VHA Point of Service (Kiosks) Phase II
Technical Manual
For
Enhancement VPS 1*4

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Orientation

How to Use this Manual

This manual provides instructions on the use of VPS 1*4 remote procedure calls (RPC) to access Veterans Health Information Systems and Technology Architecture (VistA) as a data source for VHA Point of Service (Kiosks).

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 1*4 RPCs.

Disclaimers

This manual provides an overall explanation of VPS 1*4 functionality. 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.

ℹ️ **NOTE/REF:** Used to denote general information including references to additional reading material.

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

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 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 1*4 Terms

Term	Description
Client	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.
Component	A software object that contains data and code. A component may or may not be visible.
GUI	The Graphical User Interface application that is developed for the client workstation.
Host	The term Host is used interchangeably with the term Server.
Server	The computer where the data and the RPC Broker remote procedure calls (RPCs) reside.

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 1*4.

Data Dictionary

Technical information on VistA M Server-based 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*4:

- *VPS 104 Technical Manual (this 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*
- *Veteran's Point of Service (VPS) FY14 OIT PD BRD, Version 2.0 (May 2014)*
- *20090210 VHA Point-of-Service Initiative BRD*
- *Clinical Reminders Version 2.0 PXRM*2.0*4 Technical Manual, (October 2006)*
- *Patient Information Management Systems (PIMS) Patient Registration, Admission, Discharge, Transfer, And Appointment Scheduling Technical Manual, (November 2013)*

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

1 Introduction

The *VPS 1*4 Technical Manual* provides descriptive information and instruction on the use of VPS 1*4 Remote Procedure Calls (RPCs) within VA's Veterans Health Information Systems and Technology Architecture (VistA) environment. This document is intended for systems managers—Information Resource Management (IRM) personnel who are responsible for implementing and maintaining this software, application programmers, and developers. It acquaints system managers with the software structure and functionality of the VPS RPC routines and files that comprise this software.

1.1 Product Overview

VPS 1*4 provides RPCs that extends VetLink integration with multiple VistA packages, and increases the data extracted from the facilities' patient-related files. The RPCs either extract data from associated

VistA files or enhance the output and initiate print jobs through established VistA and/or VetLink mechanisms. VistA patch VPS 1*4 focuses on the following four (4) functional areas:

1. **Clinical Reminders Integrating Kiosks (CRIK) (Phase 1):** VPS 1*4 integrates clinical reminders into Kiosk/VetLink. VPS 1*4 retrieves system level National Clinical Reminders from associated VistA files for presentation to clinic staff through the staff-facing Kiosk client.

2. **VPS Enhanced Get Patient Demographic:** VPS 1*4 expands the patient data provided to VetLink to include patient safety and behavioral flags, laboratory orders, consult requests, eligibility history and expanded demographic data.

3. **Specimen/Wristband Label (VistA Printing Phase 2):** VPS 1*4 integrates VistA printing capabilities into VetLink. VPS 1*4 RPCs accept wristband patient information and patient specimen label information from VetLink and create VistA print jobs directed to clinic network printers.

1.2 Namespace Conventions

VPS is the namespace assigned to VPS 1*4.

2 Implementation and Maintenance

The *VPS 1*4 Installation Manual* provides detailed information regarding the installation of VPS*1.0*4.

2.1 Site Parameters

No site specific parameters are provided or required for VPS 1*4.

2.2 Site Printer Configuration

Printers used to print patient labels and wristbands are required to be configured as network printers. Sites should perform the following steps to verify and/or modify the label and wristband printer configurations for label and wristband printers to be used by VPS.

To configure the label and/or wristband printers for VPS use WRITE access to DEVICE file #3.5 is required. If you do not have WRITE access to this file, please contact your local IRM to request the needed DEVICE file edits.

