

CiscoWorks Windows CD Installation Instructions for Windows/HP OpenView

This instruction book provides information about installing and running CiscoWorks Windows on your network management station.

CiscoWorks Windows is a GUI-based device management software application that provides dynamic status, statistics, and comprehensive configuration information for Cisco Systems internetworking products.

CiscoWorks Windows allows you to display a graphical representation of each network device, display configuration and performance information, perform minor troubleshooting tasks, and control and configure specific devices.

For more information about using CiscoWorks Windows, see the *CiscoWorks Windows Getting Started Guide*.

System Requirements

This section provides CiscoWorks Windows software and hardware requirements.

Software

You must install either Microsoft (MS) Windows 95 or Windows NT 3.51 or 4.0, TCP/IP enabled, to run Cisco Works Windows.

CiscoWorks Windows uses the native WINSOCK stacks supplied with these operating systems.

You can install CiscoWorks Windows in one of two ways:

- As a standalone application.
- On Hewlett-Packard OpenView (HP OpenView) for Windows 7.2 (Version C.02.17), 7.3 (Version D.0.2).

Hardware

The following components are the minimum hardware requirements for running CiscoWorks Windows:

- IBM PC-compatible 486 (586 Pentium and 90 MHz recommended)
- SVGA color monitor and graphics adapter
- 32 megabytes (MB) of random access memory (RAM)
- 130 MB available hard drive space, depending on the number of devices you install
- Windows-compatible CD-ROM drive
- Network driver interface specification/Open Data Link Interface (NDIS/ODI)-compliant network adapter card
- Mouse or mouse-compatible pointing device

Choosing the Installation Environment

CiscoWorks Windows can be installed as a standalone or with HP OpenView. You could use CiscoWorks Windows as a standalone in the following situations:

- You have limited memory and/or limited disk space available
- You have a small network with only a few routers to manage
- You do not need Show Commands or Health Monitor applications

You could use CiscoWorks Windows with HP OpenView in the following situations:

- You can use Auto Discovery to discover all the devices on your network and graphically represent them on a map
- You can launch CiscoView from a router icon on the HP OpenView map
- You can use the SNMP manager to query the MIBs
- You can view alarm log

If you are installing CiscoWorks Windows for use with HP OpenView, ensure HP OpenView is installed first, then proceed to “Installing

CiscoWorks Windows.” If you are installing CiscoWorks Windows as a standalone, proceed to “Installing CiscoWorks Windows.”

Note For installation on HP OpenView for Windows refer to HP OpenView Installation Guide.

Installing CiscoWorks Windows

Note To install CiscoWorks Windows, you must be an administrator or a user with administrative rights.

This installation procedure performs the following functions:

- Detects any existing CiscoWorks Windows or CiscoVision installation.
- Allows you to automatically remove an existing CiscoWorks Windows or CiscoVision installation.
- Incrementally installs all required files.

Note If you are upgrading from Configuration Builder 1.1 or 2.0 to Configuration Builder 2.1, back up all Configuration Builder 1.1 or 2.0 data files before beginning the installation procedure. For a list of data

file types, see the “Using CiscoWorks Windows Features” chapter in the *CiscoWorks Windows Getting Started Guide*.

Perform the following procedure to install CiscoWorks Windows:

- 1 Insert the CiscoWorks Windows CD into your CD-ROM drive.

If you are using Windows 95/Windows NT 4.0, select **Start>Run**, or select **Start>Settings>Control Panel>Add/Remove Programs** and click *Install*.

If you are using Windows NT 3.51, select **File>Run**.

- 2 Enter the letter that indicates the CD-ROM drive followed by a colon, a backslash, and **setup** and click **OK**. For example:

d:\setup

The Welcome dialog box appears.

- 3 Click on **Next**.

The User Information dialog box appears.

- 4 Enter your name and company; then click on **Next**.

The Select Installation Option dialog box appears.

- 5 Click on **HP OpenView**, or **StandAlone**; then click on **Next**.

If you choose HP OpenView, you must have the network management platform installed; otherwise, this program exits. You can re-run the CiscoWorks Windows installation program after installing the appropriate network management platform. If you choose StandAlone, only the CiscoView and Configuration Builder applications are operational. The Choose Destination Location dialog box appears.

- 6 Keep the default or enter the directory in which you want to install CiscoWorks Windows. A browse button is provided for finding the directory. After choosing the destination directory, click on **Next**.

If either CiscoWorks Windows or CiscoVision exists on your system, you can choose to install the new version in the same directory. This automatically uninstalls the previous version. If you choose to install CiscoWorks Windows in a different directory, the previous version is not uninstalled and might not function properly.

