VHA Point of Service (Kiosks) Phase II
Installation Guide
For
VPS Combined 4, 5, 3 Build 1.0

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Orientation

How to Use this Manual
This manual provides instructions on the installation of VPS Combined 4, 5, 3 Build 1.0 host file to Veterans Health Information Systems and Technology Architecture (VistA).

Intended Audience
The intended audience of this manual is the following stakeholders:
- Product Development (PD) VistA legacy development teams.
- Information Resource Management (IRM) system administrators at Department of Veterans Affairs (VA) sites who are responsible for computer management and system security on VistA M Servers.
- Information Security Officers (ISOs) at VA sites responsible for system security.
- Health Product Support (HPS) Information Technology (IT) Specialists who provide application support to VA end-users.

Legal Requirements
There are no special legal requirements involved in the use of VPS Combined 4, 5, 3 Build 1.0.

Disclaimers
This manual provides an overall explanation of VPS Combined 4, 5, 3 Build 1.0 installation. This guide does not attempt to explain how the overall VistA programming system is integrated and maintained.

⚠️ DISCLAIMER: The appearance of any external hyperlink references in this manual does not constitute endorsement by the Department of Veterans Affairs (VA) of this Website or the information, products, or services contained therein. The VA does not exercise any editorial control over the information you may find at these locations. Such links are provided and are consistent with the stated purpose of this VA Intranet Service.

Documentation Conventions
The following symbols are used throughout this document to alert the reader to special information.

⚠️ CAUTION / RECOMMENDATION / DISCLAIMER: Used to caution the reader to take special notice of critical information.

NOTE/REF: Used to denote general information including references to additional reading material.
Snapshots of computer online displays (screen captures) and computer source code are shown in non-proportional font and are enclosed within a box. User responses to displayed only prompts are **bold italic** typeface. Software reserved words are displayed in **bold** font.

References to “<Enter>” within the screen captures indicate that the user should press the <Enter> key on the keyboard. Other special keys are represented within < > angle brackets and indicate the user should press the indicated key on the keyboard. For example, <PF1> directs the user to press the PF1 key on the keyboard.

The following conventions are used to display test data:

- Social Security Numbers (SSN) for test patients are prefixed with five zero digits e.g. 000009999.
- Patient names are formatted as [Application Name]PATIENT,[N] e.g. VPSPATIENT, ONE.
- User names are formatted as [Application Name]USER[N] e.g. VPSUSER, ONE.

This guide refers to the M programming language as M. Under the 1995 American National Standards Institute (ANSI) standard, M is the primary name of the MUMPS programming language, and MUMPS is considered an alternate name.

**Commonly Used Terms**

*Table 1: Commonly used VPS Combined 4, 5, 3 Build 1.0 Terms*

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Client</td>
<td>A single term used interchangeably to refer to a user, the workstation (i.e., PC), and the portion of the program that runs on the workstation.</td>
</tr>
<tr>
<td>Component</td>
<td>A software object that contains data and code. A component may or may not be visible.</td>
</tr>
<tr>
<td>GUI</td>
<td>The Graphical User Interface application that is developed for the client workstation.</td>
</tr>
<tr>
<td>Host</td>
<td>The term Host is used interchangeably with the term Server.</td>
</tr>
<tr>
<td>Server</td>
<td>The computer where the data and the RPC Broker remote procedure calls (RPCs) reside.</td>
</tr>
</tbody>
</table>

**Technical Information Online**

Project documentation for VPS Kiosks may be found in the Technical Services Project Repository (TSPR). Other online technical information from M Server-based software file, routine and global documentation may be generated using Kernel, MailMan and VA FileMan utilities.

**Help Prompts**

There are no online help prompts provided for VPS Combined 4, 5, 3 Build 1.0.
Data Dictionary

Technical information on VistA M Server-based files and files is stored in the VA FileMan Data Dictionary. The VA FileMan List File Attributes option on the Data Dictionary Utilities submenu may be used to view the attributes of VistA M Server files.

Assumptions

This guide is written with the assumption that the reader is familiar with:

- Kernel – VistA M Server software
- Remote Procedure Call (RPC) Broker – VistA Client/Server software
- VA FileMan data structures and terminology – VistA M Server software
- Microsoft Windows
- M programming language

References

The following references support the reader’s understanding of the operation and functioning of VPS*1.0*5:

- VPS Technical Guide
- RPC Broker Release Notes
- RPC Broker Developer’s Guide
- RPC Broker Systems Management Guide
- RPC Broker TCP/IP Supplement, Patch XWB*1.1*35 and XWB*1.1*44
- RPC Broker Technical Manual
- RPC Broker User Guide
- 20090210 VHA Point-of-Service Initiative BRD
- DHCP Health Level Seven (HL7) Technical Manual, Version 1.6 (October 1995)
- Health Summary User Manual, Version 2.7 (August 2014)

These references may be downloaded from the VA Software Document Library (VDL) Website.

1 Preliminary Considerations

1.1 VistA M Server Requirements

The following minimum software tools are required on your VistA M Server in order to install and use VPS Combined 4, 5, 3 Build 1.0.
### 2 Installation

This patch is to be installed on VistA system and must be installed by the compliance date to conform to VHA Directive 2001-023.

This patch may be loaded while VA Point of Service is active.

#### 2.1 Installation Prerequisites

This patch requires patch VPS*1.0*2 to be installed before installing this patch, VPS COMBINED 4, 5, 3 1.0.

To install this patch, you will need to download the VPS_1_0_4-5-3_20150528.KID host file from a VPS FTP sites to a local storage location.

#### 2.2 Installation of KIDS Package

1. Access the Kernel Installation and Distribution System Menu [XPD MAIN]
2. Run the Installation option [XPD INSTALLATION MENU]
3. Load the KIDS file by performing the following steps:
   a. Run the Load a Distribution option [XPD LOAD DISTRIBUTION] to load the KIDS distribution.
   b. When prompted, enter the path and file name host file, VPS_1_0_4-5-3_20150528.KID downloaded from the VPS FTP server.
   c. When prompted to continue with the load, enter YES. A Distribution OK! Message will be displayed when the load is complete.
4. After loading the KIDS file, use the following options to verify the contents of the patch and to back up any affected routines.
   - Verify Checksums in Transport Global [XPD PRINT CHECKSUM] – run this option to verify the integrity of the routine in the patch.

