

Pharmacy Benefits Management (PBM) Technical Manual/Security Guide



Software Version 4.0

Revised July 2014

June 2005

**Department of Veterans Affairs
Office of Information and Technology (OIT)
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
7/2014	i, 18	PSU*4*19	Added new API \$\$CSI^ICDEX() to Section 8.1, Integration Agreements (IAs). (Taraiza Bennett, G. Bach, Tech. Writer)
07/2012	19	PSU*4*20	Updated only the Callable Routines section on this page. (A. Scott, PM; T. Dawson, Tech. Writer)
02/2006	iii, 5, 9, 11, 15, 17-19, 21	PSU*4*3	PBM Extract Enhancements #3 project. Updated Table of Contents. Added PBM Health Level 7 (HL7) Chemistry Lab messaging functionality to applicable sections. Added routines PSULRHL1, PSULRHL2, and PSULRHL3 to Routines section. Added references to HLO package to External Relations and Internal Relations sections. Added list of DBIA's to Section 8.1, Integration Agreements. Added new Glossary entries for CMOP-NAT, HL7, and HLO. (R. Singer, PM; M. Newman, Tech. Writer)
06/2005	All		Original Released PBM V. 4.0 Technical Manual (T. Holley, PM; C. McCollister, Tech. Writer)

(This page included for two-sided copying.)

8. External Relations

PBM V. 4.0 relies (minimum) on the following external packages. This software is not included in this package and must be installed before this version of PBM is completely functional.

Package	Minimum Version Needed
Adverse Reaction Tracking (ART)	4.0
Auto Replenishment/Ward Stock (AR/WS)	2.3
Controlled Substances (CS)	3.0
Drug Accountability	3.0
HLO (Health Level 7 Optimized)	1.6
Inpatient Medications	5.0
Integrated Funds Control, Accounting and Procurement (IFCAP)	5.1
Kernel	8.0
Laboratory	5.2
MailMan	8.0
National Drug File (NDF)	4.0
Outpatient Pharmacy	7.0
Patient Care Encounter (PCE)	1.0
Patient Information Management System (PIMS)	5.3
Pharmacy Data Management (PDM)	1.0
VA FileMan	22.0
Visit Tracking	2.0

Verified Chemistry Lab results are pushed, rather than extracted, to PBM.

Verified Chemistry Lab results trigger the creation of an HL7 message containing data from the lab. These messages are sent to the CMOP-NAT sever, where a PBM process loads the data into flat files for export to an SQL database.

8.1 Integration Agreements (IAs)

DBIA 3565 to subscribe to the LR70 ALL EVSEND RESULTS protocol

DBIA 998 to step through ^DPT(i,"LR" go get the IEN to file #63

DBIA 91-A to step through ^LAB(60 to get the name of the test

DBIA 3630 to call the HL7 PID builder

DBIA 4727 to call EN^HLOCNRT

DBIA 3646 to call API: \$\$EMPL^DGSEC4

DBIA 4658 to call API: \$\$TSTRES^LRRPU

DBIA 5747 to call API: \$\$CSI^ICDEX()

PSU*4*3 has Integration Agreements (IAs) with the packages listed above. For complete information regarding the IAs, please refer to the *DBA MENU* [DBA] option on FORUM and then the *Integration Agreements Menu* [DBA IA ISC] option.