1. At the EVE menu, and select FM   VA FileMan option

```
        CORE APPLICATIONS ...
         DEVICE MANAGEMENT ...
   FM    VA FILEMAN ...
         MANAGE MAILMAN ...
            .
            .
            .
         CAPACITY PLANNING ...


     SELECT SYSTEMS MANAGER MENU <TEST ACCOUNT> OPTION:FM

              VA FILEMAN VERSION 22.0


         ENTER OR EDIT FILE ENTRIES
         PRINT FILE ENTRIES
         SEARCH FILE ENTRIES
         MODIFY FILE ATTRIBUTES
         INQUIRE TO FILE ENTRIES
         UTILITY FUNCTIONS ...
         DATA DICTIONARY UTILITIES ...
         TRANSFER ENTRIES
                OTHER OPTIONS ...

     SELECT VA FILEMAN <TEST ACCOUNT> OPTION:
```

2. Select Inquire to File Entries option:

```
   SELECT VA FILEMAN <TEST ACCOUNT> OPTION: INQUIRE TO FILE ENTRIES
```

3. ENTER DEVICE FILE AT THE OUTPUT FROM WHAT FILE: PROMPT

```
   OUTPUT FROM WHAT FILE: REMOTE PROCEDURE// DEVICE

   OUTPUT FROM WHAT FILE: REMOTE PROCEDURE// 3.5  DEVICE  (420 ENTRIES)
   SELECT DEVICE NAME:
```

4. ENTER THE NAME OF THE LABEL PRINTER OR WRISTBAND PRINTER YOU THAT MAY NEED TO
   BE CONFIGURED AT THE SELECT DEVICE NAME PROMPT. THIS SHOULD BE THE NAME OF A
   PRINTER THAT HAS BEEN SETUP AND IS IN USE AT YOUR FACILITY. THESE INSTRUCTIONS
   ARE NOT INTENDED FOR CONFIGURING A ⎕NEW⎕ PRINTER NOT CURRENTLY IN SERVICE.

```
   SELECT DEVICE NAME: ZZ$CWPRT   REPLACE WITH YOUR LABEL PRINTER NAME OR
                                       WRISTBAND PRINTER NAME
   ANOTHER ONE:
   STANDARD CAPTIONED OUTPUT? YES// <ENTER>
   INCLUDE COMPUTED FIELDS:  (N/Y/R/B): NO// B
   DISPLAY AUDIT TRAIL? NO//   NO   <ENTER>


   NUMBER: 1160                        NAME: ZZ$CWPRT
     $I: |TCP|REDACTED                   ASK DEVICE: NO
     ASK PARAMETERS: NO                SIGN-ON/SYSTEM DEVICE: NO
     LOCATION OF TERMINAL: /TMP        ASK HOST FILE: NO
```

If the $I parameter contains |TCP|REDACTED as shown in step 4 in the example above, no further configuration is required and you may exit FileMan.

If the $I parameter does not contain |TCP|REDACTED, then modify the $I, TYPE, OPEN PARAMETERS, and QUEUING fields for the device (label or wristband printer using the FileMan Edit Option (example shown in section 2.2.1) or the EVE Device Management Option (example shown in section 2.2.2).

2.2.1 Device File Edits using FileMan

At the EVE menu, and select FM   VA FileMan option

```
        CORE APPLICATIONS ...
         DEVICE MANAGEMENT ...
   FM    VA FILEMAN ...
         MANAGE MAILMAN ...
          .
          .
         CAPACITY PLANNING ...

     SELECT SYSTEMS MANAGER MENU <TEST ACCOUNT> OPTION:FM


               VA FILEMAN VERSION 22.0


         ENTER OR EDIT FILE ENTRIES
         PRINT FILE ENTRIES
         SEARCH FILE ENTRIES
         MODIFY FILE ATTRIBUTES
         INQUIRE TO FILE ENTRIES
         UTILITY FUNCTIONS ...
         DATA DICTIONARY UTILITIES ...
         TRANSFER ENTRIES
               OTHER OPTIONS ...

     SELECT VA FILEMAN <TEST ACCOUNT> OPTION: ENTER OR EDIT FILE ENTRIES



     INPUT TO WHAT FILE: DEVICE//<ENTER>
     EDIT WHICH FIELD: ALL// $I
     THEN EDIT FIELD:TYPE
         1    TYPE
         2    TYPE-AHEAD
     CHOOSE 1-2: 1
     THEN EDIT FIELD: QUEUING
     THEN EDIT FIELD: OPEN PARAMETERS
     THEN EDIT FIELD: <ENTER>
```