---

**Table 2 Minimum Server Requirements VistA M Server**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PACKAGE</th>
<th>VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Operating System</td>
<td>InterSystems Caché NT and OpenVMS</td>
<td></td>
</tr>
<tr>
<td>VistA Legacy Software</td>
<td>Kernel</td>
<td>8.0</td>
</tr>
<tr>
<td></td>
<td>Kernel Toolkit</td>
<td>7.3</td>
</tr>
<tr>
<td></td>
<td>VA FileMan</td>
<td>22.0</td>
</tr>
<tr>
<td></td>
<td>RPC Broker</td>
<td>1.1</td>
</tr>
<tr>
<td></td>
<td>CPRS</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Health Summary</td>
<td>2.7</td>
</tr>
<tr>
<td></td>
<td>HL7</td>
<td>1.6</td>
</tr>
</tbody>
</table>
• Compare Transport Global to Current System [XPD COMPARE TO SYSTEM] – run this option to view all changes that will be made when the patch is installed. All components (routines, RPCs, and so on) in the patch will be compared.

• Backup a Transport Global [XPD BACKUP] – run this option to create a backup message of any routines exported with the patch. It will NOT backup any of the other changes.

5. After performing the load and any optional verification steps, perform the following steps to install the host file:
   a. Run the Install Package(s) [XPD INSTALL BUILD] option.
   b. When prompted for the install name, enter **VPS COMBINED 4,5,3 BUILD 1.0**.
   c. Answer NO to the following prompts

   | Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//NO |
   | Want KIDS to INHIBIT LOGONs during the install? NO//NO |
   | Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//NO |

   **Figure 1 Install Prompts**

2.3 Sample KIDS Installation

Select OPTION NAME: KERNEL INSTALLATION & DISTRIBUTION System

Edits and Distribution ...
Utilities ...
Installation ...
Patch Monitor Main Menu ...

Select Kernel Installation & Distribution System <TEST ACCOUNT> Option: INSTALLATION

1 Load a Distribution
2 Verify Checksums in Transport Global
3 Print Transport Global
4 Compare Transport Global to Current System
5 Backup a Transport Global
6 Install Package(s)
   Restart Install of Package(s)
   Unload a Distribution

Select Installation <TEST ACCOUNT> Option: LOAD A DISTRIBUTION
Enter a Host File: /home/cheyl118/VPS_1_0_4-5-3_20150528.KID

KIDS Distribution saved on May 28, 2015@11:17:34
Comment: Combined build contains VPS*1.0*4, VPS*1.0*5, and VPS*1.0*3 in that order.

This Distribution contains Transport Globals for the following Package(s):
   VPS COMBINED 4,5,3 BUILD 1.0
Build VPS*1.0*4 has been loaded before, here is when:
   VPS*1.0*4  Install Completed
   was loaded on Jul 18, 2014@16:55:46
   VPS*1.0*4  Install Completed
   was loaded on Jul 31, 2014@16:54:39
   VPS*1.0*4  Install Completed
   was loaded on Aug 21, 2014@13:47:48
   VPS*1.0*4  Install Completed
   was loaded on Sep 02, 2014@17:42:30
   VPS*1.0*4  Install Completed
   was loaded on Nov 03, 2014@11:20:44
OK to continue with Load? NO// YES

Build VPS*1.0*5 has been loaded before, here is when:
   VPS*1.0*5  Install Completed
   was loaded on Apr 10, 2015@15:15:50
   VPS*1.0*5  Install Completed
   was loaded on May 20, 2015@17:58:32
   VPS*1.0*5  Install Completed
   was loaded on May 26, 2015@16:31:41
   VPS*1.0*5  Install Completed
   was loaded on May 26, 2015@17:34:14
OK to continue with Load? NO// YES

Build VPS*1.0*3 has been loaded before, here is when:
   VPS*1.0*3  Install Completed
   was loaded on Feb 19, 2015@14:39:50
   VPS*1.0*3  Install Completed
OK to continue with Load? NO// YES

Distribution OK!

Want to Continue with Load? YES//

Loading Distribution...

VPS COMBINED 4,5,3 BUILD 1.0
VPS*1.0*4
VPS*1.0*5
VPS*1.0*3

Use INSTALL NAME: VPS COMBINED 4,5,3 BUILD 1.0 to install this Distribution.

1 Load a Distribution
2 Verify Checksums in Transport Global
3 Print Transport Global
4 Compare Transport Global to Current System
5 Backup a Transport Global
6 Install Package(s)
   Restart Install of Package(s)
7 Unload a Distribution
Select Installation <TEST ACCOUNT> Option: INSTALL PACKAGE(S)
Select INSTALL NAME: VPS COMBINED 4,5,3 BUILD 1.0  5/29/15@13:01:56

=> Combined build contains VPS*1.0*4, VPS*1.0*5, and VPS*1.0*3 in that or

This Distribution was loaded on May 29, 2015@13:01:56 with header of
Combined build contains VPS*1.0*4, VPS*1.0*5, and VPS*1.0*3 in that order. ;
Created on May 28, 2015@11:17:34
It consisted of the following Install(s):
VPS COMBINED 4,5,3 BUILD 1.0  VPS*1.0*4  VPS*1.0*5  VPS*1.0*3
Checking Install for Package VPS COMBINED 4,5,3 BUILD 1.0

Install Questions for VPS COMBINED 4,5,3 BUILD 1.0

Checking Install for Package VPS*1.0*4

Install Questions for VPS*1.0*4

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// NO

Checking Install for Package VPS*1.0*5

Install Questions for VPS*1.0*5

Incoming Files:

  853.1  VPS HL7 SITE PARAMETERS
  853.8  VPS CLINICAL SURVEY
  853.85 VPS QUESTIONNAIRE IDENTIFIERS
  853.875 VPS QUESTIONNAIRE NAME
  853.9  VPS APPOINTMENTS QUEUE

