



Compensation and Pension Record Interchange (CAPRI)

GUI Installation Supplemental Guide

January 2012

Version 2.0

**Department of Veterans Affairs
Office of Information and Technology (OIT)
Management & Financial Systems**

Revision History

Date	Version	Description	Author
May 2011	1.0	Initial Document developed for Patch DVBA *2.7*168.	Mike Reisz
January 2012	2.0	Document reviewed for Patch DVBA*2.7*180. Additional instructions provided for Windows 7 installations.	Ron McGinnis / Kristina Delacruz

Preface

Purpose of the Installation Guide

This GUI Installation Supplemental Guide provides instruction for installation of CAPRI.exe and associated files to accommodate the introduction of Attachmate Reflection and CAPRI .map file.

Reference Numbering System

This document uses a numbering system to organize its topics into sections and show the reader how these topics relate to each other. For example, section 1.3 means this is the main topic for the third section of Chapter 1. If there were two subsections to this topic, they would be numbered 1.3.1 and 1.3.2. A section numbered 2.3.5.4.7 would be the seventh subsection of the fourth subsection of the fifth subsection of the third topic of Chapter 2. This numbering system tool allows the reader to more easily follow the logic of sections that contain several subsections.

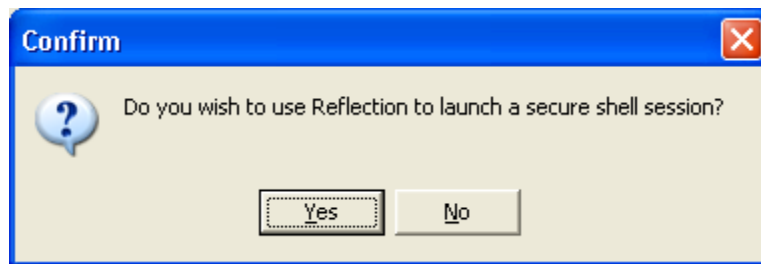
Table of Contents

1. Purpose	1
2. Pre-Installation	1
2.1 <i>Attachmate Reflection Installation Requirements.....</i>	<i>1</i>
3. Installation Procedures	1
3.1 <i>Additional Installation Files</i>	<i>1</i>
3.1.1. CAPRI.map	1
3.1.2. CAPRISession.r2w.....	2
3.1.3. ssh_config.....	2
3.2 <i>CAPRI Configuration for Windows 7 and Non-standard Reflection Installations.....</i>	<i>3</i>
3.2.1. Windows 7 Installation	3
3.2.2. Non-standard Reflection installations.....	4

1. Purpose

The primary purpose of this document is to provide information for installing patch CAPRI.exe and associated files to accommodate the introduction of Attachmate Reflection and the CAPRI.map file.

Attachmate Reflection is used as an option for providing secure shell sessions. After clicking on the the CAPRI “Vista” button, the user will be prompted with the following popup window dialog:



If the user selects “Yes,” CAPRI will launch a secure shell session utilizing Attachmate Reflection. Other than the installation notes contained within this document, no further configuration is required to use Reflection.

If the user selects “No” the traditional CAPRI Telnet form will be used to establish a session.

2. Pre-Installation

This section describes potential action that is necessary to install this software.

2.1 Attachmate Reflection Installation Requirements

CAPRI began using Attachmate Reflection to facilitate secure shell terminal sessions starting with CAPRI v168. This functionality is only available to users who connect through the CLAIMS system and initiate terminal sessions with the “Vista” button. In order to use this functionality, Attachmate Reflection must be installed on the user’s workstation.

3. Installation Procedures

This section provides the necessary steps required for installing CAPRI. The estimated installation time is less than five minutes during off peak hours.

3.1 Additional Installation Files

In addition to the executable file, there are three other files included with the CAPRI installation zip. The general purpose of these files and where they need to be located are as follows:

3.1.1. CAPRI.map

The CAPRI.map file contains a list of error addresses and source code line numbers that CAPRI utilizes to provide more detailed information to the development team when an error occurs in CAPRI.

