



RESOURCE AND PATIENT MANAGEMENT SYSTEM

IHS RPMS

FOIA Distribution Version

Configuration Guide - Addendum I

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Preface

This document is part of the distribution package for the Indian Health Services (IHS) Freedom of Information Act (FOIA) release of the RPMS system.

In order to comply with policies and laws concerning patient privacy and commercial software licensing, it has been necessary to remove certain parts of the system. This document identifies those areas that have been modified, as well as identifying areas where it will be necessary for the user of this system to make additional modifications in order for the system to perform properly.

This document will not tell the user how to fix any issues that will arise in implementing this system, but rather indicates areas where modifications have been made. Because this system is a combination of the Veterans Administration VistA system and the IHS RPMS system, there are some areas that are not used by IHS. These areas have been identified and should be ignored by the user.

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Introduction to Installation

The basic installation of the IHS RPMS Medical System requires that the Intersystems Inc. CACHE be on the system where the environment will reside. Use the Version 2008.2 or later.

Instructions for installing this environment are available from the Intersystems Inc. web site, <http://www.intersystems.com/> under their standard licensing agreements. Contact Intersystems directly for information about purchasing this licensed product.

Once the CACHE environment is established, the steps in the installation guide can be followed to install the M portion of this system.

Documentation for the System

There are a number of manuals on the various parts of the Indian Health Service (IHS) system. These can be found at the following sites:

- View the following Web site for RPMS for other embedded links.
<http://www.ihs.gov/Cio/RPMS/index.cfm?module=home&option=documents>
From the Web site, click on the list box and select from a variety of documents about the system including User Manuals, Technical Manuals and Installation Guides.
- Home of *Hard Hats of the World*, at <http://www.hardhats.org/> is a source of all the manuals and information about the M (MUMPS) programming language. This site contains manuals for programmers using native M and for FileMan.
- Documentation on the Intersystem Inc. CACHE system is available from their web site at <http://www.intersystems.com/>.

Interfaces between IHS M Environment and Other Systems

The IHS database was originally built for the Veterans Administration (VA). Therefore it contains code that is not used by IHS. This includes HL7 interfaces and Remote Procedure Calls (RPC's).

Rather than trying to eliminate these VA only interfaces, IHS has decided to ignore them, as they are not used. However, the software still resides in the database and may cause some confusion as to why they exist within the database.

The following two sections identify those interfaces that are utilized by IHS and those used only by the VA.

Interfaces Within IHS

The following table shows the variety of interfaces that exist within the IHS database.

The first column shows those interface activities that are current within IHS.

The second column indicates the type of interface that is used by the activity: HL7 is a standard for sending medical data between systems and is done through M code to either an M environment, an external application, or to an external host file; GUI indicates that the interface is between a Graphical User Interface and the M environment and passes data by Remote Procedure Calls (RPC's).

There is a third type, HOST, in which an external file is built from either an M environment or from a GUI environment. This file can then be transferred via FTP to some external system. For GUI environments as well as for non-M artifacts, the language the artifact was created in is included, as well as the version number of that language. Since it will be necessary to compile some of these artifacts, the user must purchase the appropriate license(s) from the product owners.

The third column provides a short description of what the interface does within the system.

IHS Interfaces	HL7/GUI	Use
Internal M Interfaces		
PCC Suite of programs. (Patient Care Component)	HL7	Using a link between RPMS and MS Word, produces a real-time customized encounter form.
PIMS – ADT or Scheduling	HL7	Can send ADT (Admissions, Discharge, Transfer) to data warehouse.
Data Warehouse	HL7	The National Data Warehouse (NDW) project is upgrading the Indian Health Service's (IHS) national data repository, the National Patient Information Reporting System (NPIRS), to a new, state-of-the-art, enterprise-wide data warehouse environment.
BHL IHS Interfaces with GIS	HL7/GUI C# .NET	This is the Generic Interface System that is used by IHS to transport HL7 messages within the environment and outside the environment
IHS RPMS CHR System	HL7 via FTP/Kermit	Clinical Health Record
Diabetes Management System (DMS)	GUI Visual Basic .NET and iCare Population Management GUI	The GUI version of the software contains most of the existing functionality of the traditional roll and scroll FRPMS application, including patient management, register maintenance, running reports, and running the Diabetes Audit.