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package VPS*1.0*3
Install Questions for VPS*1.0*3

Incoming Files:

853  VPS CONFIG HISTORY
853.3 VPS ALLERGY DISCREPANCY INDICATORS (including data)
853.5 VPS MRAR PDO
853.7 VPS MED DISCREPANCY INDICATORS (including data)

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//
Want KIDS to INHIBIT LOGONs during the install? NO//
Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME//  HOME (CRT)
-------------------------------------------------------------

Install Started for VPS COMBINED 4,5,3 BUILD 1.0 :
    May 29, 2015@13:03:38

Build Distribution Date: May 28, 2015

Installing Routines:
    May 29, 2015@13:03:38

Install Started for VPS*1.0*4 :
    May 29, 2015@13:03:38

Build Distribution Date: May 28, 2015

Installing Routines:
    May 29, 2015@13:03:39
Installing PACKAGE COMPONENTS:

Installing REMOTE PROCEDURE

Installing OPTION

May 29, 2015@13:03:39

Updating Routine file...

Updating KIDS files...

VPS*1.0*4 Installed.

May 29, 2015@13:03:39

Not a production UCI

NO Install Message sent

Install Started for VPS*1.0*5 :

May 29, 2015@13:03:39

Build Distribution Date: May 28, 2015

Installing Routines:

May 29, 2015@13:03:39

Installing Data Dictionaries:

May 29, 2015@13:03:39

Installing PACKAGE COMPONENTS:

Installing REMOTE PROCEDURE

Installing OPTION
May 29, 2015@13:03:39

Updating Routine file...

Updating KIDS files...

VPS*1.0*5 Installed.
    May 29, 2015@13:03:39

Not a production UCI

NO Install Message sent

Install Started for VPS*1.0*3 :
    May 29, 2015@13:03:39

Build Distribution Date: May 28, 2015

Installing Routines:
    May 29, 2015@13:03:39

Running Pre-Install Routine: REMOVE^VPSDDCU

Installing Data Dictionaries:
    May 29, 2015@13:03:40

Installing Data:
    May 29, 2015@13:03:40

Installing PACKAGE COMPONENTS:

Installing REMOTE PROCEDURE

Installing OPTION
    May 29, 2015@13:03:40
Updating Routine file...

Updating KIDS files...

VPS*1.0*3 Installed.
   May 29, 2015@13:03:40

Not a production UCI

NO Install Message sent

Updating Routine file...

Updating KIDS files...

VPS COMBINED 4,5,3 BUILD 1.0 Installed.
   May 29, 2015@13:03:40

No link to PACKAGE file

NO Install Message sent

Install Completed

Messages will vary based on the UCI to which you are installing.
3 Post-Install

3.1 HL7 Pre-Configuration Requirements

IRM and VPS administrators supporting VPS HL7 messaging require the HLO security keys HLOMAIN and HLOMGR.

Before beginning the VPS configuration for HL7 messaging, obtain the HL7 receiving server information for your site from the VPS HL7 Configuration spreadsheet available at http://vaww.oed.portal.va.gov/projects/vps/Library/VetLink%205.5/VPS_HL7_Server_Information.xlsx.

Note: Test environments not implementing HL7 or HLO messaging do not need to perform the steps in this section.

3.2 Configure VPS HL7 ADT A01 Messaging

1. Using VistA FileMan, edit the VPS HL7 SITE PARAMETER file #853.1.

<table>
<thead>
<tr>
<th>Select OPTION: ENTER OR EDIT FILE ENTRIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT TO WHAT FILE: VPS HL7 SITE PARAMETERS// 853.1 VPS HL7 SITE PARAMETERS (1 entry)</td>
</tr>
<tr>
<td>EDIT WHICH FIELD: ALL// NAME</td>
</tr>
<tr>
<td>THEN EDIT FIELD: ACTIVE</td>
</tr>
<tr>
<td>THEN EDIT FIELD:</td>
</tr>
<tr>
<td>Select VPS HL7 SITE PARAMETERS NAME: VPS HL7 SITE PARAMETER</td>
</tr>
<tr>
<td>ACTIVE: Yes// Y Yes</td>
</tr>
</tbody>
</table>

2. Use ^ to return to the INPUT TO WHAT FILE: prompt.

3. Use VistA FileMan to edit the PROTOCOL file #101. Add VPS SEND APPT to SDAM APPOINTMENT EVENTS.
Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: PROTOCOL\ // 101 PROTOCOL  (6101 entries)
EDIT WHICH FIELD: ALL// NAME
THEN EDIT FIELD: ITEM TEXT
THEN EDIT FIELD: TYPE
THEN EDIT FIELD: ENTRY ACTION
THEN EDIT FIELD:

Select PROTOCOL NAME: VPS SEND APPT
Located in the VPS (VPS KIOSK) namespace.
Are you adding 'VPS SEND APPT' as a new PROTOCOL (the 6102ND)? No// Y Yes

NAME: VPS SEND APPT// <Enter>
ITEM TEXT: Send appointment status change to Vetlink HL7 Server
TYPE: action
ENTRY ACTION: D EN'VPSSEND

Select PROTOCOL NAME:

4. Exit FileMan.
5. Use the HL7 Main Menu option HLO to register the VPS HL7 sending and receiving message applications in the VistA HLO system.

Select OPTION NAME: HL7 MAIN MENU  HL MAIN MENU     HL7 Main Menu
Event monitoring menu ...
Systems Link Monitor
Filer and Link Management Options ...
Message Management Options ...
Interface Developer Options ...
Site Parameter Edit
HLO      HL7 (Optimized) MAIN MENU ...

Select HL7 Main Menu Option: HLO  HL7 (Optimized) MAIN MENU
SM     HLO SYSTEM MONITOR
MV     HLO MESSAGE VIEWER
STAT   HLO MESSAGE STATISTICS
ES     HLO ERROR STATISTICS
SE     HLO ERROR SCREENS
TS     TROUBLESHOOTING MENU ...
DM     HLO DEVELOPER MENU ...
SP     EDIT HLO SYSTEM PARAMETERS

Select HL7 (Optimized) MAIN MENU Option: DM  HLO DEVELOPER MENU
SR     ADD/EDIT SUBSCRIPTIONS
EP     SET OUTGOING QUEUE PRIORITY
AR     APPLICATION REGISTRY MENU ...

