Care Management

Care Management within the Health*e*Vet Desktop
Clinician Dashboard
Nurse Dashboard
Sign List
Query Tool

Installation Guide

Version ORRC 1.0*7

June 2007

Health Provider Systems
Department of Veterans Affairs

Revision History

Date	Patch	Page	Description	Project Manager	Technical Writer
6/07	ORRC*1*7	1, 32	Added info about known problem with disappearing links	Tim Landy	JoAnn Green
5/07	ORRC*1*7	16, 17	Added information about ORRCMM CM ALL, ORRCMM CLINICIAN NURSE, and ORRCMM TROUBLESHOOTER	Tim Landy	JoAnn Green
4/07	ORRC*1*7	12	Added screen capture to show how to verify that correct jre is installed.	Tim Landy	JoAnn Green
4/07	ORRC*1*7	22	Updated error pop-up that appears if wrong jre is installed	Tim Landy	JoAnn Green
4/07	ORRC*1*7	26	Updated lists of ORRCAUTOINSTALL.ZIP and ORRC_1_7.ZIP	Tim Landy	JoAnn Green
1/07	ORRC*1*5	20	Added description of new options/menu for order acknowledgement inquiry	Tim Landy	JoAnn Green
6/06	ORRC*1*3	3, 4	Replaced “CM” with “ORRC” in documentation and installation filenames	Tim Landy	Bob Sutton

Table of Contents

Preface

The *Care Management Installation Guide* describes how to install ORRC*1*7. This document contains five main sections: 1. Pre-Installation Information, 2. Instructions for Installing M Server Components, 3. Instructions for Installing Healthe*V*et Desktop Server Components, 4. Instructions for Installing Workstation Components, and 5. Post Installation Instructions.

Patch 7 enhances the functionality of the Care Management application by supporting the co-existence of the Clinician and the Nursing Dashboard.

The patch also makes sure that the Care Management application launches only with JRE1.4.2_12. If this JRE version is not found, the application will display an error message to the user and not launch. With this patch, the client workstation can have JRE versions higher than JRE1.4.2_12. However, the application will launch with the JRE1.4.2_12 instead of launching with the highest JRE.

In support of Section 508 Standards, Subpart B, ' 1194.21, paragraph (i), a theme choice for users with limited color perception is also included in this patch.

In addition, this patch introduces several fixes to enhance the 508 compliance of the Care Management application.

KNOWN ISSUE: After you click a link, sometimes the link text disappears (becomes "whited-out"), and a dotted box is displayed. You can still click on the box to invoke the link. Also you may click in the pane that contains the link to restore the text.

Recommended Users

- Department of Veterans Affairs Medical Center (VAMC) Information Resources Management (IRM) staff

Related Manuals

- Care Management User Manual ORCCUM.PDF
- Care Management Technical Manual ORCCTM.PDF

Related Web Sites

- http://vista.med.va.gov/cm

Client Configurations

- This installation guide is for both traditional workstation and thin client (terminal services) configurations.

Pre-Installation Information

The Care Management software package requires three separate installation procedures: one for installing M-specific components on your M server, one for installing Java components on the Healthe*e*Vet Desktop/Care Management server, and one for installing Java components on users' workstations.

Required VistA Packages and Patches

Before installing the Healthe*e*Vet Desktop/Care Management software package, you must ensure that the following patches are installed on your M server:

Software	Version	Patch Information
VistALink	1.5	XOB 1.0
Order Entry/Results Reporting	3.0	OR*3*153 (Hepatitis C Reporting) Note: TIU*1.0*150 is required to run OR*3.0*153
CPRS GUI	26	OR*3.0*248
Care Management	1.5	ORRC*1*5

Note: Healthe*e*Vet Desktop requires the VistALink version 1.5 software package, which provides a transport layer that enables Java-based applications to communicate with M-based applications. See the VistALink installation guide for instructions on installing VistALink. You can download this guide and other VistALink documentation via FTP through the Office of Information Field Office (OIFO) ANONYMOUS.SOFTWARE directories, which are listed in the following section.

Software Retrieval

Together, the **ORRC_1_7.ZIP**, **ORRC_1_7.KID**, and **ORRCAUTOINSTALL_1_7.ZIP** files contain all the files necessary to install Care Management. (See Appendix C for a comprehensive listing of the individual files within **ORRC_1_7**.ZIP and ORRCAUTOINSTALL_1_7.ZIP. These files are available (via FTP) in the Office of Information Field Office (OIFO) ANONYMOUS.SOFTWARE directories listed below:

OIFO	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	anonymous.software
Hines	ftp.fo-hines.med.va.gov	anonymous.software
Salt Lake City	ftp.fo-slc.med.va.gov	anonymous.software
First Available Server	download.vista.med.va.gov	anonymous.software

Distribution File Contents

Software Files	Content Description
ORRC_1_7.ZIP (Binary Java client files)	Configuration and example settings files Client executable file HealtheVet Desktop/Care Management plug-in directories
ORRC_1_7.KID (ASCII KIDS build files)	**ORRC_1_7** XHD PRISM DESKTOP THEME Routine: ORRCY7 ORRC*1.0*7 (Care Management)

Software Files	Content Description
ORRCAUTOINSTALL_1_7.ZIP (Binary files)	Automated installation scripts JRE 1.4.2_12 installation executable Health*e*Vet Desktop client executable

Documentation Retrieval

The following table lists Care Management documentation, which you can download via FTP from the Office of Information Field Office (OIFO) ANONYMOUS.SOFTWARE directories listed in the preceding section. The manuals are also available from the VHA Software Document Library (VDL).

File Name	Document
ORRCIG.pdf	/Care Management Installation Guide
ORRCUM.pdf	Care Management User Manual
ORRCTM.pdf	Care Management Technical Manual

Server Hardware and Operating System Requirements

Hardware

- Existing M server
- File server with at least 30 MB of free disk space to function as the Health*e*Vet Server (does not have to be a dedicated server). We expect the amount of disk space used by Care Management and Health*e*Vet Desktop to increase slowly as desktop plug-ins are added.
- Sentillion Vergence Vault (Optional): (For access to CPRS patient charts from within Care Management, you must implement a Sentillion Vergence Vault running CCOW. See the Sentillion Vergence Vault installation guide (*Vergence Vault Installation Instructions*) for installation instructions. You can download this guide and other Sentillion Vergence Vault documentation via FTP at download.vista.med.va.gov. (OSLC_IG.ZIP contains the installation guide and OSLC_SP.ZIP contains supplementary documentation. These files are located in the anonymous software directory.)

Operating System

- Health*e*Vet Desktop/Care Management server: Windows XP or 2000 Workstation or Windows 2000 Server with Terminal Services
- M server:
  - Caché/VMS: Caché 5.x.x (version 4.1 or greater)
  - Caché/NT: Caché 5.x.x (version 3.2.31.1 or greater)

Workstation Hardware and Software Requirements

Hardware

- Workstations should comply with VA Desktop Minimum Acceptable Configurations http://vaww.vairm.vaco.va.gov/VADesktop
- At least 30 MB of free disk space: We expect the amount of disk space used by Care Management and Health*e*Vet Desktop to increase slowly as desktop plug-ins are added

Operating System and Software

- Windows XP or 2000 Workstation or Windows 2000 Server with Terminal Services

- Java 2 Platform Standard Edition version 1.4.2_12 (J2SE 1.4.2_12) – Java Runtime Environment (JRE). (You can install the JRE manually or via the automated installation script, which also installs Health*e*Vet Desktop/Care Management.) You may also use Microsoft System Management Server (SMS) to simplify deployment of the JRE. At most sites, you need administrator access to install the JRE on users' workstations.

The following table lists the disk space requirements for these versions of the JRE:

Disk Space Requirements	
Version	**Minimum**
JRE 1.4.1_12	40 MB

Note: The Health*e*Vet desktop actually requires a component of the JRE called the Java Virtual Machine (JVM). Health*e*Vet Desktop has been tested only on JVM versions 1.4.2_12.
The JVM is included in the JRE Standard Edition, which is available from Sun Microsystems. This package includes items such as basic libraries for network communication and graphic user interfaces. A larger package, called the Java Developer Kit (JDK), also contains the JVM. In addition, the JDK includes developer utilities that are not required on client workstations.
The Java 2 Enterprise Edition (J2EE) package contains a set of libraries that allow certain server-side functions. The J2EE package is included with the Health*e*Vet Desktop. You do **not** need to download or install this package.

- Sentillion Desktop Components (Optional): For access to CPRS patient charts from within Care Management. (You can install the Sentillion Desktop Components manually, as described under Manual Installation.

- Java Access Bridge (Optional): For individuals who use Windows-based assistive technology, such as JAWS or Window-Eyes. (You can download Java Access Bridge at http://java.sun.com/products/accessbridge/. At most sites, you need administrator access to install the Java Access Bridge on users' workstations.)