- 7 The Device Installation dialog box appears. You can choose the individual devices you want to install or choose **Select All** to select all devices; then click on **OK**.

To install devices later, choose **Cancel**.

The Start Copying Files dialog box appears.

- 8 To begin the file installation, click on **Next**.

The Copying Files display appears, showing you the percentage of the program successfully installed.

If the message “Not Enough Disk Space” displays, the setup program terminates. You need to free up disk space. A minimum of 130 MB is required, depending on the number of devices you install. See the section, “System Requirements” for more information. The Setup Complete dialog box appears.

- 9 Select an option; then click **Finish** to complete the CiscoWorks Windows installation. The options that appear for you depend on your installation type.

For a standalone installation, you can view the *README* file and run CiscoView. For an HP OpenView installation, you can either restart your computer now or restart it later.

To load the MIBs into HP OpenView, continue to the section “Loading the Management Information Base (MIB).”

Loading the Management Information Base (MIB)

If you are using HP OpenView, you need to load MIBs into the HP OpenView Simple Network Management Protocol (SNMP) MIB database after installation. This allows the CiscoView and Health Monitor applications to query devices for information.

To load the MIBs, run the batch file *ovmibs.bat*. This file is located in the subdirectory *MIBS* under the directory in which HP OpenView is installed.

Errors Integrating MIBs into HP OpenView

Some errors will be reported during the installation when loading MIBs into the HP OpenView for Windows.

For more information and workaround suggestions refer to:

http://www.cisco.com/public/mibs/app_notes/mib-compilers

or

ftp://ftpeng.cisco.com/pub/mibs/app_notes/mib-compilers

Starting CiscoWorks Windows

Perform the following procedure to start CiscoWorks Windows:

- 1 Double-click on the CiscoWorks Windows icon in the CiscoWorks Windows Program Manager Group for Windows NT 3.5.1 or select **Start>Programs>CiscoWorks Windows>CiscoWorks Windows** in Windows 95 or Windows NT 4.0.
- 2 If you are using HP OpenView, you must rediscover all network maps to properly display Cisco devices.

If you are using HP OpenView, use the HP OpenView Autodiscovery menu options to discover your network and create a network map. See the HP OpenView for Windows documentation for details.

- 3 To start a CiscoWorks Windows application, either double-click on the CiscoView icon in standalone mode or double-click on a Cisco device within the network map.

Note HP OpenView uses a significant amount of memory. If you have trouble starting CiscoWorks Windows, see the section, “HP OpenView Memory Issues” in the *CiscoWorks Windows Getting Started Guide*.

Depending on your type of installation, the following programs are listed:

- If you installed CiscoWorks Windows on HP OpenView, you should have: Configuration Builder, CiscoWorks Windows (which starts HP OpenView), the *README* File, Install Device, Uninstall Device, and Uninstall CiscoWorks. Click on *README* to read CiscoWorks Windows software release information.
- If you installed CiscoWorks Windows in a standalone mode, you should have: Configuration Builder, CiscoView, the *README* file, Install Device, Uninstall Device, and Uninstall CiscoWorks.

Downloading Device Packages

This section provides a quick reference to downloading device packages from CCO. If you do not have Internet access, skip this section (see “Additional Documentation”). For the detailed description of downloading devices, see the Software Library Web page at <http://www.cisco.com/public/library>.

- 1 Check the version number of CiscoView. Bring up CiscoView (see “Starting CiscoWorks Windows” for instructions).
- 2 Once in CiscoView, select **Help>About CiscoView**. It should be 4.0 or later.

Note In all cases, CiscoWorks Windows should be version 3.0 or later.

- 3 Close CiscoView by selecting **File>Exit**.
- 4 Create a permanent location for the *cv_pkgs* directory. For example, *c:\cv_pkgs*.

5 Access CCO.

You can access CCO as a guest or as a registered user.

To be granted special file access as a guest do the following:

Call TAC at 1-800-553-2447 or 1-408-526-7209, state the product you are using, and you are transferred to the appropriate person to obtain your special access code.

Open your Web browser and enter
<http://www.cisco.com/public/library>

Enter your special access code in the Other Software Products/Special Files section.

Select the device tar file and a download option.

Reenter your password, if required.

Save the device file in the *cv_pkgs* directory on your PC.

Go to Step 7, “UnZip the device tar file.”

To access as a registered user do the following:

Open your Web browser and access the Software Image Library by typing:

http://www.cisco.com/kobayashi/Library_root.shtml

At the prompts, enter your CCO user ID and password.

