CiscoWorks Windows 3.1 CD Installation Instructions for HP OpenView for Windows and Network Node Manager for Windows NT

This instruction book provides information about installing and running CiscoWorks Windows in conjunction with Hewlett-Packard's OpenView for Windows (HP OpenView Professional Suite) and Network Node Manager for Windows NT.

CiscoWorks Windows is comprehensive network management software that lets you easily manage your small to medium business network or workgroup. Information such as dynamic status, statistics, and comprehensive configuration information is available for Cisco routers, switches, hubs, and access servers. CiscoWorks Windows can manage Cisco's NetBeyond extended network system of modular, stackable LAN and WAN products as a single device.

For more information about using CiscoWorks Windows, see *Overview for CiscoWorks Windows*.

System Requirements

This section provides CiscoWorks Windows software and hardware requirements.

Software Requirements

You must install one of the following Microsoft (MS) operating systems with TCP/IP enabled to run CiscoWorks Windows:

- Windows 95

- Windows NT 3.51

- Windows NT 4.0

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

Hardware Requirements

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).

- For Windows 95, Windows NT 3.51, and Windows NT 4.0 Workstation, 219 MB of available hard drive space during installation. After installation, 50 to 90 MB of hard drive space is required, depending on the number of devices you install.

  For Windows NT 4.0 Server, the disk space requirements are typically double that of the other supported platforms, assuming that Windows NT 4.0 was installed with the default allocation unit size of 65536 bytes. This results in a requirement for 438 MB of available hard disk space during installation. After installation, 100 to 180 MB of hard drive space is required, depending on the number of devices you install.

  As you download device packages, space requirements increase. See the device *README* file for the size of the installed file.

- 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

You can install CiscoWorks Windows in one of two ways:

- As a standalone application

- On Hewlett-Packard OpenView (HP OpenView) for Windows 7.3 (Version D.01.00 and Version D.01.02), or HP OpenView Network Node Manager for Windows NT (Versions 5.0 and 5.1)

You can use CiscoWorks Windows as a standalone application in the following situations:

- You have limited memory and/or limited disk space.

- You have a small network with only a few routers to manage.

- You do not need Show Commands or Health Monitor applications.

If you install CiscoWorks Windows as a standalone application, only the CiscoView and Configuration Builder applications are operational.

You can use CiscoWorks Windows with HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT to perform the following operations:

- Use Auto Discovery to discover all the devices on your network and graphically represent them on a map.

- Launch CiscoView from a device icon on the HP OpenView map.

- Enable CiscoView to be launched from a device icon on the HP OpenView Network Node Manager for Windows NT network map.

- Use HP OpenView to query the management information bases (MIBs).

- View the alarm log.

  Note If you are integrating CiscoWorks Windows with HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT, you must install these applications before you install CiscoWorks Windows. For instructions on installing HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT, see your HP documentation.

CiscoWorks Windows provides an option to load its MIB into HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT database during installation. The loading of the MIBs might take a significant amount of time. If you choose not to load the MIBs during installation, you can integrate them into the network management platform database later, if necessary. These MIBs can be

used with the SNMP browser for troubleshooting. For detailed instructions about loading MIBs after installation, see the section "Loading the Management Information Base (MIB)".

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.

- Detects any existing HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT installation.

Caution   The installation procedure upgrades 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, or they will be overwritten. For a list of data file types, see the "Using Configuration Builder, Show Commands, and Health Monitor" chapter in *Overview for CiscoWorks Windows*.

To install CiscoWorks Windows, perform the following steps:

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

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

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

2   Enter the drive letter of the CD-ROM drive followed by a colon, a backslash, and **setup**, then click **OK**, for example,

d:\setup

In some cases, CiscoWorks Windows might provide information about an existing CiscoWorks application or registry entry.

The Welcome dialog box appears.

3 Click **Next**.

The User Information dialog box appears.

4 Enter your name and company name, then click **Next**.

The Select Installation Option dialog box appears.

5 Click **HP OpenView for Windows**, **HP Network Node Manager**, or **StandAlone**, depending on your installation environment, then click **Next**.

If you choose HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT, you must have the network management platform already installed; otherwise, a message appears stating that the network management platform is not installed. For additional information, see the section "Choosing the Installation Environment."

If you choose HP OpenView For Windows or HP OpenView Network Node Manager for Windows NT, a dialog box appears asking if you want to integrate the MIBs into the network management database.

6 Click **No** if you do not want to integrate the MIBs. Click **Yes** if you do want to integrate the MIBs.

The Choose Destination Location dialog box appears.

7 Keep the default or enter the directory in which you want to install CiscoWorks Windows. You can click the **Browse** button to find the directory. After choosing the destination directory, click **Next**.

If either CiscoWorks Windows or CiscoVision exists on your workstation with old device packages, a message appears advising you to reinstall the device packages and that the old packages will be removed. To avoid overwriting the old device packages, click **No** and change the destination directory. To overwrite the old device packages, continue the installation, which automatically uninstalls the previous version. If you install CiscoWorks Windows in a different directory, the previous version is not uninstalled and might not function properly.

8 The Device Installation dialog box appears. Select individual devices or click **Select All** to select all devices, then click **OK**.

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

The Start Copying Files dialog box appears.