IHS Interfaces	HL7/GUI	Use
Pharmacy-Automated Dispensing Interface System (BOP)	HL7 via TCP/IP	The Automated Dispensing System interface sends RPMS patient data and orders to the Automated Dispensing System in real-time, as transactions occur.
External COTS Interfaces		
TIU Dictation Support	HL7	Uploads and downloads dictation service files.
Reference Lab Inbound Messages – DynaCare	HL7	Interfaces to DynaCare Laboratory.
LabCore Inbound Messages	HL7	Interfaces to LabCore Laboratory.
Sonora Quest Lab Inbound Messages	HL7	Interfaces to Sonora Quest Laboratory.
Quest Lab Inbound Messages	HL7	Interfaces to Quest Laboratory.
Quest Diagnostics Lab Inbound Message	HL7	Interfaces to Quest Diagnostics Laboratory..
RML Lab Inbound Messages	HL7	Interfaces to RML Laboratory.
SCC Lab Inbound Messages	HL7	Interfaces to SCC Laboratory.
Unilab Lab Inbound Messages	HL7	Interfaces to Unilab Laboratory.
ImmServe File formatting	HL7/HOST	Creates a Host file to be sent to IMMserve - commercial software called ImmServe, distributed by Medical Decisions Associates, Inc. (MDA). This software is an immunization forecasting utility. Written in C.
3M Coder Interface – 3rd Party Billing	HOST	Transmits billing information to external billing system.

IHS Interfaces	HL7/GUI	Use
Interfaces to hardware		
Pyxis Medication dispensers	HL7	Medication dispensing machine.
OmniCell Medication dispensers	HL7	Medication dispensing machine.
Script pro (APSS) dispensing system	Data to a printer	Medication label to a printer.
MedLog – Interface to Bar Code readers	HL7	Interface to bar code readers.
Lab I-Linker – Bi directional interface	LSI (Large Scale Interface) Device interface	Bi-directional interface to laboratory equipment.
CHR Pen based messages	HL7	Interface to pen based system.
Automated Lab Instruments	HL7	Transfers medical information from a lab instrument to the database.
Bar Code Administration – BCMA	HL7	Interface through bar code readers.
External Interfaces Not to COTS Products		
Lab	HL7	Receive file of CHR transactions from a remote computer.
Chemical Dependency	HOST	The extract menu option collects and forwards CDMIS data to the Area office, and is consolidated and forwarded to Division of Data Processing Services (DDPS) by the close of business on the 25th of the month after the quarter ends.

IHS Interfaces	HL7/GUI	Use
Cloverleaf for the Joslin Vision Network (JVN)	HL7	This interface, while an IHS interface, is not appropriate for other organizations and should not be utilized when downloaded.
Host File for Immunization Records - ImmServer	HL7/HOST	Exports immunization records to national database.
NATIONAL DRUG FILE	HL7	Extracts data from the National Drug file for use inside the system.
NATIONAL PATIENT CARE DATABASE (BXP)	HOST	The Area Data Consolidation Export System (BXP) is designed to consolidate and merge data sent to the National Patient Information Reporting System (NPIRS) in Albuquerque, New Mexico. The facilities send the unprocessed data to the Area Office where it is processed and sent on to NPIRS to be merged and consolidated.
EHR	GUI - VueCentric Framework, using the following: Delphi v7, RoboHelp X5 v13.10.801, AuthorIT 4.1, Visual Basic 6.0, C# (VS 2003), Medsphere OpenSource, Mozilla Public License 1.1, Larcom & Young, Raize Software, Dart Communications, FreeVBcode.com, Clever Components	Electronic Health Record system Windows-based graphical interface that helps providers manage all aspects of patient care.
ICare	GUI Microsoft .NET v 2.0	Population Management (BQI) Allows providers to create and manage their own personalized panels (populations) of patients with user-defined common characteristics - HIV Management System merged into iCare.