- JAWS:

  JAWS for Windows (JFW) is a program that reads information from a computer display and speaks it to you through a speech synthesizer. JFW supports Windows 95, 98, ME, NT, 2000, XP Home and Professional.

  By streamlining keyboard functions, automating commands, and eliminating repetition, JAWS allows the operator accessibility to Windows and JRE (via Java Accessibility Bridge) based applications.

  For information on JAWS:

  ORRC*1*7 was tested with JAWS version 7 (7 or greater recommended).
  http://www.freedomscientific.com/fs_products/software_jaws.asp

Instructions for Installing M Server Components

Pre-Installation Instructions for the M-Specific Component

IRM Staff

You need programmer access (S DUZ (0)=”@”) to install the M-specific component. You must also have a VMS account to install this component on a DSM/VMS system.

Software Installation Time

Installation should take approximately one minute.

Users on the System

Users may be on the system during installation of this patch. However, this patch should be loaded during non-peak hours to minimize disruption to users.

Distribution

This patch is distributed in two parts: an M distribution and Java plug-ins.

1. The M distribution is included as a PackMan attachment to this message.

2. The plug-ins and the auto install zip are distributed via ORRC_1_7.ZIP and ORRCAUTOINSTALL_1_7.ZIP, respectively.

Installing M Server Components

Follow these steps to install patch **ORRC_1_7**:

1. Use the INSTALL/CHECK MESSAGE option on the PackMan menu.
2. From the Kernel Installation and Distribution System Menu, select the Installation menu.
3. From this menu, you may elect to use the following options (when prompted for INSTALL NAME, enter ORRC*1.0*7):
    a. Backup a Transport Global
    b. Compare Transport Global to Current System
    c. Verify Checksums in Transport Global
4. Use the Install Package(s) option and select the package ORRC*1.0*7
5. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES//' respond with 'YES'
6. When prompted 'Want KIDS to INHIBIT LOGONs during the install? YES//,' respond NO.
7. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//', respond NO.

Note: Appendix A contains a listing of new M namespaces, routines, and files created from this build. Appendix B contains an installation example.

Instructions for Installing HealtheVet Desktop

Create a HealtheVet Desktop Directory

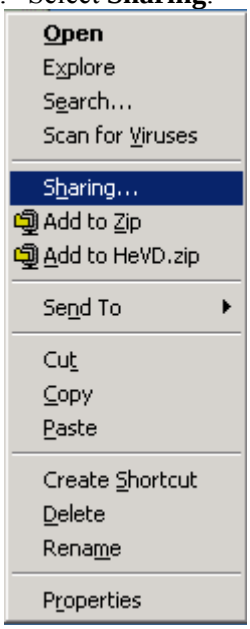
Create a main Health*e*Vet directory named HEVD on the Health*e*Vet Server. The Health*e*Vet Server may be any Windows 2000 or NT server on your network. Health*e*Vet Desktop does not require a dedicated machine. Unzip and extract the ORRC_1_7.ZIP distribution file to the main Health*e*Vet directory (HEVD).

Configuring the HealtheVet Desktop Server Component

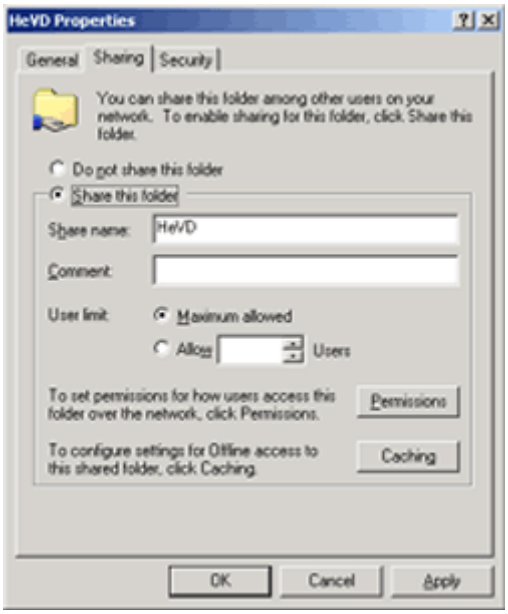
To configure the Health*e*Vet Desktop server component, follow these steps:

Note: These instructions apply to a Windows 2000 server. Dialog boxes and your responses may be slightly different if you are installing this software on Windows NT.

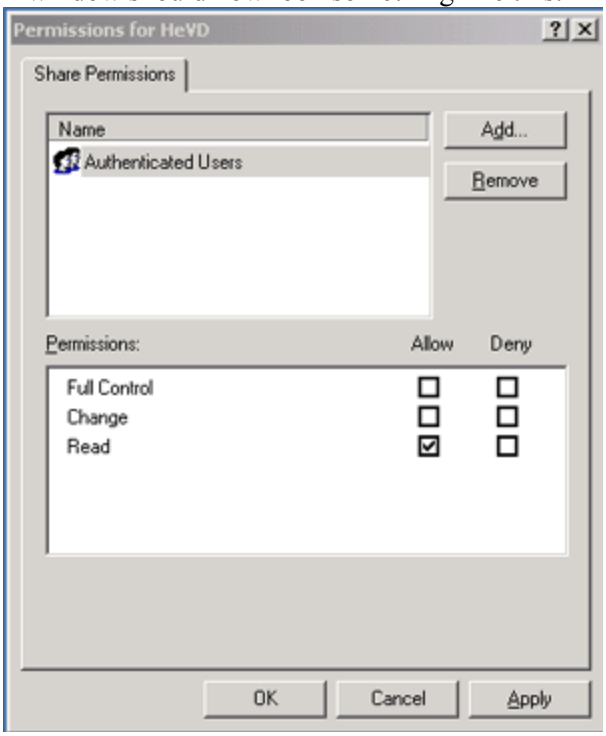
1. Right click on the main Health*e*Vet Desktop/Care Management folder. (This is the folder—HEVD—into which you extracted the ORRC_1_7.ZIP files.)
2. Select **Sharing**.



3. On the Sharing tab, select **Share this folder.**



4. Click the *Share this folder* radio button on the Sharing tab.
5. Click on Permissions.
6. In the checkboxes under the **Allow** column, click to clear **Full Control** and **Change** if these items are selected. **Read** should be the only selected item under the **Allow** column. The Permissions window should now look something like this:



7. The *Permissions* dialog box.
8. Click **OK**
9. You must be able to access this share from each workstation, either by mapping a drive letter or by using a UNC (Universal Naming Convention) address such as \\servername\ HEVD.

Changing the Settings File

The Care Management product ships with a file called *example.settings*, which is located in the HEVD directory. **COPY** this file to *config.settings*. This file contains several settings that can differ from site to site—the name/IP address of your M server, VistALink port, and RPC broker port, for example.

1. Using a text editor, edit *config.settings*. Change the default server name in this file (broker server) to the name or IP address of the M server that you want Healthe*V*et Desktop/Care Management to access. Similarly, change the default port numbers for M VistaLink Port and M RPCBroker Port (8100 and 9100, respectively) to the port numbers that your implementation of M VistALink and M RPCBroker use.
2. The .settings file also includes a setting that enables you to go from the Care Management interface to a patient's chart in CPRS version 22 (or later). To use this go-to-chart functionality, make sure that the value of the CPRS Chart Path entry in the config.settings file refers to the location where CPRS is installed on users' workstations.

```
M Server Name = mserver
M VistaLink Port = 8100

M RPCBroker Port = 9100
CPRS Chart Path = C:\Program Files\Vista\CPRS\CPRSChart.exe
```

   You must change the server name and port numbers to correspond to the name and port numbers of your M server. For go-to-chart functionality, you must also make sure that the CPRS Chart Path refers to the location where CPRS is installed on the workstation.
3. Save config.settings. If you are prompted to save the document as text, answer yes.
4. Exit the text editor.
5. Verify that the file is still named *config.settings*. (Some text editors append a *.txt* extension to the filename. If your text editor has appended a *.txt* extension to the *config.settings* file, rename the file to *config.settings.*)

Note: Naming the *.settings* file *config.settings* is very important. In the following section you configure the Healthe*V*et Desktop component running on users' workstations to reference a configuration file—called *config.xml*—that resides on the HealtheVet Desktop server. This *.xml* file depends on a corresponding *.settings* file that has the same first name (*config*) and resides in the same directory. If the first name of the *.settings* file does not match the first name of the *.xml* file, the application will not work.

Instructions for Installing Workstation Components

You can install Healthe*V*et Desktop/Care Management workstation components using either of the following two methods:

- Automated Installation
- Manual Installation

To successfully install workstation components using either of these methods, you must have Write access to the C: \Program Files\Vista directory. (If you don't have administrative rights to users' workstations, you may not have Write access to this directory.)