Select HLO DEVELOPER MENU Option: AR  AR APPLICATION REGISTRY MENU
STOP   INACTIVATE SENDING APPLICATION
SA     ADD/EDIT SENDING APPLICATION
RA     ADD/EDIT RECEIVING APPLICATION
RET    EDIT MESSAGE RETENTION TIME

Select APPLICATION REGISTRY MENU Option: SA  SA ADD/EDIT SENDING APPLICATION

Select HLO APPLICATION REGISTRY APPLICATION NAME: VPS SEND APPT STATUS
Are you adding 'VPS SEND APPT STATUS' as a new HLO APPLICATION REGISTRY (the 10TH)? No// Y (Yes)
APPLICATION NAME: VPS SEND APPT STATUS <ENTER>
Package File Link: HEALTH LEVEL SEVEN
Do you want to edit the setup for sequence queues? NO// N (No)
Select HLO APPLICATION REGISTRY APPLICATION NAME: <ENTER>
STOP INACTIVATE SENDING APPLICATION
SA ADD/EDIT SENDING APPLICATION
RA ADD/EDIT RECEIVING APPLICATION
RET EDIT MESSAGE RETENTION TIME

Select APPLICATION REGISTRY MENU Option: R RA ADD/EDIT RECEIVING APPLICATION

Select HLO APPLICATION REGISTRY APPLICATION NAME: VPS RECEIVE APPT STATUS
Are you adding 'VPS RECEIVE APPT STATUS' as a new HLO APPLICATION REGISTRY (the 10TH)? No// Y (Yes)
APPLICATION NAME: VPS RECEIVE APPT STATUS// <ENTER>
Package File Link: HEALTH LEVEL SEVEN HL
Do you want to edit the setup for receiving batch messages? NO// N <ENTER>
Select HL7 MESSAGE TYPE:
Do you want to edit the default action for non-specified messages types? NO// N <ENTER>
If application acknowledgments are returned, and they must go through a specific link, enter it here. This applies if an interface engine or other Middleware is used.
RETURN LINK FOR APPLICATION ACKNOWLEDGMENTS: <ENTER>

Select HLO APPLICATION REGISTRY APPLICATION NAME: <ENTER>

Exit the HL7 Main Menu option.

Use the LINK EDIT option to enter the domain name/IP address of the receiving HL7 server, provided separately. For your site receiving HL7 server domain name, see the VPS HL7 Configuration spreadsheet available at

http://vaww.oed.portal.va.gov/projects/vps/Library/VetLink%205.5/VPS_HL7_Server_Information.xlsx

Select OPTION NAME: LINK EDIT HL EDIT LOGICAL LINKS Link Edit
Select HL LOGICAL LINK NODE: VPSAPPT
Use the <TAB> key to navigate to each field and set the AUTOSTART, QUEUE SIZE, LLP TYPE, and DNS DOMAIN values as shown in the following screen capture.

<table>
<thead>
<tr>
<th>NODE: VPSAPPT</th>
<th>DESCRIPTION: Patient Appt Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTITUTION:</td>
<td></td>
</tr>
<tr>
<td>MAILMAN DOMAIN:</td>
<td>Enabled</td>
</tr>
<tr>
<td>AUTOSTART: Enabled</td>
<td>QUEUE SIZE: 10</td>
</tr>
<tr>
<td>LLP TYPE: TCP</td>
<td>DNS DOMAIN: &lt;domain-name or ip address of VetLink HL7 server&gt;</td>
</tr>
</tbody>
</table>

**Command:** Press <PF1>H for help

10 is the default queue size.
Navigate to the LLP TYPE field and press the <ENTER> key to open the Logical Link Dialog.

In the Logical Link Dialog, enter the TCP/IP ADDRESS or domain name provided separately. Enter port number 5001 for production or 5026 for test into the TCP/IP PORT (OPTIMIZED) field.

<table>
<thead>
<tr>
<th>HL7 LOGICAL LINK</th>
<th>TCP LOWER LEVEL PARAMETERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPSAPPT</td>
<td>TCP/IP SERVICE TYPE: CLIENT (SENDER)</td>
</tr>
<tr>
<td></td>
<td>TCP/IP ADDRESS: XX.XX.XXX.XXX</td>
</tr>
<tr>
<td></td>
<td>TCP/IP PORT:</td>
</tr>
<tr>
<td></td>
<td>TCP/IP PORT (OPTIMIZED): 5001</td>
</tr>
<tr>
<td>ACK TIMEOUT:</td>
<td>RE-TRANSMISSION ATTEMPTS:</td>
</tr>
<tr>
<td>READ TIMEOUT:</td>
<td>EXCEED RE-TRANSMIT ACTION:</td>
</tr>
<tr>
<td>BLOCK SIZE:</td>
<td>SAY HELLO:</td>
</tr>
<tr>
<td>STARTUP NODE:</td>
<td>TCP/IP OPENFAIL TIMEOUT:</td>
</tr>
<tr>
<td>RETENTION:</td>
<td>PERSISTENT:</td>
</tr>
<tr>
<td></td>
<td>UNI-DIRECTIONAL WAIT:</td>
</tr>
<tr>
<td>COMMAND:</td>
<td>Press &lt;PF1&gt;H for help</td>
</tr>
</tbody>
</table>

When you have entered the required configuration values, use the tab key to navigate to the COMMAND field.

Enter **Save** and press the <ENTER> key to exit.

Navigating to the COMMAND field and enter **Exit** and press the <ENTER> key.

**Note:** On exit you will receive the message, “If you shut down this link to edit, please remember to restart if appropriate”

**Note:** The HLO ports are 5001 for production accounts and 5026 for test accounts. These ports are the default HLO assignments and are automatically established by HLO.

