

Enterprise System & Services — Telecommunications Division

Cisco VPN Client Setup Guide

If you have not downloaded the Cisco Windows VPN setup file, please go [here](#).

Verifying system requirements

Verify that your computer meets these requirements:

- Computer with a Pentium®-class processor or greater.
- One of the following operating systems:
 - Microsoft® Windows® 95, Windows 98, or Windows 98 second edition
 - Windows ME
 - Windows NT® 4.0 (with Service Pack 3, or higher)
 - Windows 2000
- Microsoft TCP/IP installed. (Confirm via **Start > Settings > Control Panel > Network > Protocols or Configuration.**)
- 10 MB hard disk space.
- RAM:
 - 16 MB for Windows 95/98, or
 - 32 MB for Windows NT and Windows ME.
 - 64 MB for Windows 2000.

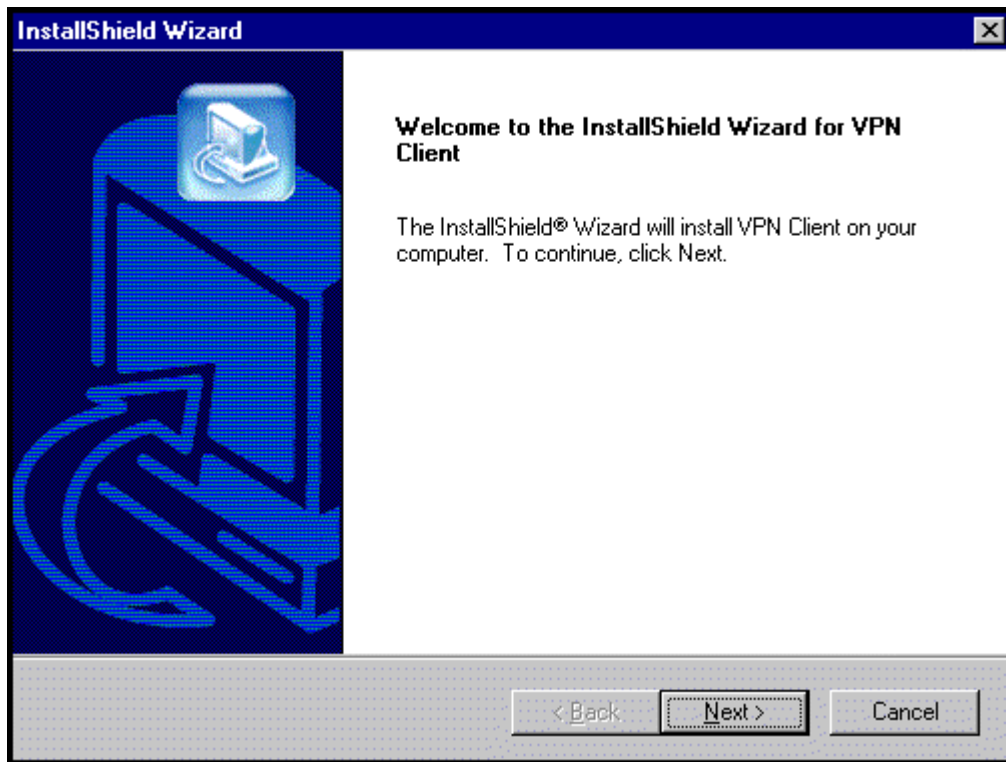
Installing the VPN Client

To install the VPN Client on your system, follow these steps.

1. Exit all Windows programs, and disable any anti-virus software.

Once the file has been downloaded. Click on it to launch the Install wizard shown below.

