   This role has the ability to log in and view items in the PPS-N
Application but cannot modify any of the items.
```

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