After configuring the VPSAPPT link, use the HL7 Main Menu, HLO option to verify communication/connectivity between the sending and receiving HL7 applications. An example showing how to test HL7 sender and receiver connectivity is shown in the following example.
Select OPTION NAME: HL7 MAIN MENU  HL MAIN MENU  HL7 Main Menu

Event monitoring menu ...  
Systems Link Monitor  
Filer and Link Management Options ...  
Message Management Options ...  
Interface Developer Options ...  
Site Parameter Edit  
HL0  HL7 (Optimized) MAIN MENU ...

Select HL7 Main Menu Option: HL0  HL7 (Optimized) MAIN MENU

SM  HLO SYSTEM MONITOR  
MV  HLO MESSAGE VIEWER  
STAT  HLO MESSAGE STATISTICS  
ES  HLO ERROR STATISTICS  
SE  HLO EDIT ERROR SCREENS  
TS  TROUBLESHOOTING MENU ...  
DM  HLO DEVELOPER MENU ...  
SP  EDIT HLO SYSTEM PARAMETERS

Select HL7 (Optimized) MAIN MENU Option: SM

**HLO SYSTEM MONITOR**  Feb 23, 2015@14:15  Page: 1 of 1

Brief Operational Overview

SYSTEM STATUS:  RUNNING  
PROCESS MANAGER:  RUNNING  
STANDARD LISTENER:  RUNNING  
TASKMAN:  RUNNING  
DOWN LINKS:  
CLIENT LINK PROCESSES:  2  
IN-FILER PROCESSES:  2  
MESSAGES PENDING ON OUT QUEUES:  0  ON SEQUENCE QUEUES:  0  
STOPPED OUTGOING QUEUES:  
MESSAGES PENDING ON APPLICATIONS:  0  
STOPPED INCOMING QUEUES:  VPS  
FILE 777 RECORD COUNT:  0  --> as of Feb 22, 2015@16:41:57  
FILE 778 RECORD COUNT:  0  --> as of Feb 22, 2015@16:41:57  
MESSAGES SENT TODAY:  5  
MESSAGES RECEIVED TODAY:  0  
MESSAGE ERRORS TODAY:  0  

Brief System Status

LP  LIST PROCESSES  BS  BRIEF STATUS  TL  TEST TCP LINK  
DL  DOWN LINKS  ML  MONITOR LINK  RT  RealTime MODE  
OQ  OUTGOING QUEUES  STOP HLO  SEQ  SEQUENCE QUEUES  
IQ  INCOMING QUEUES  START HLO  SQ  START/STOP QUEUE

Select Action: Quit// 

Enter TL at the Select Action: prompt.

Select a TCP link: **VPSAPPT**

PORT:  (1-65535): 5001// <ENTER>  
Testing....  
**VPSAPPT:5001 IS operational...**  
Hit any key to continue...  

Site HLO port number may differ from the port number, 5001 shown in the example
If you do not receive the “VPSAPPT: 5001 IS operational…” message, please verify that the DNS Domain, TCP/IP Address and Port number of the VetLink receiving HL7 server have been enter correctly in the HL LOGICAL LINK file.

1. Use a FileMan Inquiry to the HL LOGICAL LINK file #870 and verify the LLP TYPE, DNS DOMAIN, TCP/IP ADDRESS, TCP/IP PORT (OPTIMIZED), and TCP/IP SERVICE TYPE. The VPSAPPT should appear as follows, with the DNS DOMAIN, and TCP/IP Address replaced with the VetLink information provided separately.

NODE: VPSAPPT
STATE: Shutdown
LLP TYPE: TCP
AUTOSTART: Enabled
DNS DOMAIN: XX.XXX.XXX.XXX
TIME STOPPED: FEB 23, 2015@13:47:15
SHUTDOWN LLP ?: YES
QUEUE SIZE: 10
TCP/IP ADDRESS: XX.XXX.XXX.XXX
TCP/IP PORT (OPTIMIZED): 5001
TCP/IP SERVICE TYPE: CLIENT (SENDER)

2. If the VPSAPPT entry in the HL LOGICAL LINK file #870 is not correct, use the LINK EDIT option to make any necessary corrections.

3. Repeat the connectivity test in the HLO System Monitor.

If the VPSAPPT entry in the HL LOGICAL LINK file #870 is correct and the link test continues to report 5001 as NOT OPERATIONAL take the following actions.

1. Contact qckiosksupport@vecna.com and include your site name and the information in the HL LOGICAL LINK file. If necessary, escalate to VPS@VA.GOV.

If the HL LOGICAL LINK information is confirmed to be correct, contact your Network Support Group.

1. Request that the Network Support group for your site allow IP addresses associated with any VistA system that might run TaskMan (including failover) be allowed to transmit to the TCP/IP ADDRESS/domain name associated with VPSAPPT at your site’s HL7 port (default HLO port 5001 for production or 5026 for test) and that the TCP/IP ADDRESS/domain name associated with VPSAPPT at your site’s HLO port can send to any VistA port. National Service Desk contact information may be found at https://vaww.aac.va.gov/servicedesk/

When the VPSAPPT HL Logical Link port (<your site's HLO port>) is operational, complete the VPS HL7 Logical Link configuration by starting the VPSAPPT outgoing HL Logical Link.

1. Do a FileMan inquiry to the PROTOCOL FILE #101 and verify that VPS SEND APPT is listed in the SDAM APPOINTMENT EVENTS entry in the PROTOCOL FILE #101.