IHS Interfaces	HL7/GUI	Use
VEN	GUI – MS Visual Studio, .NET Framework with RPC calls	Creates Encounter forms.
CRS	GUI – Visual CRS, Visual Basic .NET	Clinical Reporting System (BGP) Allows sites and Areas to review and report on local RPMS clinical data for GPRA and developmental performance indicators.
Scheduling	GUI - Microsoft .NET v 2.0	Schedules patient visits (BSDX).
Patient Chart	GUI - Visual Basic through RPC calls	Displays a patient's chart (BPC).
Diabetes (BDM)	GUI - Windows .NET	Diabetes-specific patient management tool.
Data Warehouse Export System (BDW)	HL7	Exports patient registration and visit data to the IHS National Data Warehouse. This is not useful for non-IHS sites.
Pharmacy Point of Sale (ABSP)	HOST	To various third party billing environments.
Pharmacy Auto Refill System (BEX)	AudioCare® automated telephone refill system	The Pharmacy Auto Refill system enables RPMS to interact with a commercial automated telephone system (AudioCare®) to refill prescriptions. The system will also check on prescription status and provide feedback to patients who are calling to have prescriptions refilled.
Uniform Data System (BUD)	Host file	Creates 5 of the 10 reports required for IHS sites receiving grants administered by the Bureau of Primary Health Care (BPHC). The reports are manually sent to BPHC.

IHS Interfaces	HL7/GUI	Use
Third Party Billing (ABM)	Host file	Creates a UB-92 Electronic Claim File.
Immunization Module	HL7 and ImmServe	Helps providers make clinical decisions about immunizations and follow up with patients and communities with low immunization coverage to ensure they are protected.
Immunization Data Exchange	HL7 -HL7 Communications Bridge application on the STC Web site	The Immunization Data Exchange Interface is a two-way Generic Interface System (GIS) HL7 interface that allows the exchange of immunization data for children from birth (0) to 19 years of age with State immunization registries.
Computerized Public Health Activity Data System - CPHAD	GUI – Visual Basic .NET	The Indian Health Service (IHS) Computerized Public Health Activity Data System (CPHAD) application provides for the entry of public health activity being performed by clinicians or other providers of public health activities. This software application will work in conjunction with the existing Resource and Patient Management (RPMS) applications.
Contract Health Management Information System (CHS/MIS)	HOST	Automated data transfer to the Referred Care Information System (RCIS). Electronic Explanation Of Benefits Report (EOBR) transmission. Medical data with automated transfer to the Patient Care Component (PCC).
PCC DATA TRANSMISSION SYSTEM	HOST	The PCC Data Transmission system is designed to process and transmit Patient Registration and clinical data to the IHS Division of Data Processing Services in Albuquerque, New Mexico, for national statistical reporting purposes.

IHS Interfaces	HL7/GUI	Use
Radiology and Nuclear Medicine	HL7	Generic interfaces to outside Radiology Reporting packages. Report entry can be done through vendor-supplied voice recognition units with an HL7 interface provided partially by this package and partially by the vendor (MedSpeak, PowerScribe, TalkStation, and so on.