A. The Care Management Automated Installation Script

The automated installation script is designed to serve the following two purposes:

1. Speed the process of installing the workstation components required for running Healthe*V*et Desktop/Care Management software

2. Serve as a template for silently installing various Care Management components using software distribution tools such as Microsoft System Management Server (SMS)

The automatic installation script performs the following tasks:

- Installs the Java 2 Standard Edition (J2SE) 1.4.2_12 Java Runtime Environment (JRE) if it is not already installed

- Creates a directory and copies Healthe*V*et Desktop executable files to this directory

- Creates shortcuts to the Healthe*V*et Desktop executable file in the installation directory and in the Windows All Users\Desktop and All Users\Start Menu folders

- Launches the Healthe*V*et Desktop in silent mode to download to users' workstations the initial set of Healthe*V*et Desktop/Care Management plug-ins

The automated installation script consists of the following files and directories:

applications/	Application files
util/	Utility programs used by the setup script
etc/	Misc setup files
etc/cminstall.bat	Client installation script (*construct.bat* copies this file one level up before exiting)
construct.bat	IRM setup script (run once to set local settings)
doc/Care Management Install Script.doc	This document

Requirements

To successfully run the automatic installation script, you **must:**

- Have local administrative access on the workstation (administrative access is required to write to the system registry for the JRE.

- Have previously unzipped and extracted the Healthe*V*et Desktop/Care Management files (ORRC1_7 .ZIP) to the HEVD directory on the Healthe*V*et server
(see the "Instructions for Installing HealtheVet Desktop" >> "Create a HealtheVet Desktop Directory" section of the *Healthe**V**et Desktop/Care Management Installation Guide*)

- Install Care Management, VistALink, and CCOW server components (install these components prior to installing the workstation components.)

This script has been tested and verified on the Windows 2000 operating system.

Using the Care Management Automated Installation Script

For each site

Perform the following steps only once for each site:

1. Extract the ORRCAUTOINSTALL_1_7.ZIP file, which contains the automated installation script to a shared Windows folder.

2. Run *construct.bat* from the command line to set the value of the path to the config.xml file which is located in the HEVD directory (this will be a UNC name like the following: \\myserver\hevd\config.xml) (*construct.bat* creates the *settings.bat* file in the /etc directory. You therefore need Write permission to this directory.)

   Before *construct.bat* exits, it copies the *cminstall.bat* file one level up.

For each user workstation:

Perform the following step on each user workstation:

1. Run the *cminstall.bat* in your shared directory from the workstation command line or by clicking on this file through Windows Explorer.

The automated installation script should install the Care Management and Java workstation components. If there are issues with any of these components, the installation will fail.

Notes

After you run *construct.bat*, the *settings.bat* (etc/settings.bat) file contains all the default values for your site. We recommend that you keep these default values. However, you can change them as needed to match the configuration your site requires.

This automated installation script contains commands that silently set up JRE 1.4.2_12 and Care Management. If the script hangs or displays an error message indicating that these silent installations were unsuccessful, we recommend that you try manually installing these components to see if similar error messages occur.

Following are known issues:

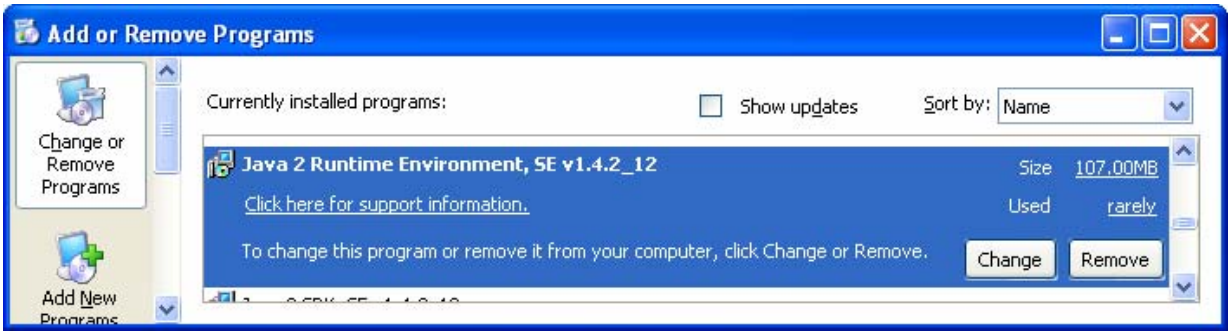
- If you have insufficient disk space, the JRE install will fail

You can also use this script as a template for creating an installer using Microsoft SMS or other automated installation systems. However, be advised: The VistA Support team is not equipped to handle support issues related to automated installation systems.

B. Manual Installation

To install Healthe*V*et Desktop on a workstation, follow these steps:

1. Verify that the JRE 1.4.2_12 is installed on the workstation. Start->Control Panel-> Add or Remove Programs. If the JRE is installed on the workstation, you will see something similar to this:

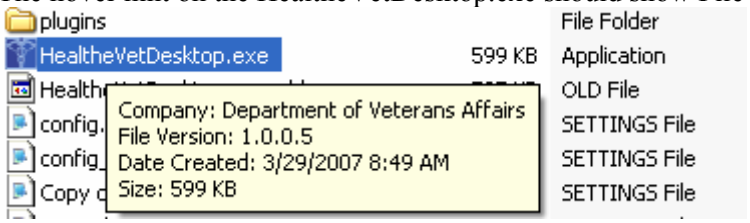


2. If the JRE is installed on the workstation, skip to Step 4. If the JRE is not installed, you must install it now, before you install the Healthe*V*et Desktop/Care Management workstation components. (You must install the JRE on every workstation that will run Healthe*V*et Desktop/Care Management.)

3. To download the JRE for J2SE 1.4.2_12, browse to http://java.sun.com/products/archive/
   (From the J2SDK/J2RE dropdown list, select- 1.4 ->1.4.2_12
   then choose the **Download J2RE** hyperlink)
4. Create a folder named Healthe*V*etDesktop in C:\Program Files\Vista\.
5. Copy the *HealtheVetDesktop.exe* file (which is located in the HEVD\client directory on the Healthe*V*et server) to the workstation and place it in the folder you created in Step 4 above.

   Note: This updated HealtheVetDesktop.exe will need to be pushed out to all workstations that use Care Management.

   The hover hint on the HealtheVetDesktop.exe should show File Version: 1.0.0.5

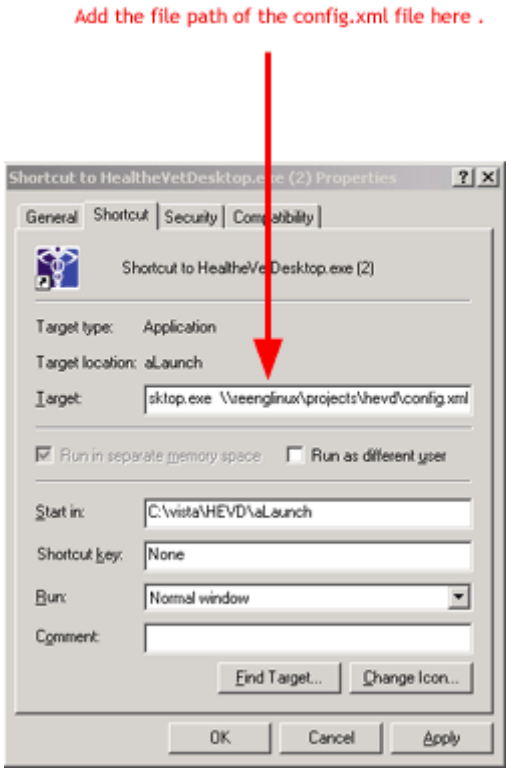


6. Create shortcuts to *HealtheVetDesktop.exe.* (To create a shortcut, right-click on *HealtheVetDesktop.exe* and select **Create Shortcut**).

You can create multiple shortcuts for multiple Healthe*V*et Desktop/Care Management accounts. However, each shortcut needs its own *config.xml* and corresponding *config.settings* files. Furthermore, each *.xml* and associated *.settings* file must have a unique first name. For example, suppose you had two accounts: a production account and a test account. Further, suppose that the *.xml* and *.settings* files for the production account were named *config.xml* and *config.settings.* For the test account, you would need to give these files different names—such as *testconfig.xml* and *testconfig.settings.*

If a single user needs access to both of these accounts, you must create a separate shortcut for each account.

a. Right-click on the shortcut and select **Properties**.
b. After the words *HealtheVetDesktop.exe* in the **Target** field, add one space and the file path of the *config.xml* file. (For example, if the name of your Healthe*V*et Desktop/Care Management server were healthevetserver, the file path you entered would look something like this: \\healthevetserver\ HEVD\config.xml.) The default value displayed in the **Start in** field is the location of the Healthe*V*et Desktop executable file. Do not change or delete this value.