2. Do a Fileman inquiry to the VPS HL7 SITE PARAMETERS file #853.1 and verify that the ACTIVE field is set to YES.

To start the HL Logical Link, use the HL7 Main Menu and select the SM HLO System Monitor option as shown in the following example.
**HLO SYSTEM MONITOR**

Feb 23, 2015@14:19:27    Page: 1 of 1

**Brief Operational Overview**

| SYSTEM STATUS:   | RUNNING           |
| PROCESS MANAGER: | RUNNING           |
| STANDARD LISTENER: | RUNNING       |
| TASKMAN:        | RUNNING           |

**DOWN LINKS:**

| CLIENT LINK PROCESSES: | 2 |
| IN-FILER PROCESSES:   | 2 |

MESSAGES PENDING ON OUT QUEUES: 0 ON SEQUENCE QUEUES: 0
STOPPED OUTGOING QUEUES: VPSSEND10957
MESSAGES PENDING ON APPLICATIONS: 0
STOPPED INCOMING QUEUES: VPS
FILE 777 RECORD COUNT: 0 --> as of Feb 22, 2015@16:41:57
FILE 778 RECORD COUNT: 0 --> as of Feb 22, 2015@16:41:57
MESSAGES SENT TODAY: 5
MESSAGES RECEIVED TODAY: 0
MESSAGE ERRORS TODAY: 0

**Brief System Status**

- LP LIST PROCESSES
- BS BRIEF STATUS
- TL TEST TCP LINK
- DL DOWN LINKS
- ML MONITOR LINK
- RT RealTime MODE
- OQ OUTGOING QUEUES
- STOP HLO
- SEQ SEQUENCE QUEUES
- IQ INCOMING QUEUES
- START HLO
- SQ START/STOP QUEUE

Select Action: Quit/

Enter **DL** at the Select Action: prompt

---

**Down HLO Links**

Feb 23, 2015@14:20:17    Page: 0 of 0

<table>
<thead>
<tr>
<th>Pending Messages</th>
<th>Date/Time Down</th>
</tr>
</thead>
</table>

Enter **RL** at the Select Action: prompt and **VPSAPPT** at the Select a TCP Client Link:

---

**Down Client Links**

<table>
<thead>
<tr>
<th>SL SHUTDOWN LINK</th>
<th>RL RESTART LINK</th>
</tr>
</thead>
</table>

Select Action: Quit/

Select a TCP Client Link (Outgoing): **VPSAPPT**

---

Once the HL Logical Link, VPSAPPT, has been started, please send an email to [VPS@VA.GOV](mailto:VPS@VA.GOV) with **SUBJECT: ASI HL7 Link** and include in the body of the message the **Site Name** for which the HL7 link has been started. This will serve as notification to the VPS implementation team to validate HL7 messaging at the receiving server.
3.3 Configure Clinical Survey Health Summary (HS) Report

Create an Ad Hoc HS report as shown in the following screen capture, using the HEALTH SUMMARY MAINTENANCE MENU (GMTS IRM/ADPAC MAINT MENU).

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Disable/Enable Health Summary Component</td>
</tr>
<tr>
<td>2</td>
<td>Create/Modify Health Summary Components</td>
</tr>
<tr>
<td>3</td>
<td>Edit Ad Hoc Health Summary Type</td>
</tr>
<tr>
<td>4</td>
<td>Rebuild Ad Hoc Health Summary Type</td>
</tr>
<tr>
<td>5</td>
<td>Resequence a Health Summary Type</td>
</tr>
<tr>
<td>6</td>
<td>Create/Modify Health Summary Type</td>
</tr>
<tr>
<td>7</td>
<td>Edit Health Summary Site Parameters</td>
</tr>
<tr>
<td>8</td>
<td>Health Summary Objects Menu</td>
</tr>
<tr>
<td>9</td>
<td>CPRS Reports Tab 'Health Summary Types List' Menu</td>
</tr>
<tr>
<td>10</td>
<td>CPRS Health Summary Display/Edit Site Defaults</td>
</tr>
</tbody>
</table>

Select option 2 Create/Modify Health Summary Components.

Select Health Summary Maintenance Menu <TEST ACCOUNT> Option: 2 Create/Modify Health Summary Components

Select COMPONENT: CSQ HS TYPE

Are you adding 'CSQ HS TYPE' as a new HEALTH SUMMARY COMPONENT? No//YES (Yes)

Do you wish to duplicate an existing COMPONENT? YES//NO

NAME: CSQ HS TYPE/

PRINT ROUTINE: HS;VPSSRVY3

ABBREVIATION: CSQ

DESCRIPTION: No existing text

Edit? NO

TIME LIMITS APPLICABLE: YES yes

MAXIMUM OCCURRENCES APPLICABLE: YES yes

HOSPITAL LOCATION APPLICABLE:

ICD TEXT APPLICABLE:

PROVIDER NARRATIVE APPLICABLE:

SELECT FILE:

Select SELECTION FILE: VPS

1 VPS CLINICAL SURVEY

2 VPS QUESTIONNAIRE IDENTIFIERS

3 VPS QUESTIONNAIRE NAME

CHOOSE 1-2: 3 VPS QUESTIONNAIRE NAME

Are you adding 'VPS QUESTIONNAIRE NAME' as a new SELECTION FILE (the 1ST for this HEALTH SUMMARY COMPONENT)? No//YES (Yes)

SELECTION COUNT LIMIT: 3

Do you wish to review the Summary Type structure before continuing? NO//YES

HEALTH SUMMARY TYPE INQUIRY

Type Name: GMTS HS ADHOC OPTION
Title: Ad Hoc Health Summary Type
Owner: POSTMASTER

SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes

SUPPRESS SENSITIVE PRINT DATA: yes
<table>
<thead>
<tr>
<th>Abb</th>
<th>Ord</th>
<th>Component Name</th>
<th>Occ</th>
<th>Time</th>
<th>Loc</th>
<th>Text</th>
<th>Nar</th>
<th>Mod</th>
<th>Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
<td>ACTIVE MEDS RECONCIL</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLA</td>
<td>15</td>
<td>Active Problems</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD</td>
<td>25</td>
<td>Advance Directive</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BADR</td>
<td>35</td>
<td>Brief Adv React/All</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR</td>
<td>45</td>
<td>Adv React/Allerg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSO2</td>
<td>55</td>
<td>Active/Pending/Expir</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCMA</td>
<td>65</td>
<td>BCMA MED HISTORY</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCL</td>
<td>75</td>
<td>BCMA MED LOG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCMS</td>
<td>85</td>
<td>BCMA Specific Drug L</td>
<td>10</td>
<td>1Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMI</td>
<td>95</td>
<td>Braden Scale</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRF1</td>
<td>105</td>
<td>CAT I PT RECORD FLAG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* = Disabled Components

There may be multiple pages of HS components.