> You will edit the values of the **$I, TYPE, QUEUING, OPEN PARAMETERS B** fields in the DEVICE file for the printer that VPS will use to print patient labels or wristbands.

```
     SELECT DEVICE NAME: ZZ$CWPRT        /TMP      /TMP/OUTPUT.TXT
               $I: /TMP/OUTPUT.TXT//|TCP|REDACTED

     TYPE: HOST FILE SERVER// NETWORK CHANNEL
     QUEUING: 0  ALLOWED
          OPEN PARAMETERS: "WNS"//(□<PRINTER IP
          ADDRESS>□:REDACTED:□ACS□::512:512)
```

2.2.2 Device File Edits using Device Management Option

Device File Edits using device management option

From the EVE menu select the Device Management Option

```
    CORE APPLICATIONS ...
            DEVICE MANAGEMENT ...
      FM    VA FILEMAN ...
            MANAGE MAILMAN ...
            MENU MANAGEMENT ...
            PROGRAMMER OPTIONS ...
            OPERATIONS MANAGEMENT ...
            SPOOL MANAGEMENT ...
            INFORMATION SECURITY OFFICER MENU ...
            TASKMAN MANAGEMENT ...
            USER MANAGEMENT ...
      HL7   HL7 MAIN MENU ...
      VDEF  VDEF CONFIGURATION AND STATUS ...
            APPLICATION UTILITIES ...
            CAPACITY PLANNING ...
            FILEMAN ACCESS FOR THE OIG ...


   SELECT SYSTEMS MANAGER MENU <TEST ACCOUNT> OPTION: DEVICE MANAGEMENT


            CHANGE DEVICE'S TERMINAL TYPE
            DEVICE EDIT
            TERMINAL TYPE EDIT
            DISPLAY DEVICE DATA
            LIST TERMINAL TYPES
            CLEAR TERMINAL
            LOOPBACK TEST OF DEVICE PORT
            SEND TEST PATTERN TO TERMINAL
            OUT OF SERVICE SET/CLEAR
            CLEAR ALL RESOURCES
            CLEAR ONE RESOURCE
            CURRENT LINE/PORT ADDRESS
            DA RETURN CODE EDIT
            DEVICE EDIT ...
            EDIT LINE/PORT ADDRESSES
            LINE/PORT ADDRESS REPORT


   SELECT DEVICE MANAGEMENT <TEST ACCOUNT> OPTION: DEVICE EDIT


   PQ     PRINT QUEUE EDIT
     ALL    EDIT ALL DEVICE FIELDS
     HFS    HOST FILE SERVER DEVICE EDIT
     RES    RESOURCE DEVICE EDIT
     SPL    SPOOL DEVICE EDIT
     TRM    TRM OR VTRM DEVICE EDIT
```

Device File Edits using device management option

```
    SELECT DEVICE EDIT <TEST ACCOUNT> OPTION: ALL  EDIT ALL DEVICE FIELDS

    SELECT DEVICE NAME: WRISTBANDER      EMERGENCY ROOM WRISTBAND PRT
    NLA0:
    NAME: WRISTBANDER// <ENTER>
    LOCATION OF TERMINAL: EMER RM WRISTBAND PRT
             REPLACE <ENTER>
    SELECT MNEMONIC: <ENTER>
    LOCAL SYNONYM: <ENTER>
    PURGE OLD PRINT QUEUE FILES: <ENTER>
    $I: NLA0:// |TCP|REDACTED
    VOLUME SET(CPU): <ENTER>
    SIGN-ON/SYSTEM DEVICE: <ENTER>
    TYPE: HOST FILE SERVER// NETWORK CHANNEL
    SUBTYPE: P-ZEBRA// <ENTER>
    ASK DEVICE: <ENTER>
    ASK PARAMETERS: <ENTER>
    ASK HOST FILE: NO// <ENTER>
    ASK HFS I/O OPERATION: NO// <ENTER>
    QUEUING: NOT ALLOWED// 0  ALLOWED
    OUT-OF-SERVICE DATE: <ENTER>
    NEAREST PHONE: <ENTER>
    KEY OPERATOR: <ENTER>
    MARGIN WIDTH: 80// <ENTER>
    PAGE LENGTH: 6550// <ENTER>
    SUPPRESS FORM FEED AT CLOSE: YES// <ENTER>
    SECURITY: <ENTER>
    CLOSEST PRINTER: <ENTER>
    FORM CURRENTLY MOUNTED: <ENTER>
    OPEN PARAMETERS: (□<PRINTER IP ADDRESS>□:REDACTED:□ACS□::512:512)
    CLOSE PARAMETERS: <ENTER>
    USE PARAMETERS: UP ARROW ^ TO EXIT THE OPTION
```

> You will edit the values of the **$I, TYPE, QUEUING, OPEN PARAMETERS B** fields in the DEVICE file for the printer that VPS will use to print patient labels or wristbands.