The red arrow indicates where to add the file path of the *config.xml* file.

(Optional) For access to CPRS patient charts from within Care Management, install the Sentillion Desktop Components on users' workstations. See the Sentillion Vergence Desktop Components installation guide (*Vergence Desktop Components Install Instructions)* for installation instructions You can download this guide and other Sentillion Vergence Vault documentation via FTP at download.vista.med.va.gov. (OSLC_IG.ZIP contains the installation guide and OSLC_SP.ZIP contains supplementary documentation. These files are located in the anonymous software directory.)

Note: You **MUST** implement a Sentillion Vergence Vault running CCOW before installing Sentillion workstation components.

Important Installation Note

Regardless of the method you use to install Healthe*e*Vet Desktop/Care Management workstation components, the first time users run the Healthe*e*Vet Desktop executable, the Module Update Manager (MUM) downloads and installs all of the plug-ins that provide this software package's functionality. The initial installation of these plug-ins can take from a few to several minutes, depending on your local network configuration. If a large number of users simultaneously launch the executable for the first time, the resulting (25 MB) plug-in downloads could degrade your network's bandwidth.

Note: The module (plug-in) update process does not interact with—and therefore does not affect—the M server. However bandwidth usage may make applications that rely on the M server appear to be negatively affected.

To avoid or mitigate potential impacts, you may use any of the following options:

- Use the –silent install option:
  - Following Steps 3 –5 in "B. Manual Installation," create a *second* shortcut. In the **Target** field, add a space and **-silent** at the end of the file path to the config.xml file. (See Step 5.) When you launch the Healthe*e*Vet Desktop using this shortcut, Healthe*e*Vet Desktop downloads all of the plug-ins and immediately exits.
  -

Note: The shortcut that appears on users' desktops should **not** include the **-silent option.** With this option included, the shortcut will not launch the HealtheVet Desktop.

  - Run the **–silent** option from the command line as part of a script, scheduled job, or SMS job.
- Implement a phased deployment
- Maintain a shared network directory at each remote location

Silent Install Option

- Set up Microsoft System Management Server (SMS) to run the Healthe*e*Vet Desktop executable file using the following two command-line parameters: the silent parameter and the path to the config.settings file. For minimum system impact, schedule SMS to run the executable at staggered intervals while users are away from their workstations.

Post-Install Instructions

Including Care Management Options in Users' Menu Trees

Include one or more of the following options in each user's menu tree:

- ORRCMM CLINICIAN
- ORRCMM CLINICIAN QUERY
- ORRCMM NURSING
- ORRCMM NURSE QUERY
- ORRCMM CM CLINICIAN NURSE
- ORRCMM CM ALL

The options you include should correspond to users' Care Management perspectives. For example, a nurse practitioner may need access to the Nurse Dashboard perspective, but not the Query Tool perspective. In this case, you would include in this nurse practitioner's menu tree the ORRCMM NURSING option. You could then assign to this user the ORRCMM NURSING perspective.

Note: Although you can include more than one menu option in a user's menu tree, you can currently assign to that user only one dashboard perspective at a time. Assigning more than one dashboard at a given time adversely affects the behavior of Health*e*Vet Desktop/Care Management. For example, doing so impacts the functionality that determines which patients appear on users' dashboards.

Assigning Care Management Perspectives to Users

Before users can access Care Management, they must have an assigned perspective. You can assign perspectives to individual users through either of the following menus:

- Health*e*Vet Desktop Configuration [HD] menu, which is located within the CPRS Configuration (IRM) menu [CPRS CONFIGURATION (IRM)].
- General Parameter Tools menu [XPAR MENU TOOLS]

Assigning perspectives through either of these menu options establishes the value for the XHD PRISM PERSPECTIVE SELECTOR parameter.

A. Using the CPRS Configuration (IRM) Menu

To set the XHD PRISM PERSPECTIVE SELECTOR parameter using the CPRS Configuration (IRM) menu, follow these steps:

1. Log on to VistA.

2. From the CPRS Configuration (IRM) menu, type **HD** to select *Health*eVet Desktop Configuration…* The Health*e*Vet Desktop Configuration menu appears*:*

```
AM     Assign Perspective List to Multiple Users
AP     Assign Perspective List to User
AS     Assign Perspective List to Service
```

The **AM** selection enables you to choose a perspective and then iterate through the list of users to whom you want this perspective to apply. Care Management checks each user you enter. If the user does not have access to the perspective somewhere in his or her menu tree, Care Management displays a warning similar to the following:

```
HVUSER, ONE does not have the ORRCMM Clinician Query in the menu tree. You may need
to add this as a secondary menu for this user.
```

When you use the **AP** selection to assign a perspective for a single user, Care Management checks this user and displays his or her current perspective, if applicable. You can then replace the current perspective with a new perspective. If the user does not have access to the perspective somewhere in his or her menu tree, Care Management displays a warning similar to the warning mentioned above.

When you use the **AS** selection to assign a perspective for a service, Care Management displays a note telling you that the perspective you assign must be available in the menu tree of each user who is assigned to this service.

3. At the *Select HealtheVet Desktop Configuration Option* prompt, type one of the options listed above.

4. Select the person(s) to whom (or service to which) you want to assign a perspective, and enter one of the following choices at the *Select Perspective Option* prompt:

c. **ORRCMM CLINICIAN**
   Select this option to assign to users or services the Clinician Dashboard and Sign List perspectives.
d. **ORRCMM CLINICIAN QUERY**
   Select this option to assign to users or services the Clinician Dashboard, Query Tool, and Sign List perspectives
e. **ORRCMM NURSING**
   Select this option to assign to users or services the Nurse Dashboard and Sign List perspectives.
f. **ORRCMM NURSE QUERY**.
   Select this option to assign to users or services the Nurse Dashboard, Query Tool, and Sign List perspectives.
g. **ORRCMM CM ALL**
   Select this option to assign to users or services the Clinician Dashboard, Nursing Dashboard, SignList and QueryTool perspectives.
h. ORRCMM CLINICIAN NURSE
   Select this option to assign to users or services the Clinician Dashboard, Nursing Dashboard, and SignList perspectives.

B. Using the General Parameter Tools [XPAR MENU TOOLS] menu

To set the XHD PRISM PERSPECTIVE SELECTOR parameter using the General Parameter Tools [XPAR MENU TOOLS] menu, follow these steps:

1. Log on to VistA.

2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select **EP (**Edit Parameter Values).

6. At the *Select PARAMETER DEFINITION NAME* prompt, type **XHD PRISM PERSPECTIVE SELECTOR**.

The General Parameter Tools menu displays the following options for setting the XHD PRISM PERSPECTIVE SELECTOR parameter:

```
XHD PRISM PERSPECTIVE SELECTOR may be set for the following:

2   User          USR    [choose from NEW PERSON]
5   Service       SRV    [choose from SERVICE/SECTION]
Enter selection:
```

4. Set the XHD PRISM PERSPECTIVE SELECTOR parameter by typing one of the following at the *Enter Selection* prompt:

2 – for user level. If you select 2, the *Select NEW PERSON NAME* prompt appears.
5 – for service level. If you select 5, the *Select SERVICE/SECTION* prompt appears.

5. Type the appropriate response.

The *Perspective Option* prompt appears.

6. Type one of the perspectives listed in Step 4 of the instructions for setting the XHD PRISM PERSPECTIVE SELECTOR parameter using the CPRS Configuration (IRM) menu.

Care Management also includes the ORRCMM TROUBLESHOOTER CLIN, ORRCMM TROUBLESHOOTER NURS and ORRCMM TROUBLESHOOTER options for developers and IRM staff. Along with the Sign List, Query Tool, and RPC Logger perspectives, these options assign either the Clinician or Nurse Dashboard perspective, respectively.

Assigning HealtheVet Desktop Default Perspectives to Users

If a default perspective is set, the HealtheVet Desktop displays this perspective each time users launch the HealtheVet Desktop. Users can set their own default perspective using the *Preferences* dialog in the HealtheVet Desktop GUI interface. You can also assign a default perspective to users through the General Parameter Tools menu [XPAR MENU TOOLS]. Assigning a default perspective through this menu option or the *Preferences* dialog establishes the value for the XHD PRISM DEFAULT PERSPECTIVE parameter. To set the XHD PRISM DEFAULT PERSPECTIVE parameter, follow these steps:

1. Log on to VistA.

2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select **EP** (Edit Parameter Values).