Proceed to Step 6, “Download the device tar file into the `cv_pkgs` directory.”

6 Download the device tar file into the `cv_pkgs` directory.

There are two methods for downloading, downloading from CCO and downloading from FTP. For information on downloading from FTP, see the Software Library Web page or the *CiscoWorks Windows Getting Started Guide*.

In the Software Image Library Network Management Products section, select the CiscoView Upgrade Planner pointer to the CiscoView packages.

To review the package README, click on the *README* filename and select a download option.

To select a device tar file, click on the device filename and select a download option.

Reenter your password, if required.

If required, click **Save File** or **File>Save As**, depending on the browser you are using. If a filter window appears, enter the complete destination pathname for the downloaded device.

If a filter window appears, enter the complete destination pathname in the Selection section of the filter window for the downloaded device, for example, *c:\cv_pkgs\device_name*.

Close the Web browser.

Go to Step 7, “UnZip the device tar file.”

7 UnZip the device tar file.

If you are using Windows 95 or Windows NT 4.0, select **Start>Programs>WinZip 6.1 32-bit** to start WinZip.

If you are using Windows NT 3.51, select **File>Run>WinZip**.

Select the **Open** icon on the WinZip main menu.

In the Look in field, select the drive and directory (*c:\cv_pkgs*) containing the device file.

Select the tar file, then **Open**.

Select the **Extract** icon.

In the Extract dialog box, select **All files** and **Overwrite Existing Files**.

Make sure the **Extract To** directory is correct, for example, *c:\cv_pkgs*.

Click **Extract**.

Close WinZip.

- 8 Add the package file to CiscoView.

Windows NT 3.51

Return to the Program Manager and restore CiscoWorks Windows by clicking it icon.

Double-click the Install Device icon. The Setup program starts.

Go to the directory containing the package file (*c:\cv_pkgs*).

Select the device package you want to load, click **OK**.

Windows 95/Windows NT 4.0

Select the Task Bar **Start** menu.

Click the **Programs** folder.

Click **CiscoWorks Windows**.

Click **Install Device**. The Setup program starts

In the Select Package dialog box, select the directory containing the package file (*c:\cv_pkgs*).

Select the device package you want to load; click **OK**.

View the Device

For Standalone:

Select the **CiscoView** icon from the CiscoWorks Window program group.

Use **File>Open Device** to view your device.

For Non-Standalone:

Double-click on the CiscoWorks icon in the CiscoWorks program group.

Double-click on the device you just installed.

The downloading is complete. If there are any problems, check the *CVinstall.log* file in your install directory or see the *CiscoWorks Windows Getting Started Guide* for more detail.

Additional Documentation

The *CiscoWorks Windows Getting Started Guide* contains information on the following:

- Performing Incremental Device Support: see “Downloading to a PC” in the chapter, “Downloading Device Packages.”

The Cisco Network Management Support CD-ROM contains the latest Cisco network management device and application support files. These files are organized into product packages and provide up-to-date management support for the latest Cisco devices for all supported platforms. For more information, refer to your Product Catalog or CCO.

- Uninstalling Devices: see “Removing Devices” in the chapter, “Downloading Device Packages.”
- Uninstalling CiscoWorks Windows: see “Removing CiscoWorks Windows” in the chapter, “Introducing CiscoWorks Windows.”

Cisco Connection Online

Cisco Connection Online (CCO) is Cisco Systems' primary, real-time support channel. Maintenance customers and partners can self-register on CCO to obtain additional information and services.

Available 24 hours a day, 7 days a week, CCO provides a wealth of standard and value-added services to Cisco's customers and business partners. CCO services include product information, product documentation, software updates, release notes, technical tips, the Bug Navigator, configuration notes, brochures, descriptions of service offerings, and download access to public and authorized files.

CCO serves a wide variety of users through two interfaces that are updated and enhanced simultaneously: a character-based version and a multimedia version that resides on the World Wide Web (WWW). The character-based CCO supports Zmodem, Kermit, Xmodem, FTP, and Internet e-mail, and it is excellent for quick access to information over lower bandwidths. The WWW version of CCO provides richly formatted documents with photographs, figures, graphics, and video, as well as hyperlinks to related information.

You can access CCO in the following ways:

- WWW: <http://www.cisco.com>
- WWW: <http://www-europe.cisco.com>
- WWW: <http://www-china.cisco.com>
- Telnet: cco.cisco.com
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact ccohelp@cisco.com. For additional information, contact cco-team@cisco.com.

If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or tac@cisco.com. To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6387, 408 526-7208, or cs-rep@cisco.com