3 Files

3.1 VistA M Server Files

VPS 1*4 retrieves data from VistA M Server files owned and maintained by packages external to VPS. The following table lists the VistA M Server files and global references used by VPS 1*4 RPCs.

*Table 2 VistA M Server Files Accessed by VPS 1*4*

FILE NAME AND NUMBER	GLOBAL REFERENCE
ANNUAL MEANS TEST #408.31	^DGMT(408.31
BILLING PATIENT #354	^IBA(354

FILE NAME AND NUMBER	GLOBAL REFERENCE
BRANCH OF SERVICE #23	^DIC(23
CANCELLATION REASON #409.2	^SD(409.2
COLLECTION SAMPLE #62	^LAB(62
DISABILITY CONDITION #31	^DIC(31
ELIGIBILITY CODE #8	^DIC(8
EXPRESSIONS #757.01	^LEX(757.01
FILE #1	^%ZIS(1
HOSPITAL LOCATION #44	^SC(
ICD DIAGNOSIS #80	^ICD9(
LAB DESCRIPTIONS #62.5	^LAB(62.5
LAB ORDER ENTRY #69	^LRO(69
LABORATORY TEST #60	^LAB(60
MEANS TEST STATUS #408.32	^DG(408.32
NEW PERSON #200	^VA(200
ORDER #100	^ORD(100
PACKAGE #9.4	^DIC(9.4
PATIENT #2	^DPT ^DPT(D0,"S"
PATIENT ENROLLMENT #27.11	^DGEN(27.11
PATIENT MOVEMENT #405	^DGPM(
PERIOD OF SERVICE #21	^DIC(21
POW PERIOD #22	^DIC(22
PROBLEM #9000011	^AUPNPROB("AC",
PROVIDER NARATIVE #9999999	^AUTNPOV
RAD/NUC MED ORDERS #75.1	^RAO(75.1
REMINDER DEFINITION #811.9	^PXD(811.9
STATE #5	^DIC(5
TYPE OF PATIENT #391	^DG(391
V CPT # 9000010.18	^AUPNVCPT("APPT1"

4 Global Translation, Journaling and Protection

There are no VPS 1*4 VistA M Server files for which VPS is the custodial owner. Consequently, global translation, journaling and protection is not required.

5 Routines

*Table 3 VPS1*4 VistA Routines*

ROUTINE NAME	DESCRIPTION
VPSRPC1	Procedures and function calls to return VA patient EDIPI and DFN identifiers.
VPSRPC2	Procedures and function to validate and update patient Demographic data.
VPSRPC3	Procedures and functions to update VistA pre-registration call data.
VPSRPC4	Procedures and functions to check-in a patient to one or more appointments.
VPSRPC5	Procedures and functions to retrieve a patient's list of treating facilities. Additionally the routine provides subroutines to retrieve lists of patients using identifier-based pattern matching.
VPSRPC11	Procedures and functions to retrieve a patient's clinic appointments and make new clinic appointments for a patient through VetLink.
VPSRPC12	Procedures and functions to retrieve a patient's list of laboratory orders and to enter laboratory orders through VetLink.
VPSRPC13	Procedure to retrieve a patient's list of consults and procedures.
VPSRPC14	Procedure to retrieve a patient's list of radiology/imaging exams.
VPSRPC15	Procedure to retrieve a patient's problem list.
VPSRPC16	Procedures and functions to retrieve various demographic, eligibility and enrollment information for a patient, as well as procedures and functions to update patient address information.
VPSRPC21	Additional procedures and functions to validate and update address information.
VPSRPC27	Procedure to compute the patient's vested status.
VPSRLBLS	Procedures and functions to print patient specimen labels.
VPSPRINT	A set of common application program interfaces (APIs) to support VPS printing functionality.
VPSPTCR	Procedures and functions to retrieve clinical reminders that are applicable to a patient and "Due Now".
VPSRWRIST	Procedures and functions to print a patient wristband with barcode.