3. At the *Select PARAMETER DEFINITION NAME* prompt, type **XHD PRISM DEFAULT PERSPECTIVE**.

The General Parameter Tools menu displays the following options for setting the XHD PRISM DEFAULT PERSPECTIVE parameter:

```
XHD PRISM DEFAULT PERSPECTIVE may be set for the following:

     1   User          USR    [choose from NEW PERSON]
     2   Division      DIV    [choose from INSTITUTION]
     3   System        SYS    [TEST.FO-SLC.MED.VA.GOV]
```

4. Type one of the following at the *Enter Selection* prompt:
   1 – for user level. If you select 1, the *Select NEW PERSON NAME* prompt appears; type the appropriate response.
   2 – for Division level. If you select 2, the *Select INSTITUTION NAME* prompt appears; type the appropriate response.
   3 – for System level. If you select 3, the General Parameter Tools menu prompts you to enter a default perspective at the system level.

7. Type the appropriate default perspective. The following default perspectives are currently available for the Healthe*e*Vet Desktop:

ORRCMM CM CLINICIAN NURSE	**cliniciannurseDashboard**
ORRCMP DASH CLINICIAN	**clinicianDashboard**
ORRCMP DASH NURSING	**dashboard.nurseDashboard**
ORRCMP QUERY TOOL	**queryTool**
ORRCMP RPC LOGGER	**rpclogger**
ORRCMP SIGN LIST	**dashboard.signatureList**

Default perspective settings are case-sensitive: To set a default perspective, you MUST enter only the text in the right-hand column, and you must enter it exactly as it appears. For example, if you want to set a user's default perspective to the Clinician Dashboard, you must enter the following: clinicianDashboard. (Although VistA accepts the formal names of the perspectives—ORRCMP DASH CLINICIAN, for example—as default settings, it actually *sets* defaults *only* if you enter the settings exactly as they appear in the right-hand column.)

Note: Because Care Management is currently the only package that runs within the HealtheVet Desktop, only Care Management perspectives are available as defaults. As additional programs become available, users will have more default options from which to choose.

Setting the Activation Date

You must specify an activation date for all users to whom you have assigned a clinician perspective. The activation date is the date after which unacknowledged orders and results begin accumulating in the Order Acknowledgement file (#102.4). These items then appear in users' Clinician Dashboards. Set this date to today, or to the date you expect new users to begin using Care Management.

Note: If you do not set this date, unacknowledged orders and results do not appear on users' Clinician dashboards. The activation date is specified in the ORRC ACTIVATION DATE parameter, which you access via the CPRS Configuration (IRM) menu.

To specify the activation date, follow these steps:

1. Log on to VistA.

2. From the CPRS Configuration menu, type **XX** to select *General Parameter Tools…*
The General Parameter Tools menu appears:

```
LV     List Values for a Selected Parameter
LE     List Values for a Selected Entity
LP     List Values for a Selected Package
LT     List Values for a Selected Template
EP     Edit Parameter Values
ET     Edit Parameter Values with Template
EK     Edit Parameter Definition Keyword
```

3. Type **EP** to select *Edit Parameter Values.*
The **Select PARAMETER DEFINITION NAME** prompt appears.

4. Type ORRC ACTIVATION DATE and press **Enter**. The ORRC ACTIVATION DATE menu appears.

```
ORRC ACTIVATION DATE may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     5   Service       SRV    [choose from SERVICE/SECTION]
     7   Division      DIV    [INSTITUTION]
     8   System        SYS    [TEC.FO-SLC.MED.VA.GOV]

Enter selection:
```

5. Set the ORRC ACTIVATION DATE parameter by typing one of the following at the **Enter selection** prompt:

1 – for user level. If you selected 1, the **Select NEW PERSON NAME** prompt appears. Proceed to Step 6.
5 – for service level. If you selected 5, the **Select SERVICE/SECTION** prompt appears. Proceed to Step 6.
7 – for division level. If you selected 7 and your site has multiple divisions, the **Select INSTITUTION NAME** prompt appears. Proceed to Step 6. If you selected 7 and your site does not have multiple divisions, the **ACTIVATION DATE** prompt appears. Proceed to Step 7.
8 – for system level. If you selected 8, the **ACTIVATION DATE** prompt appears. Proceed to Step 7.

6. Type the appropriate response.

7. Enter an activation date.

Key Assignment

Healthe*V*et Desktop/Care Management introduces a new security key: ORRC QUERY RESULT EXPORT. Assign this key only to users who need to export or print reports generated through the Care Management Query Tool perspective.

Healthe*V*et Desktop/Care Management also uses these existing security keys, which should already be assigned to users who need them:

- ORELSE: Activates the Verify check box on the Nurse Dashboard
- ROR VA HEPC USER: Allows users to see Hepatitis C Registry information

Order Acknowledgement Inquiry

To provide timely order acknowledgement lists, utilities have been created to facilitate inquiries into file 102.4. The utilities are created as options under a new “Care Management Menu” [ORRC CM MENU], which is located under the "CPRS Configuration (Clin Coord)" Menu [OR PARAM COORDINATOR MENU].

The options are:

- OR ORDER ACKNOWLEDGEMENT INQUIRY BY ORDER
- PR ORDER ACKNOWLEDGEMENT INQUIRY BY PROVIDER

An example of a session follows:

```
Select OPTION NAME: OR PARAM COORDINATOR MENU  CPRS Configuration (Clin Coord)  menu
   AL     Allocate OE/RR Security Keys
   KK     Check for Multiple Keys
   DC     Edit DC Reasons
   GP     GUI Parameters ...
   GA     GUI Access - Tabs, RPL
   MI     Miscellaneous Parameters
   NO     Notification Mgmt Menu ...
   OC     Order Checking Mgmt Menu ...
   MM     Order Menu Management ...
   LI     Patient List Mgmt Menu ...
   FP     Print Formats
   PR     Print/Report Parameters ...
   RE     Release/Cancel Delayed Orders
   US     Unsigned orders search
   EX     Set Unsigned Orders View on Exit
   NA     Search orders by Nature or Status
   CM     Care Management Menu ...  << Care Management Menu
   DO     Event Delayed Orders Menu ...
   PM     Performance Monitor Report
```

```
Select Care Management Menu Option: PR  ORDER ACKNOWLEDGEMENT INQUIRY BY PROVIDER
Select NEW PERSON NAME: ORRCPROVIDER,THREE
DEVICE: HOME//   HOME
Listing of ORDER ACKNOWLEDGMENTES by Provider
===========================================
ORDER: 20941                       ORRCPROVIDER,THREE
ORDER: 20985                       ORRCPROVIDER,THREE
ORDER: 21041                       ORRCPROVIDER,THREE
End of report.
```

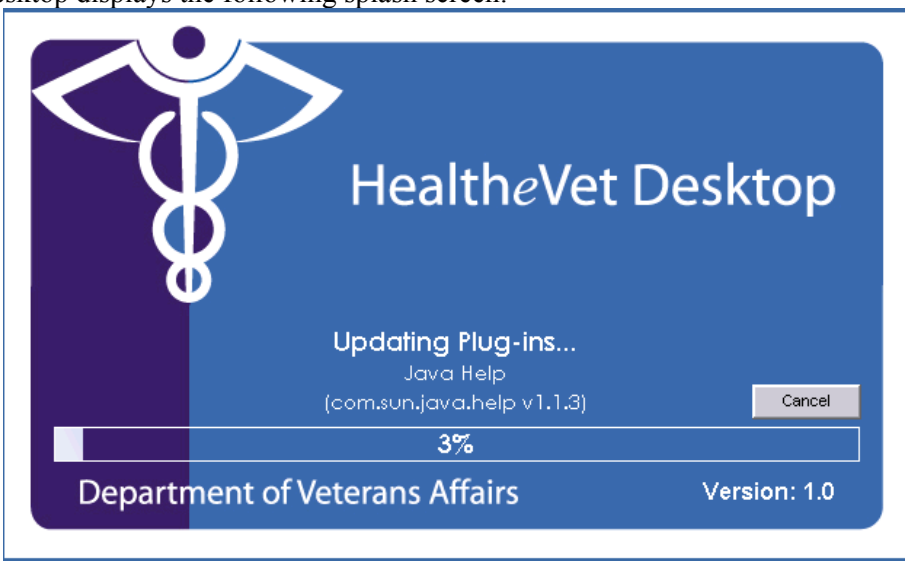
```
Select CPRS Configuration (Clin Coord) Option: CM  Care Management Menu
   OR     ORDER ACKNOWLEDGEMENT INQUIRY BY ORDER
   PR     ORDER ACKNOWLEDGEMENT INQUIRY BY PROVIDER

Select Care Management Menu Option: OR  ORDER ACKNOWLEDGEMENT INQUIRY BY ORDER
Enter an Order Number: :  21041
Enter an Order Number: :
DEVICE: HOME//   HOME
Listing of ORDER ACKNOWLEDGEMENTS by order number
================================================
ORDER: 21041                       PROVIDER: ORRCPROVIDER,THREE
End of report.
```

Starting the HealtheVet Desktop Client

To start Healthe*V*et Desktop, double-click the shortcut icon that launches *HealtheVet Desktop.exe.*

Healthe*V*et Desktop displays the following splash screen:



The HealtheVet Desktop splash screen.

