

The Reflection Suite for Windows

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What is The Reflection Suite for the Enterprise™?

The Reflection Suite for the Enterprise is a set of programs that includes the “Telnet” and “TN3270” Telnet client terminal emulators. Other commonly used network software is also included in the suite.

Why should I use The Reflection Suite?

By using The Reflection Suite’s telnet client programs and the Internet, you can connect to RIT’s multi-user computer systems from virtually anywhere in the world. You can use on-campus Ethernet (in a lab, office, or residence hall), or RIT’s modem-based DialIP service to establish an Internet connection from your computer.

Once connected, you can use The Reflection Suite’s Telnet programs to log in to RIT’s OpenVMS (VAXA, VAXB, etc.) or Digital UNIX (Grace) computers with your RIT account. You can also log in to RIT’s MVS (IBM CICS) computer. For general information on Telnet, consult the Telnet Start document available at the ITS HelpDesk. For more information on Reflection, consult the WRQ web site at <http://www.wrq.com/products/reflection/win/rmhe/>

How do I install Reflection Suite programs?

Follow these instructions to install the Telnet, TN3270, and FTP client programs for the Reflection Suite for the Enterprise version 7. You can use this document to install other versions of Reflection, but the procedure may be slightly different.

Make sure your network connection is working properly, and read this entire document before you attempt to install these programs.

Note: If you are installing The Reflection Suite on a Windows NT computer, you must log in to an account that has administrative rights. The standard “RIT User” account has these rights.

1. Insert your Reflection Suite for the Enterprise for Windows CD in your CD-ROM drive. If your drive has AutoPlay capabilities, “The Reflection Suite for the Enterprise” dialog box appears automatically. If this does not happen, do the following:
 - Click on the Windows “Start” button.
 - Click “Run”.
 - Type “X:\setup” in the dialog area, where X is the letter corresponding to the name of your CD-ROM drive.
2. Click on the words “Reflection Suite for the Enterprise (using single-user Setup)”. The “End User License Agreement” dialog box appears.
3. Click “Accept” to accept the License Agreement. A “Welcome to Reflection Setup” message appears.

4. Click “Next”. A “Reflection Folder” message appears. Reflection files will be installed in the “C:\Program Files\Reflection” folder.
5. Click “Next”. A “User Folder” message appears telling you that the user folder will be “C:\Program Files\Reflection\User”.
6. Click “Next”. A dialog box appears asking you to select the Reflection components you want to install.
7. Remove the check marks from all but the top two boxes of the components list. The top two boxes, “IBM Host Access” and “UNIX/VMS Host Access”, should remain checked so you can install these programs. The remaining boxes should be unchecked or your network setup will become corrupted.
8. Click once on the words “Network Applications” to highlight them in the window. Make sure the check box on this line is not checked. This is so you can add the FTP client, and only the FTP client under this heading.
9. Click the “Details” button. A dialog box appears asking you to select other components to install.
10. Click inside the box next to “FTP Client”. A check mark appears in the box.
11. Click the “OK” button and you return to the previous component checklist. A check mark now appears in the “Network Applications” box.
12. Click “Next”. A “Shortcut Folder Options” message appears saying that the Reflection icons (shortcuts) will be installed in the “Reflection” program folder. Make sure the “Do not create shortcuts” box is not checked.
13. Click “Next”. A “Default Application Settings” message appears with the “Telnet” and “TN3270” boxes checked.
14. Click “Next”, and then click “Finish”.
15. Setup installs the program files and the “Setup Successful” dialog box appears.
16. Click “Exit Setup” (for Windows NT) or “Restart Windows” (for Windows 95/98). Now you can configure Reflection (see below).

How do I configure Reflection Suite programs?

Follow these instructions to configure The Reflection Suite’s programs to connect to RIT’s multi-user computer systems.

Configure Reflection’s “Telnet” client to connect to RIT’s OpenVMS computers

1. Click on the Windows “Start” button, click on “Programs”, click on “Reflection”.
2. Click on “Host-Unix and Digital”. The “Untitled – Reflection for ReGIS Graphics” dialog box appears.