Interfaces Within the Database Not Used by IHS

Non-IHS (VistA) Interfaces
Internal M Interfaces
HL7 Supply Interface –
HEC – Health Eligibility Center
MST – Military Sexual Trauma
Registration – patent record flag (PRF)
10-10T Registration
Dietetics –Order Entry/RR
EHR – Electronic Health Record
Surgery
Master File
ADT Messages to other facilities
RADIOLOGY
BCMA – Bar Code Medication Administration

Non-IHS (VistA) Interfaces
External COTS interfaces
COTS Pharmacy system
RAI/MDS – Residential Assessment Instrument
National PRF(Patient Record Flag) Software
MAS Software
Interfaces to hardware
VIC ID card machine
CAREVUE - CARELIFE
LIFELOG
External Interfaces Not to COTS Products
CPRS
Registration – National Flag Assignment
IFC event
Capacity Management RUM NATIONAL DATA BASE

Remote Procedure Calls (RPC's)

Remote Procedure Calls (RPC's) are used in an M environment to let external applications query into the M global structure and extract data by running M Routines to collect the data and then return the appropriate data to the calling application. This activity requires three distinct parts to succeed:

- A calling application that sends a request to execute an M routine.
- An M routine that collects data and returns it to the calling application.
- Internal M structures that permit the user to activate the external call and then validate that the M routine is a valid one.

The establishment of the permissions is covered in the Remote Procedure Call Manual at <http://www4.va.gov/vdl/application.asp?appid=23>. This manual explains in detail all of the necessary permissions that must be established, as well as how to use RPC's.

The M structure that must be built to handle RPC's is in a global called Remote Procedure and currently contains 2,631 entries that cover the entire VA and IHS RPC environment. This file is used as a repository of server-based procedures in the context of the Client/Server architecture. By using the RPC broker, applications running on client workstations can invoke (call) the procedures in this file to be executed by the server and the results will be returned to the client application.

Each remote procedure entry is associated with an entry point (ROUTINE with optional TAG). Calls to these procedures can include parameters of different value types. The resulting value of the call can be either a string, a list of strings or a word processing string as indicated by the RETURN VALUE TYPE field (.04).

A PRINT of this file can show the Name, Routine, Tag and Description of the call. An example is given in the table below.

Name	Routine	Tag	Description
ORQORB SORT	ORQORB	SORT	Returns the notification sort method for user/division/system/pkg.
ORQPT	ORQPTQ3	ATTPRIM	Returns a patient's attending physician and primary provider.
ORQPT CLINIC PATIENTS	ORQPTQ2	CLINPTS	Returns patients with appointments at a clinic between start and stop dates.
ORQPT CLINICS	ORQPTQ2	CLIN	Function returns a list of clinics.
ORQPT DEFAULT CLINIC DATE RANG	ORQPTQ2	CDATRANG	Returns default start and stop dates for clinics in the form: start^stop. Start and stop are free text and are not in FM format.
ORQPT DEFAULT LIST SORT	ORQPTQ11	DEFSORT	Returns the current user's default patient selection list SORT ORDER setting.
ORQPT DEFAULT LIST SOURCE	ORQPTQ11	DEFSRC	Function returns the source of the current user's default patient list.

Routines Modified for FOIA

Imbedded Telephone Numbers

There were a significant number of M routines that contained imbedded phone numbers which would only be applicable to IHS. These phone numbers were removed manually and replaced with 999-999-9999. If there was a comment concerning a particular phone number, the phrase was changed to read "...contact the Help Desk", where appropriate.

The table below shows the routines where the phone numbers were changed.

ABSPOSAE	ABSPOSFX	ABSPOSN3
ACDNOTE	ACHS3110	ACHS3111
ACHS3112	ACHS3113	ACHS3114
ACHS3115	ACHS31P5	ACHS31P6
ACHS31P7	ACHS31P8	ACHS31P9
ACHSEOB	ACHSPOSM	ACHSPRE
ACHSTV	ACHSVAR	ACMBUL6
ACMBUL7	ACPT27FX	AGSSLETR
AGSSLTXT	AGTXALL1	AMERENV1
AMHNAVRP	APCLM1	APSGMSG
AUM4101	AUM4103	AUM9115
AUT98P10	AUT98P11	AUT98P12
AUT98P13	AUTP4PRE	AUTP5PRE
AUTP6PRE	AUTP7	AVAPCHK
AZHLRER	BARPT18	BDMBUL6
BDMBULP1	BDWDDR	BGU15E
BLRAPRE	BLRKIDSU	BLRP22PC
BLRP24PC	BLRP25PC	BLRPRE
BLRPRE1	BLRPRE17	BLRPRE18
BLRPRE19	BLRPRE20	BLRPRE21