Note: If you see the following error message pop up, the required version of Java Virtual Machine is not installed.

Note: Install the required JRE. Refer to section B-Manual Installation for instructions.

If necessary, Healthe*V*et Desktop automatically downloads new plug-ins and modules.

Appendix A – New Components installed by ORRC*1*7

M Environment

Namespaces

- XHD Healthe*e*Vet Desktop
- ORRC Care Management

Routines

Care Management Routines in Patch 7

Routine Name	Before Patch	After Patch
ORRCY7	N/A	407526

Parameter

XHD PRISM DESKTOP THEME

Options

ORRCMM CM CLINICIAN NURSE
ORRCMM CM ALL
ORRCMM TROUBLESHOOTER
ORRCMP DASH CLINICIAN
ORRCMP DASH NURSING
ORRCMP QUERY TOOL
ORRCMP RPC LOGGER
ORRCMP SIGN LIST
XHDXC DESKTOP

Java Components Included

All

Java Components Modified

Plug-in changes:

gov.va.med.hds.cd.mum.test_1.7.0
gov.va.med.hds.cd.mum_1.7.0
gov.va.med.hds.cd.prism.core_1.7.0

gov.va.med.hds.cd.spectrum_1.7.0
gov.va.med.hds.clinicaldata.ui_1.7.0
gov.va.med.hds.cd.config.ui_1.7.0
gov.va.med.hds.querytool.ui_1.7.0
gov.va.med.hds.task_1.7.0
gov.va.med.hds.dashboard.nurse.ui_1.7.0
gov.va.med.hds.cd.config.dev_1.7.0
gov.va.med.hds.dashboard.common.ui_1.7.0
gov.va.med.hds.dashboard.nurse.core_1.7.0
gov.va.med.hds.dashboard.clinician.core_1.7.0
gov.va.med.hds.dashboard.common.core_1.7.0
gov.va.med.hds.cd.runtime.core_1.7.0
gov.va.med.hds.cd.m.core_1.7.0
gov.va.med.caremanagement.version_1.7.0

Appendix B – M Installation Example

```
Select OPTION NAME: XPD MAIN       Kernel Installation & Distribution System

          Edits and Distribution ...
          Utilities ...
          Installation ...

Select Kernel Installation & Distribution System 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 Option: 1 Load a Distribution
Enter a Host File: C:\UPLOAD\ORRC_1_7.KID
 (Note: This example is based on an NT/Cache operating system. Please enter the
appropriate syntax for your operating system.)

Appendix C – Zipped Files
```

ORRCAUTOINSTALL_1_7.ZIP

The following table includes a comprehensive listing of the files contained in ORRCAUTOINSTALL_1_7.ZIP.

Files in ORRCAUTOINSTALL_1_7.ZIP	
File Name	**Directory**
construct.bat	
HealtheVetDesktop.exe	applications\healthevetdesktop\
j2re-1_4_2_12-windows-i586.exe	applications\java\
Care Management Install Script.doc	doc\
cminstall.bat	etc\
directories.bat	etc\
settings.orig	etc\
CheckJRE1_4_2.12.exe	util\
pkunzip.exe	util\
Reg.exe	util\
Shortcut.exe	util\
sleep.exe	util\

ORRC_1_7.ZIP

The following table includes a comprehensive listing of the files contained in ORRC_1_7.ZIP.

Files in ORRC_1_7.ZIP	
File Name	**Directory**
Config_1.0.7.15.xml	
example.settings	
testconfig_1.0.7.15.settings	
HealtheVetDesktop.exe	client\
Ant.jar	plugins\ant\
optional.jar	plugins\ant\
xercesImpl.jar	plugins\ant\
xml-apis.jar	plugins\ant\
manifest.xml	CareManagement
manifest.xml	plugins\com.sentillion_0.9.0\
WebJContextor.jar	plugins\com.sentillion_0.9.0\
WebJDesktop.jar	plugins\com.sentillion_0.9.0\
Jh.jar	plugins\com.sun.java.help_1.1.3\
jhall.jar	plugins\com.sun.java.help_1.1.3\
jhbasic.jar	plugins\com.sun.java.help_1.1.3\
jsearch.jar	plugins\com.sun.java.help_1.1.3\
manifest.xml	plugins\com.sun.java.help_1.1.3\
Src.jar	plugins\com.sun.java.help_1.1.3\
isorelax.jar	plugins\com.sun.msv_0.9.0\
manifest.xml	plugins\com.sun.msv_0.9.0\
msv.jar	plugins\com.sun.msv_0.9.0\
relaxngDatatype.jar	plugins\com.sun.msv_0.9.0\
xsdlib.jar	plugins\com.sun.msv_0.9.0\
manifest.xml	plugins\gov.va.med.foundations_1.6.0
vljConnector_1.5.1.002.jar	plugins\gov.va.med.foundations_1. 6.0
vljFoundationsLib_1. 5.1.002.jar	plugins\gov.va.med.foundations_1. 6.0
vljSecurity_1. 5.1.002.jar	plugins\gov.va.med.foundations_1. 6.0

Files in ORRC_1_7.ZIP	
File Name	**Directory**
ccow.jar	plugins\gov.va.med.hds.cd.ccow.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.api_1.0.0\
ccow.core.jar	plugins\gov.va.med.hds.cd.ccow.core_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.core_1.0.1\
ccow.desktop.core.jar	plugins\gov.va.med.hds.cd.ccow.desktop.core_1.1.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.desktop.core_1.1.0\
ccow.desktop.ui.jar	plugins\gov.va.med.hds.cd.ccow.desktop.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.desktop.ui_1.0.0\
ccow.test.jar	plugins\gov.va.med.hds.cd.ccow.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.test_1.0.0\
ccow.ui.jar	plugins\gov.va.med.hds.cd.ccow.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.ccow_1.0.0\
config.api.jar	plugins\gov.va.med.hds.cd.config.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.config.api_1.0.0\
config.core.jar	plugins\gov.va.med.hds.cd.config.core_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.config.core_1.0.1\
config.dev.jar	plugins\gov.va.med.hds.cd.config.dev_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.config.dev_1.7.0\
config.test.jar	plugins\gov.va.med.hds.cd.config.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.config.test_1.0.1\
config.ui.jar	plugins\gov.va.med.hds.cd.config.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.config.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.config_1.0.0\
daoregistry.jar	plugins\gov.va.med.hds.cd.daoregistry.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.daoregistry.api_1.0.0\
daoregistry.core.jar	plugins\gov.va.med.hds.cd.daoregistry.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.daoregistry.core_1.0.0\
daoregistry.test.jar	plugins\gov.va.med.hds.cd.daoregistry.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.daoregistry.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.daoregistry_1.0.0\
help.jar	plugins\gov.va.med.hds.cd.help.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.help.api_1.0.0\
help.core.jar	plugins\gov.va.med.hds.cd.help.core_1.0.3\
manifest.xml	plugins\gov.va.med.hds.cd.help.core_1.0.3\
help.test.jar	plugins\gov.va.med.hds.cd.help.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.help.test_1.0.0\
help.ui.jar	plugins\gov.va.med.hds.cd.help.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.help.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.help_1.0.0\
itest.jar	plugins\gov.va.med.hds.cd.itest_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.itest_1.0.0\
m.jar	plugins\gov.va.med.hds.cd.m.api_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.m.api_1.0.1\
m.core.jar	plugins\gov.va.med.hds.cd.m.core_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.m.core_1.7.0\
m.test.jar	plugins\gov.va.med.hds.cd.m.test_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.m.test_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.m_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.mum.config_1.0.0\
mum.config.jar	plugins\gov.va.med.hds.cd.mum.config_1.0.0\