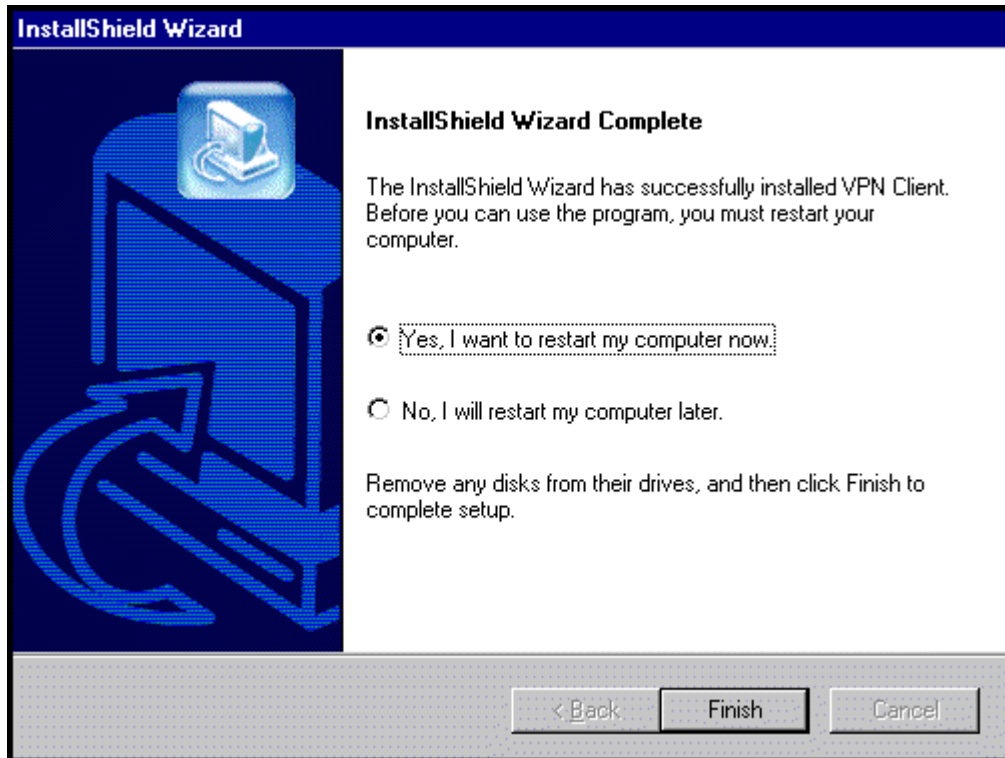
Figure 2-1: Initial VPN Client installation window



Follow the directions on the screens and enter the following information:

A destination folder for the VPN Client files (or **Next>** to enter the default location C:\Program Files\Cisco Systems\VPN Client).

After you have installed the VPN Client, the InstallShield Wizard displays the following screen. You must restart your computer before you can configure and use the VPN Client.



- To restart now, click **Finish**. Your system reboots. *Be sure to remove any diskette from the drive before you reboot.*
- To restart later, click the **No** radio button and then click **Finish**. The VPN Client Setup closes. Remember: *you must restart your computer before you can use the VPN Client.*

After you have rebooted your computer you will need to create a connection entry in order to start using the Rutgers VPN.

What is a connection entry?

To use the VPN Client, you must create at least one connection entry, which identifies:

- The VPN device (the remote server) to access.
- For preshared keys — The IPsec group to which the system administrator assigned you. Your group determines how you access and use the remote network. For example, it specifies access hours, number of simultaneous logins, user authentication method, and the IPsec algorithms your VPN Client uses.

Information needed to configure your connection entry

Hostname of the Rutgers VPN Server

vpn.Rutgers.edu

IPSEC group name(NOTE:case sensitive)

rutgers-ipsec

IPSEC password(NOTE:case sensitive)

rutgers

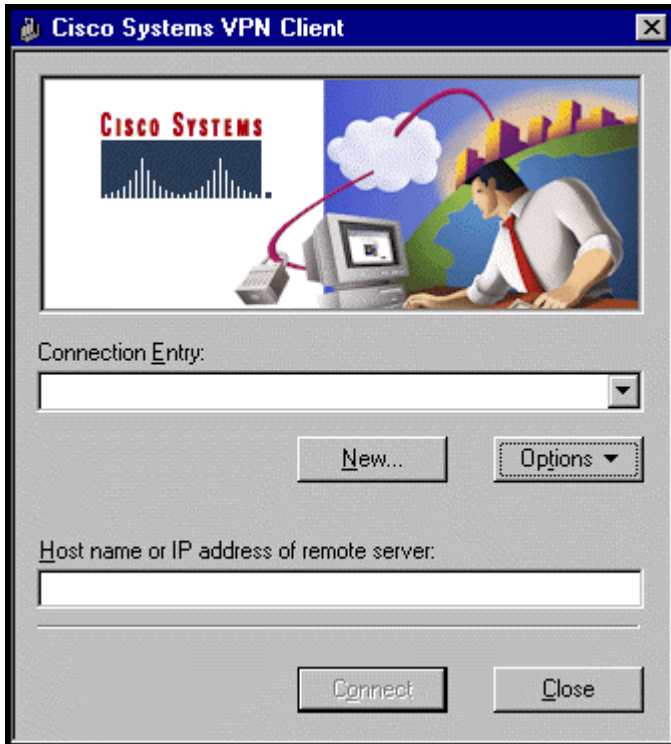
Enter your eden or rci username and password

[yourusername@eden](#)

How to create a new connection entry

Start the VPN Client by selecting **Start > Programs > Cisco Systems VPN Client > VPN Dialer**.

The VPN Client starts and displays its main dialog box



1. At the main dialog, click **New**.

The first **New Connection Entry Wizard** dialog appears.