BLRPRE22	BLRPRE24	BLRPRE25
BMC4P0	BMC4P1	BMC4P2
BMC4P3	BMC4P4	BMCP4
BMXE01	BPC15E	BRNPTCH2
BSDX2E	BVCONV	IBINI00L
IBINI00O	IBINI00S	IBINI00V
IBINI00Y	IBINI010	KLASTIM
PSOTPCW	PSOTPHL1	XBHFMAN2
ZIBENVCK	ZIBPKGf	ZIBRPI2

Imbedded Email Addresses

There were a significant number of M routines that contained imbedded e-mail addresses which would only be applicable to IHS. These e-mail addresses were changed manually to @DOMAIN.NAME. The table below shows the routines where the e-mail addresses were changed.

APC3INIS	APC4INIS	APC5INIS	APC6INIS
APC7INIS	AUP6INIS	AUT98P12	AVAPINIS
AZHNINIS	BCH1INIS	BCH2INIS	BCHEXTAP
BKUCW2KV	BWINIS	BZSMINIS	DG53244U
DG53293B	DG53334B	DGEN339	DGEN408
DGVREL2	DICE	DIFROM7	DIPKINIS
FHINIS	GMP1INIS	GMPLINIS	GMTSXPS1
HLEVSRV	HLEVSRV4	IB20PT5	IBARXEC2
IBDEINIS	IBINI02S	IBINI0E2	IBINIS
KMPRBD01	KMPRBD02	KMPSGE	LEXAR7
LEXEDF1	LEXLGM	LEXPL	LEXXST
LR302POA	LRIPOSXM	LRSRVR	MCARPCS4
OCXOCMPV	OCXOPOST	OR3CONV1	OR3POST
ORY109	ORY116	ORY120	ORY125

ORY131	ORY132	ORY141	ORY148
ORY85	PSBSAGG	PSGWINIS	PSJIPST
PSJVINIS	PSN4P4	PSO55FX2	PSO55FX3
PSOCLUTL	PSOCPBAK	PSOCPIB3	PSOTPPPOS
PSSDINT	PSUTL1	PXICLN1	SCMSP0
SD53P234	SDHPIB	SDOQMP	SDWLCU1
SR54UTL	SROATCM2	VALMINIY	XGKB1
XMAH1CP	XMDIR1A	XMDIR1B	XMGAPI3
XMR1	XMRPCTS1	XMS1	XMS2
XPDCUST	XPDIST	XQABGEN	XTCMFILN
XTINEND	XTINITY	XU8343R	XUCMNIT4
XUCSRV	XUPSPD1		

Imbedded IP Addresses

There were a significant number of M routines that contained imbedded IP addresses which would only be applicable to IHS. These IP addresses were manually changed to a standard dummy IP value. The table below shows the routines where the IP addresses were modified.

ABSPOSAB	ABSPOSJ1	AZFMENV	BAREISS
BARPT18	BARPT172	BARPT173	BARPT174
BDW1VBLI	BDWCVAR	BDWDDR	BDWDWPX1
VENPCCM1	XLFNLSLK	XMR0BLOB	XWBTCPZ

Imbedded DNS Addresses

The DNS addresses in the table below had IHS.GOV replaced by DOMAIN.NAME.

ACHS3114	ACHS3115	AGTXALL	APCHPWH4
APCL3023	ASUWSND1	AUM4101	AUM4103
AUM9115A	BAREV181	BAREV182	BAREV183
BAREV184	BAREV185	BAREV186	BAREV189
BARPT18	BDWPRE	BGOPOST	BHLPID

BJPC1P1	BKUCW2KV	BPXRMP4I	XB3P9
XBTRK			

Security Hashing

Routines containing content associated with the secure transmission of access and verify codes have been sanitized. The consumer of the FOIA product(s) will need to provide their own encryption/decryption algorithms.