5.1 VPS 1*4 RPCs

The VPS 1*4 routines are executed by remote procedure calls through VistA RPC Broker. The following table lists the VPS 1*4 RPCs giving the RPC tag and routine name used for invocation

Table 4 VPS 1*4 RPCs - Tags and Routines

RPC NAME	TAG	ROUTINE
VPS GET PATIENT DEMOGRAPHIC	GETDATA	VPSRPC1
VPS GET2 PATIENT DEMOGRAPHIC	GETDATA2	VPSRPC1
VPS ENHANCED GET PATIENT DEMO	GETDATA3	VPSRPC1
VPS PRINT PATIENT LABEL	PRINT	VPSRLBLS
VPS PATIENT WRISTBAND PRINT	PRINT	VPSWRIST
VPS GET PRINTERS	DEVICE	VPSPRINT
VPS GET CLINICAL REMINDERS	REMIND	VPSPTCR

Detailed VPS 1*4 RPC Information

Details on the input parameters and the output produced by each of the VPS 1*4 RPCs may be obtained from a FileMan inquiry to the REMOTE PROCEDURE file # 8994.

6 Exported Options

There are no VistA M Server options exported with VPS 1*4. However, VPS 1*4 requires the VPS KIOSK INTERFACE context (option menu).

7 Archiving and Purging

7.1 Archiving

There are no archiving procedures needed for VPS 1*4 RPC components.

7.2 Purging

There are no purging procedures needed for VPS 1*4 RPC components.

8 Callable Routines

VPS 1*4 does not provide callable VistA M Server callable routines.

9 External Interfaces

There are no interfaces to VPS 1*4 RPCs other than those provided by the VistA M Server and VistA RPC Broker.

10 External Relations

The following minimum package versions are required:

- VA FileMan V. 22.0,
- Kernel V. 8.0,
- Kernel Toolkit V. 7.3,
- CPRS V. 29,
- PXRM V. 2.0.18,
- RPC Broker V. 1.1
- VPS*1.0*2

Sites should verify that all patches to these packages have been installed.

11 Internal Relations

There are no internal relations for VPS 1*4.

12 DBIA Agreements

The VistA Database Administrator (DBA) maintains a list of Integration Agreements (IAs) or mutual agreements between custodial owners allows the use of internal entry points or other software-specific features that are not open for unrestricted use.

12.1   DBIA Agreements – Custodial Package

1. Sign on to **FORUM** system

2. Go to the **DBA** Menu

3. Select the **Integration Agreements Menu** option

4. Select the **Custodial Package Menu** option

5. Choose the **Active by Custodial Package** Option

6. When prompted for a package, enter *VA Point of Service (Kiosks)*

7. All current IAs to which VA Point of Service (Kiosks) is custodian are listed.

12.2   DBIA Agreements – Subscriber Package

1. Sign on to the **FORUM** system

2. Go to the **DBA** Menu

3. Select the **Integration Agreements Menu** option

4. Select the **Subscriber Package Menu** option

5. Select the **Print ALL by Subscriber Package** Option

6. When prompted with "Select PACKAGE NAME," enter *VA Point of Service (Kiosks)*

7. When prompted with "START WITH SUBSCRIBING PACKAGE," ENTER *VA Point of Service (Kiosks)*

8. All current IAs to which VPS VA Point of Service (Kiosks) is a subscriber are listed

13 Package-wide Variables

There are no package-wide variable associated with VPS 1*4.

14 SAC Exemptions

There are no SAC Exemptions for VPS 1*4.

15 Software Product Security

15.1   Security Management

No security keys required for used of VPS 1*4 RPCs.

15.2   Mail Groups and Alerts

There are no mail groups or alerts provided in VPS 1*4 RPCs.

15.3   Remote Systems

15.3.1   Connections

There are no direct remote system connections to VPS 1*4 RPCs. Access to VPS 1*4 run routines is provided through the VistA RPC Broker and the underlying VistA M Server.