- CAPRI.map is not required for CAPRI to function, but its presence is recommended
- CAPRI.map should be located in the same directory as the CAPRI executable (CAPRI.exe)

3.1.2. CAPRISession.r2w

- CAPRISession.r2w is an Attachmate Reflection configuration file. It configures Reflection to terminate when a terminal session disconnects
- CAPRISession.r2w is not required for CAPRI to function, but its presence is recommended
- CAPRISession.r2w should be located in the same directory as the CAPRI executable (CAPRI.exe)

3.1.3. ssh_config

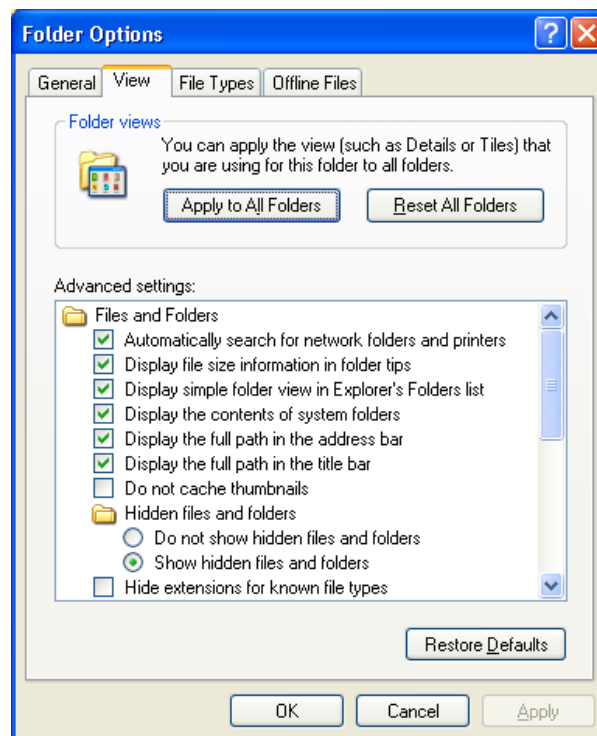
The ssh_config file provides the parameters used by Attachmate Reflection Secure Shell to configure PC-to-host security options. CAPRI does not require this file for most functions, but it is required when establishing Reflection Secure Shell terminal sessions using the “Vista” button.

- The directory location of the ssh_config file depends on the operating system version
- Windows XP: C:\Documents and Settings\All Users\Application Data\Attachmate\Reflection
- Windows 7: C:\ProgramData\Attachmate\Reflection

NOTE: The target folder for ssh_config is typically hidden on most systems.

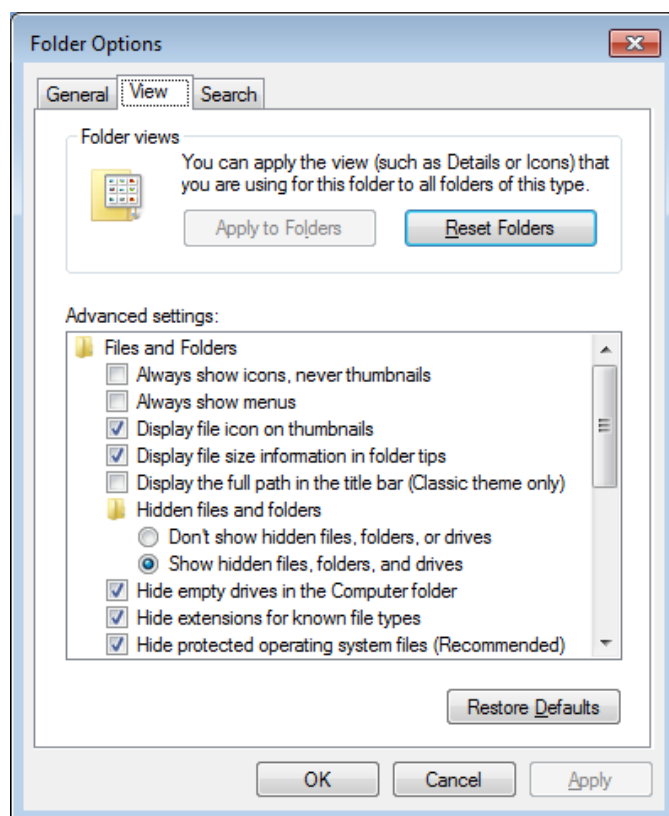
To show hidden files and folders on Windows XP, perform the following steps:

1. Right click on the start button and select “Explore” to launch explorer
2. From the menu at the top of explorer, select Tools\Folder options
3. In the resulting dialog, select the “View” tab
4. Select “Show hidden files and folders” and click OK



To show hidden files and folders on Windows 7, perform the following steps:

1. Click the Start button
2. Click Control Panel
3. Click Appearance and Personalization
4. Click Folder Options
5. In the Folder Options dialog, select the “View” tab
6. Select “Show hidden files and folders” and then click OK



3.2 CAPRI Configuration for Windows 7 and Non-standard Reflection Installations

Prior to launching Reflection, CAPRI searches the directory path that contains the CAPRI executable (CAPRI.exe) for an optional plain text configuration file named "CapriTerminalEmulators.ini". The purpose of the configuration file is to specify an alternate path that contains the Reflection executable (R2win.exe). If CAPRI does not detect the configuration file, then CAPRI assumes that the Reflection executable exists in the default Windows XP Reflection installation path: "C:\Program Files\Attachmate\Reflection".

3.2.1. Windows 7 Installation

NOTE: Sites that run a mixture of Windows XP and Windows 7 workstations and access the CAPRI executable from a central location, such as a share drive or terminal server, must create a new directory on the share to contain the CAPRI executable and the configuration file. Windows 7 users should access the

CAPRI executable from the new directory, while Windows XP users should continue to access the CAPRI executable from the original directory.

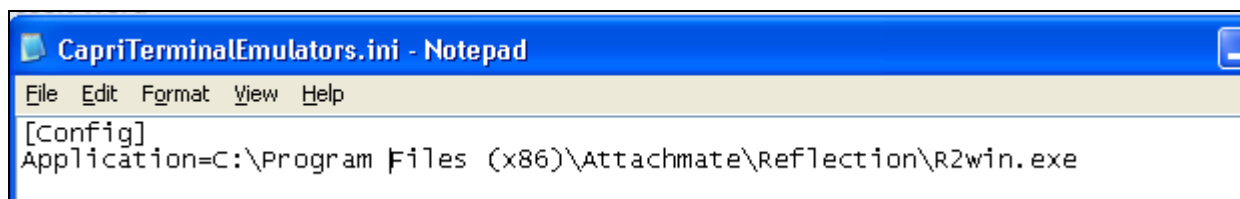
The example "CapriTerminalEmulators.ini" configuration file provided with patch DVBA*2.7*180 is configured to provide support for the default installation path of Attachmate Reflection on a Windows 7 workstation. Place the configuration file in the same directory that contains the CAPRI executable.

Alternatively, use the following procedure to create the configuration file:

1. Create the configuration file named "CapriTerminalEmulators.ini" using a plain text editor, such as Notepad
2. Populate the configuration file with the following two lines:

[Config]

Application=C:\Program Files (x86)\Attachmate\Reflection\R2win.exe



3. Save the file and place it in the same directory that contains the CAPRI executable.

3.2.2. Non-standard Reflection installations

If Reflection is installed in an alternate location, CAPRI can be configured to accommodate this. In order to do this, one should create a file named "CapriTerminalEmulators.ini" in the directory that contains the "CAPRI.exe" file. In this file, one should specify the location of the "Reflection R2Win.exe". For example, in order to specify a Reflection installation located in "C:\My Files\Attachmate\Reflection", "CapriTerminalEmulators.ini" should contain the following two lines:

[Config]

Application=C:\My Files\Attachmate\Reflection\R2win.exe