Select COMPONENT: CSQ HS TYPE

SUMMARY ORDER: 1345

OCCURRENCE LIMIT: 5
TIME LIMIT: 1Y
HEADER NAME:

No selection items chosen.

Select new items one at a time in the sequence you want them displayed. You may select up to 1 items.

Select SELECTION ITEM:
Please hold on while I resequence the summary order............................
................................................................................

>>> Returning to Create/Modify Health Summary Component Option.

Select COMPONENT: CSQ HS CALC TYPE

Are you adding 'CSQ HS CALC TYPE' as
a new HEALTH SUMMARY COMPONENT? No// YES (Yes)

HEALTH SUMMARY COMPONENT NUMBER: 442030

Do you wish to duplicate an existing COMPONENT? YES// NO

NAME: CSQ HS CALC TYPE

PRINT ROUTINE: HSCAL;VPSSRVY3

ABBREVIATION: CSQ

DESCRIPTION:
No existing text
Edit? NO//

TIME LIMITS APPLICABLE: YES yes
MAXIMUM OCCURRENCES APPLICABLE: YES yes
HOSPITAL LOCATION APPLICABLE:
ICD TEXT APPLICABLE:
PROVIDER NARRATIVE APPLICABLE:
LOCK:

DEFAULT HEADER NAME:

The Site SUMMARY ORDER value may differ from the example shown.

Your HEALTH SUMMARY COMPONENT NUMBER may differ from the example shown.
Select SELECTION FILE: VPS

1  VPS CLINICAL SURVEY
2  VPS QUESTIONNAIRE IDENTIFIERS
3  VPS QUESTIONNAIRE NAME

CHOOSE 1-2: 3  VPS QUESTIONNAIRE NAME

Are you adding 'VPS QUESTIONNAIRE NAME' as

a new SELECTION FILE (the 1ST for this HEALTH SUMMARY COMPONENT)? No// YES
(Yes)

SELECTION COUNT LIMIT: 3

Select SELECTION FILE:

ADD new Component to the AD HOC Health Summary? NO// YES

>>> EDITING the GMTS HS ADHOC OPTION Health Summary Type

SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes/

Do you wish to review the Summary Type structure before continuing? NO// YES

    HEALTH SUMMARY TYPE INQUIRY

    Type Name:  GMTS HS ADHOC OPTION
    Title:  Ad Hoc Health Summary Type
    Owner:  POSTMASTER  LOCK:  GMTSMGR

    SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:  YES
    SUPPRESS SENSITIVE PRINT DATA:

Abb  Ord  Component Name  Occ  Time  Loc  Text  Nar  Mod  Selection
------------------------------------------------------------------------------
 5       ACTIVE MEDS RECONCIL
PLA  10      Active Problems
CD   15      Advance Directive
BADR 25      Brief Adv React/All
ADR  35      Adv React/Allerg
PSO2 45      Active/Pending/Expir
BCMA  55      BCMA MED HISTORY  10
BCML  65      BCMA MED LOG
BCMS  75      BCMA Specific Drug L
85     BMI
95     Braden Scale  10  1Y
PRF1 105     CAT I PT RECORD FLAG

* = Disabled Components

There may be multiple pages of HS components.
Select COMPONENT: CSQ HS CALC TYPE// CSQ
SUMMARY ORDER: 1350// 1350
OCCURRENCE LIMIT: 5
TIME LIMIT: 1Y
HEADER NAME:

No selection items chosen.

Select new items one at a time in the sequence you want them displayed.
You may select up to 1 items.

Select SELECTION ITEM:
Please hold on while I resequence the summary order............................
..........................................................................
.........................

>>> Returning to Create/Modify Health Summary Component Option.

Select COMPONENT:

Press RETURN to continue.
Exit the HEALTH SUMMARY MAINTENANCE MENU.

3.4 Configure Default Clinical Survey Questionnaire Patient Data Object

Create a VPS Clinical Survey Questionnaire Patient Data Object (PDO) using the TIU Maintenance Menu Option.

Select TIU Maintenance Menu Option: 2 Document Definitions (Manager)

--- Manager Document Definition Menu ---
1 Edit Document Definitions
2 Sort Document Definitions
3 Create Document Definitions
4 Create Objects

Select Document Definitions (Manager) Option: 4 Create Objects

START WITH OBJECT: FIRST// <Enter>..........................
.........................................................................
.........................................................................

Objects Nov 17, 2014@14:49:55 Page:16 of 16 Status
1 A1C HGB
Define the VPS CSQ Object method(s)

Objects | Nov 17, 2014@14:49:55 | Page:16 of 16 Status

215  VPS CSQ PDO

217  ZOSTER VACCINE DATE

Select Action: Quit/ DET=215

Delete the Clinical Coordinator value and enter Yourlastname,Firstname to take ownership of the object. You must own the object to edit object values.

Your Object number may differ from 215 as show in the example.
Create an Ad Hoc Health Summary (HS) report as shown in the following screen capture, using the HEALTH SUMMARY MAINTENANCE (GMTS IRM/ADPAC MAINT MENU) menu.

Select option 2 Create/Modify Health Summary Components.

Select Health Summary Maintenance Menu <TEST ACCOUNT> Option: 2 Create/Modify Health Summary Components

Select COMPONENT: VPS MRAR PDO
Are you adding ‘VPS MRAR PDO’ as a new HEALTH SUMMARY COMPONENT? No// YES (Yes)
HEALTH SUMMARY COMPONENT NUMBER: 442031// <ENTER>
Do you wish to duplicate an existing COMPONENT? YES// NO
NAME: VPS MRAR PDO// <ENTER>

3.5 MRAR X Report Definition

Create an Ad Hoc Health Summary (HS) report as shown in the following screen capture, using the HEALTH SUMMARY MAINTENANCE (GMTS IRM/ADPAC MAINT MENU) menu.
PRINT ROUTINE: HS;VPSPDO1
ABBREVIATION: MRAR
DESCRIPTION: No existing text
Edit? NO/<ENTER>
TIME LIMITS APPLICABLE: YES yes
MAXIMUM OCCURRENCES APPLICABLE: YES yes
HOSPITAL LOCATION APPLICABLE:
ICD TEXT APPLICABLE: <ENTER>
PROVIDER NARRATIVE APPLICABLE:
LOCK: <ENTER>
DEFAULT HEADER NAME:
Select SELECTION FILE: <ENTER>