15.3.2   Remote Data Views

Remote Data views are not supported by VPS 1*4 RPCs.

15.4   Interfaces

There are no non-VA products embedded in or required by VPS 1*4 RPCs, other than those proved by the underlying operating system and VistA RPC Broker.

15.5   Electronic Signatures

There are no electronic signatures used or required by VPS 1*4 RPCs.

15.6   Security Keys

No security keys are exported with the RPC Broker software.

15.7 File Security

There are no VistA M Server data files for which VPS 1*4 is the custodial owner.

15.8 Official Policies

As per the Software Engineering Process Group/Software Quality Assurance (SEPG/SQA) Standard Operating Procedure (SOP) 192-039—Interface Control Registration and Approval (effective 01/29/01), application programmers must not alter any HealtheVet VistA Class I software code.

16 Acronyms and Glossary

16.1 Acronyms

Table 5: List of Acronyms

Term	Definition
AVS	After Visit Summary
BR	Business rule
CBO	Chief Business Office
CCOW	Clinical Context Object Workgroup
CPRS	Computerized Patient Record System
DFN	Data file number
HIPAA	Health Insurance Portability and Accountability Act
DBIA	Database Integration Agreement
IB	Integrated Billing
ICR	Integration Control Registrations
IEN	Internal entry number
GUI	Graphical user interface
MUMPS/M	Massachusetts General Hospital Utility Multi-Programming System
NSR	New Service Request
OED	Office of Enterprise Development
PIMS	Patient Information Management System
PMO	Program Management Office
POS	Point of Service
PPOC	Print at Point of Collection
RPC	Remote Procedure Call
RSD	Requirements Specification Document
SACC	Standards and Conventions Committee
SSOi	Single Sign On and Patient Context Management
TCP/IP	Transmission Control Protocol/Internet Protocol
VistA	Veteran's Health Information Systems and Technology Architecture
VISN	Veterans Integrated Service Network
VHA	Veterans Health Administration

Term	Definition
VPS	Veterans Point Of Service
VSS	Voluntary Service System

16.1.1   Glossary

Table 6: Glossary

Term	Definition
Access Code	The unique sequence of characters assigned to the user by the site system manger. The access code in conjunction with the verify code is used to identify authorized users.
Application	A collection of computer programs and files developed specifically to meet the requirements of a user or group of users.
Archive	The process of moving data that is no longer actively used to a separate storage for long-term retention.
Computerized Patient Record System (CPRS)	A suite of clinical applications in VistA that provide access to a patient's Electronic Medical Record (EMR).
E-VPS	The set of VistA patches implementing features identified by VHA Point of Service (Kiosks) Phase II Enhancement VPS 1*4.
Field	A data element in a file.
FileMan	The VistA database manager.
Global	A collection of variables (fields) stored on disk that persist beyond routine or process completion. M VistA Server Globals are records stored in structured data files by M.
Kernel	A set of utilities that support data processing on VistA M Servers.
Kiosk	Implementation of a kiosk server at one TCP/IP domain.
M	Massachusetts (General Hospital) Utility Multi-Programming System, formerly known as MUMPS.
Option	Commands presented to a computer user by an applications. Typically, options are presented on a menu and have specific entry and exit actions.
Purge	The action/process of deleting a file or data from a file.
Procedure	A re-useable part of a computer program that performs a single function.
Required Field	A field which must have a data value entered by the user or passed as a parameter to computer program or subroutine.
Reminder Definition	Pre-defined sets of findings used to identify patients that should receive tests or treatments specific to diagnosed patient conditions. Reminder definitions specify criteria such as diagnoses, procedures, health factors, medications, or demographic variables used to identify affected patients.
RPC	Remote Procedure Call is an inter-process communication protocol that allows invocation of a program subroutine or procedure to execute in shared network space.
Routine	A set of commands and arguments related, stored and executed as a single M program.
Security Key	A keyword which makes specific options accessible to an authorized user.
Remote Procedure	A remote procedure is a procedure that can be executed by another program executing on a remote computer or another program process area.
Verify Code	A unique code which server as a second level of user authentication for accessing a VistA M Server.

Term	Definition
VetLink	The VPS Kiosk application composed of a kiosk client used by VA patients and staff to connect to a kiosk server.