Security Hashing - Access and Verify code are not hashed. The following routines will need your own hashing code added in the appropriate places:

- XUSHSH
- XUSHSHP

Cleaned Data Files (Globals)

There were a number of M globals that contained data which would not have been appropriate for distribution with the FOIA release. A particularly important file is the list of CPT codes used by the system. Anyone wishing to use CPT codes in their implementation must buy the rights to the codes from the American Medical Association (AMA). The table below lists which globals were cleaned.

^AUTTIMM – IMMUNIZATION (file #9999999.14) - This file is a list of Immunizations and associated codes developed specifically for use in the IHS. This file contains a full descriptive name for each Immunization, plus a shortened name of Ten Characters which is used on the Health Summary and on reports where space is limited, plus a Two Digit Code for each Immunization. Contains a node for HL&-CVX code, CPT code, ICD Diagnosis Code, and ICD Procedure Code.
^BITMP – Not a FileMan file – contains patient identifier information.
^BITN – BI IMMUNIZATION TABLE HL7/CVX STANDARD (file #9002084.94) - - There are 126 records in the file. Contains CPT codes and HL7/CVX codes and ICD Diagnosis Codes, and ICD Procedure Codes.
^DGEN(27.17 – CATASTROPHIC DISABILITY REASONS - THIS FILE SHOULD NOT BE MODIFIED BY USERS! Per the Enrollment Phase II SRS (section 6.8.1.2), this file has been added to store the acceptable reasons why a veteran may be classified as catastrophically disabled.
^HL(772 - HL7 MESSAGE TEXT FILE – This file contains information related to the processing of all incoming and outgoing messages.
^HLCS(870 – HL LOGICAL LINK FILE (file #870) - This file serves two purposes. It is a FileMan-compatible transmission log. The Low Layer Protocols write and read directly from this file. (See routines HLCSDR1 and HLCSDR2) This file stores parameters that govern the behavior of the Low Layer Protocols. Fields like: READ TIMEOUT, ACK TIMEOUT, LLP START BLOCK, and LLP END BLOCK, are fields that govern how long the finite state machine waits for data to come down the line (READ TIMEOUT), how long it waits for a lower level acknowledgement (ACK TIMEOUT), and which control characters define the beginning and end of a message (LLP START BLOCK and LLP END BLOCK). This file also stores information that drives the SYSTEMS LINK MONITOR display option. Fields like, IN QUEUE FRONT POINTER, IN QUEUE BACK POINTER are used to manage the data flow in the queues but they are also displayed on the SYSTEMS LINK MONITOR under the alias's MESSAGES PROCESSED and MESSAGES RECEIVED. Fields like STATE and DEVICE TYPE are also used to drive the SYSTEMS LINK MONITOR. These fields are updated by the lower layer protocols in order to give real-time feedback as to what is occurring on a link. For example, when a message is received (see HLCSDR1) the state transitions from IDLE to READING.