3. Click on the “Connection” menu and choose “Connection Setup”. The “Connection Setup” dialog box appears.
4. Type “ritvms.rit.edu” in the “Host/Service Name:” dialog box.
5. Click “OK”.
6. Click on the “Setup” menu and choose “Terminal”. The “Terminal Setup” dialog box appears.
7. Click on the “Keyboard” tab.
8. Click the “Delete” button next to “VT Backspace Sends:”.
9. Click “OK”.
10. Click on the “File” menu and choose “Save As”.
11. Type “VMS.r4w” in the “File name” box.
12. Click the “Shortcut” button. The “Shortcut” dialog box appears. Make sure that the “Create a shortcut when saving settings files” box is checked, then click the “On the Windows Desktop” button to select it.
13. Click “OK”.
14. Click the “Save” button. A shortcut is placed on your desktop.
15. Click “File” and choose “Exit”. You can now log in to RIT’s OpenVMS computers (VAXA, VAXB, etc.) by double-clicking on the “VMS” icon you just created on your desktop.

Configure Reflection’s “Telnet” client to connect to RIT’s Digital Unix computers

1. Click on the Windows “Start” button, click on “Programs”, click on “Reflection”.
2. Click on “Host-Unix and Digital”. The “Untitled – Reflection for ReGIS Graphics” dialog box appears.
3. Click on the “Connection” menu and choose “Connection Setup”. The “Connection Setup” dialog box appears.
4. Type “grace.rit.edu” in the “Host/Service Name:” dialog box.
5. Click “OK”.
6. Click on the “Setup” menu and choose “Terminal”. The “Terminal Setup” dialog box appears.
7. Click on the “Keyboard” tab.
8. Click the “Delete” button next to “VT Backspace Sends:”.

9. Click "OK".
10. Click on the "File" menu and choose "Save As".
11. Type "Grace.r4w" in the "File name" box.
12. Click the "Shortcut" button. The "Shortcut" dialog box appears. Make sure that the "Create a shortcut when saving settings files" box is checked, then click the "On the Windows Desktop" button to select it.
13. Click "OK".
14. Click the "Save" button. A shortcut is placed on your desktop.
15. Click "File" and choose "Exit". You can now log in to RIT's Digital Unix computer (Grace) by double-clicking on the "Grace" icon you just created on your desktop.

Configure Reflection's "TN3270" client to connect to RIT's IBM Mainframe computer

1. Click on the Windows "Start" button.
2. Click on "Programs."
3. Click on "Reflection".
4. Click on "Host - Mainframe". The "Enter Host Name or IP Address" dialog box appears.
5. Click "Cancel". The "Reflection – IBM 3270 Terminal" window becomes active.
6. Click on the "Connection" menu and choose "Session Setup". The "Session Setup" dialog box appears.
7. Type "ritmvs.rit.edu" in the "Host name or IP address" dialog area.
8. Click "OK".
9. Click on the "File" menu and choose "Save As". The "Save Settings File" dialog box appears.
10. Type "CICS.rsF" in the "File name" box.
11. Click the "Shortcut" button. The "Shortcut" dialog box appears. Click in the "Create a shortcut when saving settings files" box to select it, then click the "On the Windows Desktop" button to select it.
12. Click "OK".
13. Click the "Save" button. A shortcut is placed on your desktop.
14. Click "File" and choose "Exit". You can now log in to RIT's IBM Mainframe computer by double-clicking on the "CICS" icon you just created on your desktop.

Contacting the ITS HelpDesk

Phone Support: (585) 475-HELP or 475-2810 (TTY)

Email: helpdesk@rit.edu

Web Address: <https://www.rit.edu/its/help/>

In Person: Gannett Building, Room 7B-1113

Contacting the Resnet (Residential Computing) HelpDesk

Phone Support: (585) 475-2600 or 475-4927 (TTY)

Email: resnet@rit.edu

Web Address: <https://www.rit.edu/its/services/resnet/>

In Person: Nathaniel Rochester Hall (Building 43), Room 1034

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