Files in ORRC_1_7.ZIP	
File Name	**Directory**
manifest.xml	plugins\gov.va.med.hds.cd.mum.test_1.7.0\
mum.test.jar	plugins\gov.va.med.hds.cd.mum.test_1.7.0\
WinUtils.dll	plugins\gov.va.med.hds.cd.mum.test_1.7.0\
boot.jar	plugins\gov.va.med.hds.cd.mum_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.mum_1.7.0\
mum.jar	plugins\gov.va.med.hds.cd.mum_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.print.api_1.0.0\
print.jar	plugins\gov.va.med.hds.cd.print.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.print.core_1.0.0\
print.core.jar	plugins\gov.va.med.hds.cd.print.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.print.test_1.0.1\
print.test.jar	plugins\gov.va.med.hds.cd.print.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.print.ui_1.0.0\
print.ui.jar	plugins\gov.va.med.hds.cd.print.ui_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.print_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.prism.api_1.0.0\
prism.api.jar	plugins\gov.va.med.hds.cd.prism.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.prism.core_1.7.1\
prism.core.jar	plugins\gov.va.med.hds.cd.prism.core_1.7.1\
manifest.xml	plugins\gov.va.med.hds.cd.prism.help_1.7.0\
prism.help.content.jar	plugins\gov.va.med.hds.cd.prism.help_1.7.0\
prism.help.jar	plugins\gov.va.med.hds.cd.prism.help_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.prism.test_1.0.0\
prism.test.jar	plugins\gov.va.med.hds.cd.prism.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.prism_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.rpclogger.test_1.0.1\
rpclogger.test.jar	plugins\gov.va.med.hds.cd.rpclogger.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.rpclogger_1.0.0\
rpclogger.jar	plugins\gov.va.med.hds.cd.rpclogger_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.runtime.api_1.0.0\
runtime.api.jar	plugins\gov.va.med.hds.cd.runtime.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.runtime.core_1.0.7\
runtime.core.jar	plugins\gov.va.med.hds.cd.runtime.core_1.0.7\
manifest.xml	plugins\gov.va.med.hds.cd.runtime.test_1.0.1\
runtime.test.jar	plugins\gov.va.med.hds.cd.runtime.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.runtime_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.security.api_1.0.1\
security.jar	plugins\gov.va.med.hds.cd.security.api_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.security.core_1.0.0\
security.core.jar	plugins\gov.va.med.hds.cd.security.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.security.test_1.0.0\
security.test.jar	plugins\gov.va.med.hds.cd.security.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.security_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.session.api_1.0.0\
session.api.jar	plugins\gov.va.med.hds.cd.session.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.session.core_1.0.0\
session.core.jar	plugins\gov.va.med.hds.cd.session.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.session_1.0.0\
ConnectorC++.dll	plugins\gov.va.med.hds.cd.sharedbroker_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.sharedbroker_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.spectrum.test_1.0.1\

Files in ORRC_1_7.ZIP	
File Name	**Directory**
spectrum.test.jar	plugins\gov.va.med.hds.cd.spectrum.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.spectrum_1.7.0\
spectrum.jar	plugins\gov.va.med.hds.cd.spectrum_1.7.0\
manifest.xml	plugins\gov.va.med.hds.cd.test_1.0.1\
test.jar	plugins\gov.va.med.hds.cd.test_1.0.1\
manifest.xml	plugins\gov.va.med.hds.cd.url.api_1.0.0\
url.jar	plugins\gov.va.med.hds.cd.url.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.url.core_1.0.0\
url.core.jar	plugins\gov.va.med.hds.cd.url.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.url.test_1.0.0\
url.test.jar	plugins\gov.va.med.hds.cd.url.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.url_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.workspace.api_1.0.0\
workspace.api.jar	plugins\gov.va.med.hds.cd.workspace.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.workspace.core_1.0.0\
workspace.core.jar	plugins\gov.va.med.hds.cd.workspace.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.workspace.test_1.0.0\
workspace.test.jar	plugins\gov.va.med.hds.cd.workspace.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.cd.workspace_1.0.0\
clinicaldata.jar	plugins\gov.va.med.hds.clinicaldata.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata.api_1.0.0\
clinicaldata.core.jar	plugins\gov.va.med.hds.clinicaldata.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata.core_1.0.0\
clinicaldata.dao.jar	plugins\gov.va.med.hds.clinicaldata.dao_1.0.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata.dao_1.0.0\
clinicaldata.test.jar	plugins\gov.va.med.hds.clinicaldata.test_1.0.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata.test_1.0.0\
clinicaldata.ui.jar	plugins\gov.va.med.hds.clinicaldata.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.clinicaldata_1.0.0\
dashboard.clinician.jar	plugins\gov.va.med.hds.dashboard.clinician.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.clinician.api_1.0.0\
dashboard.clinician.core.jar	plugins\gov.va.med.hds.dashboard.clinician.core_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.clinician.core_1.7.0\
dashboard.clinician.ui.content.jar	plugins\gov.va.med.hds.dashboard.clinician.ui_1.1.1\
dashboard.clinician.ui.jar	plugins\gov.va.med.hds.dashboard.clinician.ui_1.1.1\
manifest.xml	plugins\gov.va.med.hds.dashboard.clinician.ui_1.1.1\
manifest.xml	plugins\gov.va.med.hds.dashboard.clinician_1.0.0\
dashboard.common.api.jar	plugins\gov.va.med.hds.dashboard.common.api_1.1.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.common.api_1.1.0\
dashboard.common.core.jar	plugins\gov.va.med.hds.dashboard.common.core_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.common.core_1.7.0\
dashboard.common.ui.jar	plugins\gov.va.med.hds.dashboard.common.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.common.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.common_1.0.0\
dashboard.items.api.jar	plugins\gov.va.med.hds.dashboard.items.api_1.1.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.items.api_1.1.0\
dashboard.items.core.jar	plugins\gov.va.med.hds.dashboard.items.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.items.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.items_1.0.0\
dashboard.nurse.api.jar	plugins\gov.va.med.hds.dashboard.nurse.api_1.0.1\

Files in ORRC_1_7.ZIP	
File Name	**Directory**
manifest.xml	plugins\gov.va.med.hds.dashboard.nurse.api_1.0.1\
dashboard.nurse.core.jar	plugins\gov.va.med.hds.dashboard.nurse.core_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.nurse.core_1.7.0\
dashboard.nurse.ui.content.jar	plugins\gov.va.med.hds.dashboard.nurse.ui_1.7.0\
dashboard.nurse.ui.jar	plugins\gov.va.med.hds.dashboard.nurse.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.nurse.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.dashboard.nurse_1.0.0\
manifest.xml	plugins\gov.va.med.hds.querytool.api_1.1.0\
querytool.api.jar	plugins\gov.va.med.hds.querytool.api_1.1.0\
manifest.xml	plugins\gov.va.med.hds.querytool.core_1.1.0\
querytool.core.jar	plugins\gov.va.med.hds.querytool.core_1.1.0\
manifest.xml	plugins\gov.va.med.hds.querytool.help_1.1.0\
querytool.help.content.jar	plugins\gov.va.med.hds.querytool.help_1.1.0\
querytool.help.jar	plugins\gov.va.med.hds.querytool.help_1.1.0\
manifest.xml	plugins\gov.va.med.hds.querytool.test_1.1.0\
querytool.test.jar	plugins\gov.va.med.hds.querytool.test_1.1.0\
manifest.xml	plugins\gov.va.med.hds.querytool.ui_1.7.0\
querytool.ui.jar	plugins\gov.va.med.hds.querytool.ui_1.7.0\
manifest.xml	plugins\gov.va.med.hds.querytool_1.0.0\
manifest.xml	plugins\gov.va.med.hds.signature.api_1.0.0\
signature.api.jar	plugins\gov.va.med.hds.signature.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.signature.core_1.0.0\
signature.core.jar	plugins\gov.va.med.hds.signature.core_1.0.0\
manifest.xml	plugins\gov.va.med.hds.signature.ui_1.0.1\
signature.ui.content.jar	plugins\gov.va.med.hds.signature.ui_1.0.1\
signature.ui.jar	plugins\gov.va.med.hds.signature.ui_1.0.1\
manifest.xml	plugins\gov.va.med.hds.signature_1.0.0\
manifest.xml	plugins\gov.va.med.hds.task_1.7.0\
task.content.jar	plugins\gov.va.med.hds.task_1.7.0\
task.jar	plugins\gov.va.med.hds.task_1.7.0\
manifest.xml	plugins\gov.va.med.hds.util.dao.api_1.0.0\
util.dao.api.jar	plugins\gov.va.med.hds.util.dao.api_1.0.0\
manifest.xml	plugins\gov.va.med.hds.util.dao_1.0.0\
manifest.xml	plugins\gov.va.med.hds.util.m.test_1.0.2\
util.m.test.jar	plugins\gov.va.med.hds.util.m.test_1.0.2\
manifest.xml	plugins\gov.va.med.hds.util.m_1.0.0\
util.m.jar	plugins\gov.va.med.hds.util.m_1.0.0\
manifest.xml	plugins\gov.va.med.hds.util.test_1.0.2\
util.test.jar	plugins\gov.va.med.hds.util.test_1.0.2\
manifest.xml	plugins\gov.va.med.hds.util_1.0.2\
OSUtils.dll	plugins\gov.va.med.hds.util_1.0.2\
util.jar	plugins\gov.va.med.hds.util_1.0.2\
j2ee.jar	plugins\j2ee_1.3.1\
manifest.xml	plugins\j2ee_1.3.1\
jawin.jar	plugins\jawin\
jargs.jar	plugins\net.sourceforge.jargs_0.4.0\
LICENCE	plugins\net.sourceforge.jargs_0.4.0\
manifest.xml	plugins\net.sourceforge.jargs_0.4.0\
Src.jar	plugins\net.sourceforge.jargs_0.4.0\
jfcunit.jar	plugins\net.sourceforge.jfcunit_1.4.0\
license.txt	plugins\net.sourceforge.jfcunit_1.4.0\