ADD new Component to the AD HOC Health Summary? NO// YES

>>> EDITING the GMTS HS ADHOC OPTION Health Summary Type
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: no// YES yes

Do you wish to review the Summary Type structure before continuing? NO// YES
HEALTH SUMMARY TYPE INQUIRY

Type Name: GMTS HS ADHOC OPTION
Title: Ad Hoc Health Summary Type
Owner: POSTMASTER LOCK: GMTSMGR
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes
SUPPRESS SENSITIVE PRINT DATA:

Max       Hos  ICD   Pro  CPT
Abb   Ord    Component Name        Occ  Time  Loc  Text  Nar  Mod  Selection
------------------------------------------------------------------------------
5       ACTIVE MEDS RECONCIL
PLA   10      Active Problems
CD    15      Advance Directive
BADR  25      Brief Adv React/All
ADR   35      Adv React/Allerg
PSO2  45      Active/Pending/Expir
BCMA  55      BCMA MED HISTORY     10
BCML  65      BCMA MED LOG
BCMS  75      BCMA Specific Drug L
85      BMI
95      Braden Scale         10   1Y
PRF1  105     CAT I PT RECORD FLAG

* = Disabled Components

There may be multiple pages of HS components.

Select COMPONENT: VPS MRAR PDO// CSQ
SUMMARY ORDER: 1355// 1355
OCCURRENCE LIMIT: 5
TIME LIMIT: 7D
HEADER NAME: <ENTER>

Select SELECTION ITEM: <ENTER>
Please hold on while I resequence the summary order............................
.............................................................
............................

>>> Returning to Create/Modify Health Summary Component Option.<ENTER>

Press the <ENTER> key until you exit the menu.

3.6 Create MRAR TIU PDO Object

Select TIU Maintenance Menu Option: 2 Document Definitions (Manager)
--- Manager Document Definition Menu ---
1  Edit Document Definitions
2  Sort Document Definitions
3  Create Document Definitions
4  Create Objects

Select Document Definitions (Manager) Option: 4 Create Objects

START WITH OBJECT: FIRST// <Enter>........................................
<table>
<thead>
<tr>
<th>Objects</th>
<th>Nov 17, 2014@14:42:07</th>
<th>Page: 1 of 16</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Status</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1   A1C HGB</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>2   A1C LAST</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>3   ABD CAT SCAN</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>4   ABG</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>5   ACTIVE MEDICATIONS</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>6   ACTIVE MEDS COMBINED</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>7   ACTIVE PROBLEM</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>8   ACTIVE/PENDING/EXPIRED MEDICATIONS</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>9   ACTIVE/PENDING/EXPIRING MEDICATIONS (W/O SUPPLIES)</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>10  ADMISSIONS PAST YR</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>11  ALBUMIN</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>12  ALBUMIN TIU OBJECT</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>13  ALLERGIES WITH DETAIL</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>14  Create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+   ?Help &gt;ScrollRight PS/PL PrintScrn/List +/- &gt;&gt;&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Find Detailed Display/Edit Copy/Move</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change View Try Quit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create Owner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select Action: Next Screen// CREATE Create</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Enter the Name of a new Object: VPS MRAR PDO

CLASS OWNER: CLINICAL COORDINATOR// @
PERSONAL OWNER: <your name>
Entry added

Delete the Clinical Coordinator value and enter Yourlastname, Firstname to take ownership of the object. You must own the object to edit object values.
Define the VPS MRAR PDO Object method(s)

<table>
<thead>
<tr>
<th>Object Number</th>
<th>Name</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>216</td>
<td>VPS MRAR PDO</td>
<td>A</td>
</tr>
<tr>
<td>217</td>
<td>ZOSTER VACCINE DATE</td>
<td>A</td>
</tr>
</tbody>
</table>

Object Number may differ from the number shown in the example.

IFN value may differ from the IFN value shown in the example.

In the Object Method, enter the VPS MRAR PDO data routine shown in bold.

```
S X=$$TIU^VPSPDO1(DFN,"^TMP("VPSPDO1"",$J")
```
Exit the TIU Maintenance Option.

Please see the VPS Technical Guide for instructions on using the VPS CSQ PDO objects or viewing VPS CSQ Health Summary Ad Hoc reports.
Activate the VPS CSQ PDO

To activate the CSQ PDO, press the <ENTER> Key to return to the Detailed Display screen, and enter Basics at the Select Action prompt.

```
<table>
<thead>
<tr>
<th>Detailed Display</th>
<th>Feb 26, 2015@16:45</th>
<th>Page: 1 of 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPS CSQ PDO</td>
<td>Basics</td>
<td></td>
</tr>
<tr>
<td>Basics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name: VPS CSQ PDO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VHA Enterprise</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Title:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abbreviation:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Print Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type: OBJECT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IFN: 94</td>
<td></td>
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<tr>
<td>National Standard: NO</td>
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<tr>
<td>Status: INACTIVE</td>
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<tr>
<td>Owner: WHELESS, CAROLYN</td>
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</tbody>
</table>

Technical Fields
Object Method: S X=$$GETRPT`VPSSRVY3(DFN,"^TMP("VPSSRVY3",",$J")|
+   |? Help    | Next, Previous Screen | PS/PL |
| Basics   | Try       | Delete              |
| Technical Fields | Find | Quit               |

Select Action: Next Screen//B Basics
NAME: VPS CSQ PDO//
ABBREVIATION: PRINT NAME: VPS CSQ PDO//
PERSONAL OWNER: CLINICAL COORDINATOR//<your name>
```

Press the <ENTER> key and enter ACTIVE in the STATUS field as shown. Quit the TIU Maintenance menu.

Please see the VPS 1*5 Technical Guide for instructions on using the VPS CSQ PDO objects or viewing VPS CSQ Health Summary Ad Hoc reports.