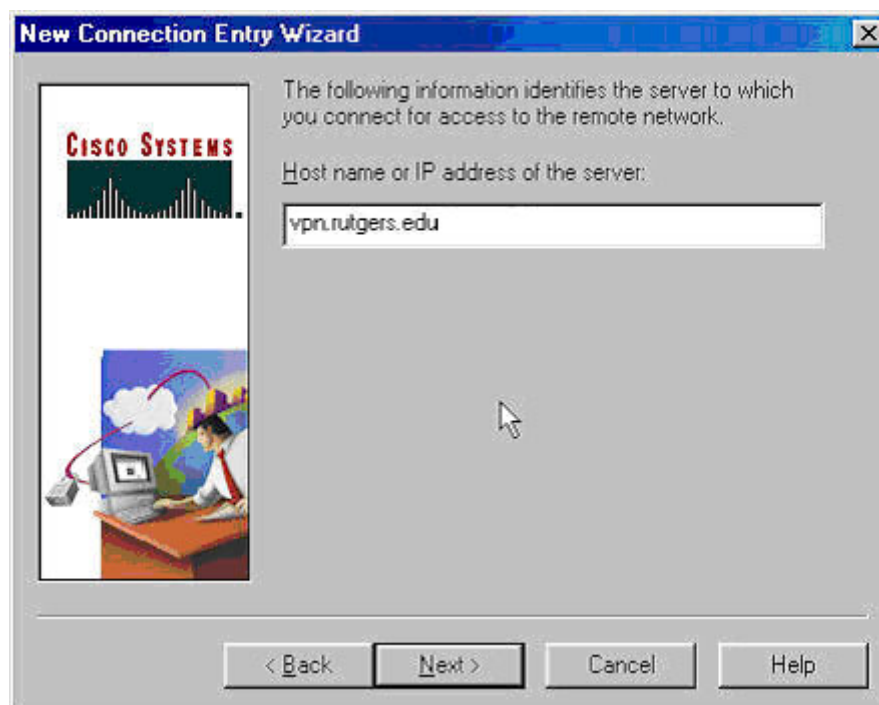
New Connection Entry Wizard dialog



2. Enter a unique name for this new connection. You can use any name to identify this connection; for example, *Rutgers VPN*. This name can contain spaces, and it is not case-sensitive.
3. Enter a description of this connection. This field is optional, but it helps further identify this connection. For example, *Access to Rutgers VPN*
4. Click **Next**.

The second **New Connection Entry Wizard** dialog appears

New Connection Entry Wizard dialog 2



5. Enter the hostname or IP address of the remote VPN device you want to access, and click **Next**.

The third **New Connection Entry Wizard** dialog appears.

New Connection Entry Wizard dialog 3

New Connection Entry Wizard

Your administrator may have provided you with group parameters or a digital certificate to authenticate your access to the remote server. If so, select the appropriate authentication method and complete your entries .

Group Access Information

Name:

Password:

Confirm Password:

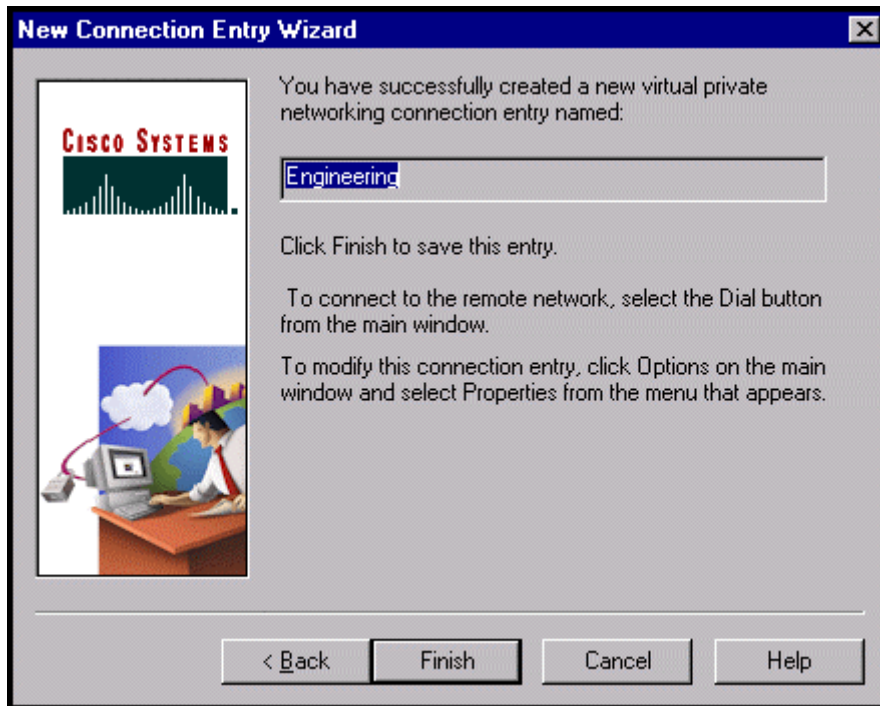
Certificate

Name:

< Back Next > Cancel Help

- *If you are using group authentication --*
 - Enter the following information in the dialog
 - In the **Name:** field, enter the name of the IPsec group to which you belong- Maximum 32 characters. This entry is case-sensitive.
 - In the **Password:** field, enter the password (also case-sensitive) for your IPsec group - Maximum 32 characters. The field displays only asterisks.
 - Verify your password by entering it again in the **Confirm Password** field.