^HLEV(776 - HL7 MONITOR JOB file – With each Monitor Master Job run, the master job checks every monitor entry in the HL Event Monitor file (#776.1). If it is time for the monitor to be queued, a background job is queued to run that monitor. At the time of queuing an entry is created in this file holding (among other values) the internal entry number of the monitor entry in file 776.1. The IEN is stored in the Monitor field (#3), and this M cross-reference holds the IEN of the monitor. Note: The Monitor field does not point to the monitor, strictly speaking, because this field is a free-text field. However, since it holds the IEN, it is a functional pointer to the monitor file. (The field was created this way to enable monitors to be deleted at will without worry about dangling pointers.)
^HLEV(776.1 - HL7 MONITOR file.
Under HL7 Main Menu Option -> Message Management Options - > Purge Messages This option should be run to purge the listed messages.
This job utilized the AI cross-reference to purge records in file 772 and 773 with maximum efficiency. It is not guaranteed to purge all records that need purging, but should quickly purge the vast majority of such records. Its main limitation is that it limits itself to messages that have a status of Successfully Completed.
There are two Fast Purge jobs. This one is the main job, in that it should be running nearly continuously. The second job will be started less frequently, and if there is no work to do will go back to sleep for several hours. Its purpose is to prevent purging from getting backed up when the messaging system is under very heavy load.
^HLEV(776.2 - HL7 MONITOR MASTER JOB FILE
On a parameter-controlled frequency, a master job is run to determine whether individual monitors should be run. When these master jobs start, an entry is made in the HL Event Master Job file (#776.2). The .01 field of this file is Creation Time, and this B xref is created based on the date/time value in this field.
^HLEV(776.3 - HL7 MONITOR EVENT TYPE FILE - It appears that this file keeps track of error events that occur during message sending.
^HLEV(776.4 - HL7 MONITOR EVENT file – It appears that this file is ordered by date and could therefore be specific to actions that have occurred in the past.
^HLEV(776.5 - HL7 MONITOR EVENTS PROFILE FILE –
^HLEV(776.999 - HL7 MONITOR PARAMETERS FILE –

^HLMA(- HL7 MESSAGE ADMINISTRATION FILE - This file is used to create and maintain unique message IDs. It also contains a date/time when each ID was created.
^INRHD - INTERFACE DESTINATION - This file holds the information necessary to route a transaction to its appropriate location. For outgoing transaction either a Transceiver Routine or a Mail Recipient is defined. For incoming transactions a Transaction Type is defined.
^INXPORT – Not a FileMan File structure. - IN GIS Package Exporter - BHL IHS Interfaces with GIS - this routine will take all components of a package and export to transport global ^INXPORT. This global will then get moved to the remote system and get imported into GIS. This will act as a replacement to the KIDS data install.
^LAHM(62.94 – This file is used to store the messages that are sent or received by the Lab Messaging system. This file is populated by application routines and should not be edited by users.
^PS(50.621 – PMI-ENGLISH - This file contains Patient Medication Information (PMI) in English, and is supplied and maintained by the drug vendor.
^PS(50.622 – PMI-SPANISH - This file contains Patient Medication Information (PMI) in Spanish, and is supplied and maintained by the drug vendor.
^PS(50.623 – PMI MAP-ENGLISH - This file contains mapping information in English in order to link GCNSEQNO to a PMI.
^PS(50.624 – PMI MAP-SPANISH - This file contains mapping information in Spanish in order to link GCNSEQNO to a PMI.
^PSDRUG – This file contains drug information critical to the Pharmacy Package. Users can refer to the VA FOIA Distribution Release Area and the Pharmacy Package documentation for guidance on populating this file.

Note: The link to the VA FOIA Distribution Release Area was active as of November 1, 2009.

Nodes

The nodes in ^BAR indicated below should be modified to reflect the appropriate information.

^BAR(90052.03,2,1,4,0)="	[enter organization description here]"
^BAR(90052.03,2,1,5,0)="	[enter division description here]"
^BAR(90052.03,2,1,6,0)="	[enter site here]"
^BAR(90052.03,2,1,7,0)="	[enter office here]"
^BAR(90052.03,2,1,19,0)="	[enter phone number here] We appreciate your cooperation."
^BAR(90052.03,2,1,24,0)="	[enter name here]"
^BAR(90052.03,6,1,1,0)="	[enter organization description here]"