Files in ORRC_1_7.ZIP	
File Name	**Directory**
manifest.xml	plugins\net.sourceforge.jfcunit_1.4.0\
LICENSE.txt	plugins\net.sourceforge.xmlunit_0.8.0\
manifest.xml	plugins\net.sourceforge.xmlunit_0.8.0\
xmlunit0.8.jar	plugins\net.sourceforge.xmlunit_0.8.0\
jdev-rt.jar	plugins\oracle\
LICENSE.txt	plugins\org.apache.jakarta.log4j_1.2.8\
Log4j-1.2.8.jar	plugins\org.apache.jakarta.log4j_1.2.8\
manifest.xml	plugins\org.apache.jakarta.log4j_1.2.8\
jakarta-regexp-1.2.jar	plugins\org.apache.regexp_1.2.0\
LICENSE.txt	plugins\org.apache.regexp_1.2.0\
manifest.xml	plugins\org.apache.regexp_1.2.0\
LICENSE	plugins\org.apache.xerces_2.3.0\
LICENSE-DOM.html	plugins\org.apache.xerces_2.3.0\
LICENSE-SAX.html	plugins\org.apache.xerces_2.3.0\
manifest.xml	plugins\org.apache.xerces_2.3.0\
xercesImpl.jar	plugins\org.apache.xerces_2.3.0\
xercesSamples.jar	plugins\org.apache.xerces_2.3.0\
xml-apis.jar	plugins\org.apache.xerces_2.3.0\
xmlParserAPIs.jar	plugins\org.apache.xerces_2.3.0\
dom4j-core.jar	plugins\org.jaxen_0.9.0\
jaxen-core.jar	plugins\org.jaxen_0.9.0\
jaxen-dom.jar	plugins\org.jaxen_0.9.0\
jaxen-dom4j.jar	plugins\org.jaxen_0.9.0\
jaxen-exml.jar	plugins\org.jaxen_0.9.0\
jaxen-full.jar	plugins\org.jaxen_0.9.0\
jaxen-jdom.jar	plugins\org.jaxen_0.9.0\
manifest.xml	plugins\org.jaxen_0.9.0\
junit.jar	plugins\org.junit_3.8.1\
license.htm	plugins\org.junit_3.8.1\
manifest.xml	plugins\org.junit_3.8.1\
Src.jar	plugins\org.junit_3.8.1\
license.html	plugins\org.mockmaker_1.12.0\
manifest.xml	plugins\org.mockmaker_1.12.0\
mmmockobjects.jar	plugins\org.mockmaker_1.12.0\
MockMaker.jar	plugins\org.mockmaker_1.12.0\
license.txt	plugins\org.saxpath_0.0.0\
manifest.xml	plugins\org.saxpath_0.0.0\
saxpath.jar	plugins\org.saxpath_0.0.0\

Appendix D: Known Issue – Disappearing links

Problem
The text of many links disappears (becomes "whited out") after clicking once. A dotted box is displayed to show the location of the link, and the link is still usable.

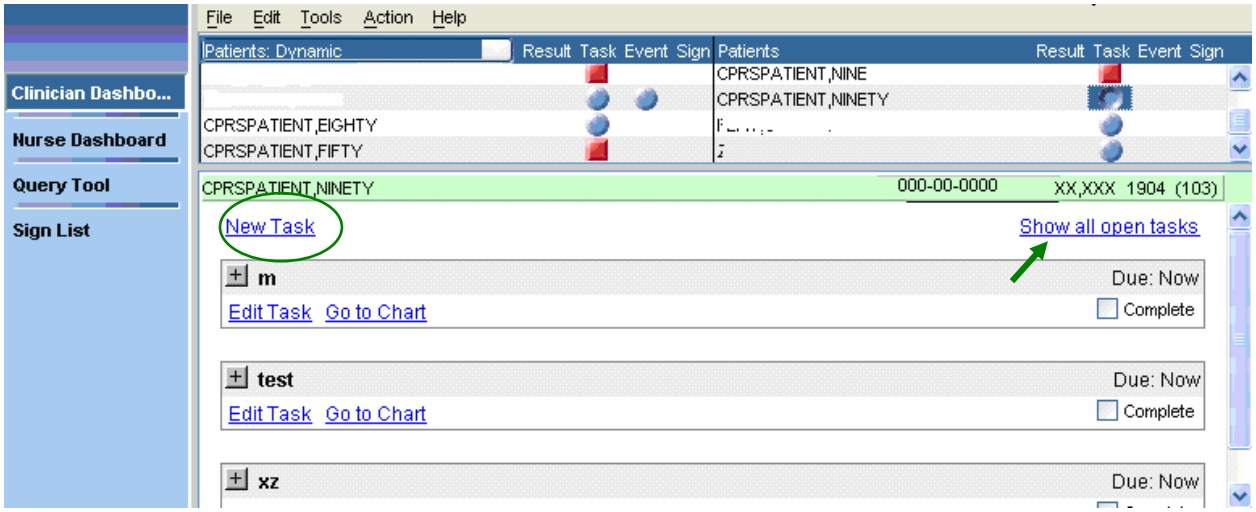
This issue is related to the version of Java Runtime Environment (JRE); it occurs in all versions of JRE1.4.2 that are higher than JRE1.4.2_01. JRE 1.4.2_01 with which the application was originally tested didn't have a links problem, but had several other problems. After careful analysis, it was found that each JRE had its pros and cons, but JRE1.4.2_12 was the most compatible version. The links issue was classified as a low priority issue compared to the other issues.

Remediation
After you click a link, sometimes the link text disappears, and a dotted box is displayed. You can still click on the box to invoke the link. Also you may click in the pane that contains the link to restore the text.

The following example demonstrates that the links actually work, despite the missing text.

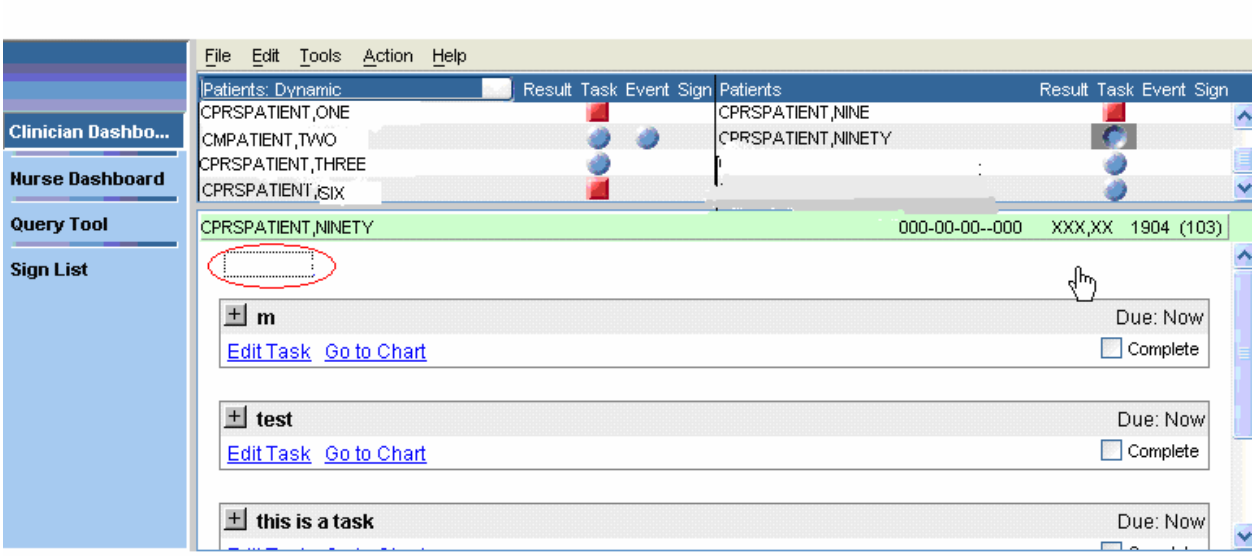
Example

1. Click Show all open tasks link.



2. The New Task link text disappears, and a dotted box is displayed.

Note: Clicking on the box will still work and invoke the New Task dialog.



3. If you click the task button again, the New Task text re-appears.