New Connection Entry Wizard dialog 4



7. Review the connection entry name. If you want to change any previous entries, click **Back** until you get to the desired dialog.

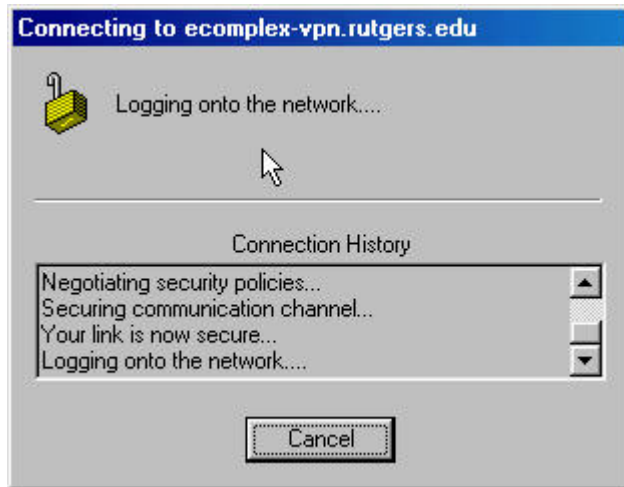
8. To complete your entry, click **Finish**.

The **New Connection Entry Wizard** dialog closes. Your new connection entry now appears in the **Connection Entry** drop-down list on the VPN Client's main dialog.

At this point click connect and the VPN client and the concentrator will begin to negotiate the connection. When the operating parameters are agreed upon you will be prompted to enter your RCI (rci) or ICI(eden) account and password.



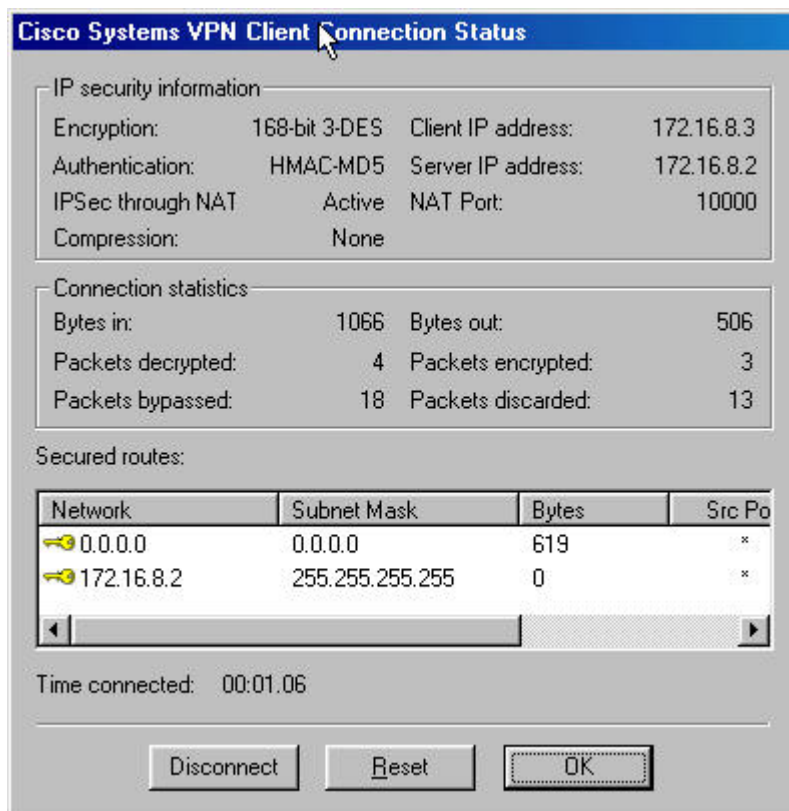
The following message shows some additional security negotiation between the Client and the VPN server.



Once you have successfully connected to the VPN server an icon will appear in the task tray in the bottom right corner(next to the clock).



PLEASE NOTE: By double clicking on the icon next to the clock you will be provided with statistics about your session.



Disconnecting from the VPN

- 1) Find the connection located next to the clock in the task tray.(icon shown above)
- 2) Double click on the icon.
- 3) Select disconnect.

If you have any questions or Problems, call the information center at 732-445-HELP.