^BAR(90052.03,6,1,2,0)=" [enter division description here]"
^BAR(90052.03,6,1,3,0)=" [enter site here]"
^BAR(90052.03,6,1,4,0)=" [enter office here]"
^BAR(90052.03,6,1,16,0)=" [enter phone number here]. We appreciate your cooperation."
^BAR(90052.03,6,1,21,0)=" [enter name here]"
^BAR(90052.03,10,1,15,0)="~W !?6,""DEPOSIT#: """,\$G(BARSCHEd)"
^BAR(90052.03,10,1,23,0)="~W !,""Transaction number:_____""
^BAR(90052.03,11,1,13,0)="~W !?6,""DEPOSIT #: """,\$G(BARSCHEd)"
^BAR(90052.03,11,1,20,0)="~W !,""Entry by:_____"
^BAR(90052.03,13,1,13,0)="~W !?6,""DEPOSIT #: """,\$G(BARSCHEd)"

Other Modifications

Security

The following Access and Verify Codes are pre-set for the database for the initial installation:

- **User:** ADAM,ADAM
- **Access Code:** ADAM.01
- **Verify Code:** USER.001
- **User:** MANAGER,SYSTEM
- **Access Code:** SYSTEM.01
- **Verify Code:** USER.001

MailMan

The MailMan Domain Name must remain as IHS.GOV.

Appendix I. VueCentric

Medsphere VueCentric®

Copyright (c) 2004-2010 Medsphere Systems Corporation

VueCentric is a framework designed to support providers across a variety of care settings. It is used in the EHR component of the RPMS system.

Licensing

VueCentric includes software developed by Medsphere, Copyright (C) 2004-2010 Medsphere Systems Corporation. VueCentric is open source, but different pieces of VueCentric use 3rd party licensing terms. The details of all the pieces are laid out below.

Reference	Vendor	Usage	Redistribution	License Terms
1	MSC	Prod – none	Binary – none	Reference IHS contract # GS-35F-0240R; Response to SOW and Addendums for license terms.
		Dev – none	Source – none	
2	MSC	Prod – none	Binary – none	Reference IHS contract # GS-35F-0240R; Response to SOW and Addendums for license terms.
		Dev – none	Source – none	
3	Borland Software Corporation	Prod – none	Binary – none	see http://www.borland.com
		Dev – license	Source – proprietary	
4	Indian Health Service	Prod – none	Binary – none	under FOIA regulation
		Dev – none	Source – none	

Reference	Vendor	Usage	Redistribution	License Terms
5	JEDI	Prod – none	Open Source	Mozilla Public License 1.1.
		Dev – none		see http://sourceforge.net/projects/jcl
6	Indy Components	Prod – none	Open Source	Mozilla Public License 1.1
		Dev – none		see http://www.indyproject.org/
7	IDE Generated	Prod – none	Binary – none	n/a
		Dev – none	Source – n/a	
8	Larcom & Young	Prod – none	Binary – none	see http://www.lyoung.com
		Dev – license	Source – proprietary	
9	Raize Software	Prod – none	Binary – none	see http://www.raize.com
		Dev – license	Source – proprietary	
10	Dart Communications	Prod – none	Binary – none	see http://www.powertcp.com
		Dev – license	Source – proprietary	
11	Microsoft Corporation	Prod – none	Binary – none	
		Dev – none	Source – proprietary	

Reference	Vendor	Usage	Redistribution	License Terms
12	ComponentOne	Prod – none	Binary – none	
		Dev – license	Source – proprietary	see http://www.componentone.com
13	FreeVBcode.com	Prod – none	Binary – none	
		Dev – none	Source – none	see http://www.freevbcode.com/ShowCode.Asp?ID=5904
14	AuthorIT Software Corporation	Prod – none	Binary – none	n/a
		Dev – none	Source – none	
15	Adobe (Macromedia RoboHelp)	Prod – none	Prod – none	n/a
		Dev – none	Dev – none	
16	Clever Components	Prod – none	Binary – none	Purchase of the source code includes royalty free licensing.
		Dev - License	Source - proprietary	See http://www.clevercomponents.com

Collaboration

VueCentric® will be part of larger open source projects. Aspects of the design, requirements definition, development, and testing may be done in the community. Medsphere.org will be the central location for this collaborative development process.