9 To begin the file installation, click **Next**.

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

If the message "Not Enough Disk Space" is displayed, the setup program terminates. See the section "System Requirements" for more information about disk space requirements.

Otherwise, the Setup Complete dialog box appears.

10 Select an option, then click **Finish** to complete the CiscoWorks Windows installation. The options that appear depend on your installation type, as follows:

— For a standalone installation, you can view the *README* file and run CiscoView.

— For an HP OpenView for Windows installation, you can either restart your workstation now or restart it later.

— For an HP OpenView Network Node Manager for Windows NT installation, you do not need to restart the workstation if the Restart the Computer dialog box does not appear.

Loading the Management Information Base (MIB)

If you are using HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT and you do not wish to integrate the CiscoWorks Windows MIBs during installation, you can integrate them later using the command line interface. Do this by running the *OVMIBS.BAT* file, which is located in the *MIBS* subdirectory of the directory in which your Network Management platform is installed.

MIB compilation is useful only for browsing the Cisco MIBs using HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT and integrating the Cisco traps with HP OpenView Network Node Manager for Windows NT. Therefore, if you do not plan to browse the Cisco MIBs frequently, it is recommended that you do not compile the MIBs when integrating CiscoWorks Windows with HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT. If you do compile the MIBs while integrating with HP OpenView Network Node Manager for Windows NT, you might encounter some warnings.

Starting CiscoWorks Windows Applications

Perform the following procedure to start CiscoWorks Windows applications:

1 If you have installed CiscoWorks Windows in standalone mode, double-click the CiscoView icon in the CiscoWorks Windows Program Manager group in Windows NT 3.51 or select **Start>Programs>CiscoWorks Windows>CiscoView** in Windows 95 or Windows NT 4.0 to start CiscoView.

Otherwise, start HP OpenView for Windows or HP OpenView Network Node Manager for Windows NT by double-clicking the HP OpenView/Network Node Manager icon in the CiscoWorks Windows Program Manager group in Windows NT 3.51 or selecting **Start>Programs>CiscoWorks Windows**>**HP OpenView/Network Node Manager** in Windows 95 and Windows NT 4.0.

2 If you are using HP OpenView for Windows, you must rediscover all network maps to properly display Cisco devices. 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.

If you are using HP OpenView Network Node Manager for Windows NT, autodiscovery is performed automatically. See the HP OpenView Network Node Manager for Windows NT documentation for details.

3 To display information for a Cisco device, do one of the following:

— From HP OpenView for Windows, double-click on a Cisco device within the network map.

— From HP Network Node Manager for Windows NT, select a Cisco device within the network map. From the menu bar, select **Monitor>CiscoView**. To start CiscoView by double-clicking on a Cisco device, you need to associate CiscoView with the device.

Note HP OpenView for Windows uses a significant amount of memory. If you have trouble starting CiscoWorks Windows, see *Overview for CiscoWorks Windows*.

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

• If you installed CiscoWorks Windows on HP OpenView for Windows or HP OpenView for Network Node Manager for Windows NT: Configuration Builder, HP OpenView / Network Node Manager, CiscoView, the *README* file, Install Device, Uninstall Device, and

Uninstall CiscoWorks. Click **README** to read CiscoWorks Windows software release information.

- If you installed CiscoWorks Windows in a standalone mode: 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. To receive updated packages, you can order the Cisco Network Management Support CD-ROM. For additional information, see the "Downloading Device Packages" chapter in the *Overview for CiscoWorks Windows*.

For a detailed description of downloading from CCO, see one of the following:

- The Software Library Web page at

  http://www.cisco.com/public/library

- The "Downloading Device Packages" chapter in the *Overview for CiscoWorks Windows*

To download device packages from CCO, perform the following steps:

1 Verify that you are running CiscoView Version 4.1 or later by starting CiscoView (see the section "Starting CiscoWorks Windows Applications" for instructions) and selecting **Help>About CiscoView**.

Note In all cases, CiscoWorks Windows should be Version 3.1 or later. You can verify this by looking in the CiscoWorks Windows *README* file.

2 Close CiscoView by selecting **File>Exit.**

3 Create a permanent location for the *cv_pkgs* directory, for example, *c:\cv_pkgs*.

4 Access CCO.

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

To access as a registered user, do the following:

(a) Enter the following URL in your Web browser to access the Software Image Library:

http://www.cisco.com/kobayashi/sw-center

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

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

(a)   Call the Technical Assistance Center (TAC) at 800 553-2447 or
      408 526-7209, and state the name of the product you are using.
      You are transferred to the appropriate person to obtain your
      special access code.

(b)   Enter the following URL in your Web browser:

      http://www.cisco.com/public/library

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

(d)   Select the device tar file and a download option.

5   Download the device tar file into the *cv_pkgs* directory.

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

(a) In the Network Management Products section, select the CiscoView Upgrade Planner pointer to the CiscoView packages. To review the *README* file, 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.

(b) Reenter your password, if required.

(c) If required, click **Save File** or select **File>Save As,** depending on the browser you are using.

(d) 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*.

(e) Close the Web browser.

6 Unzip the device tar file.

You can download WinZip from CCO.

(a) Start WinZip. If you are using Windows 95 or Windows NT 4.0, select **Start>Programs>WinZip 6.1 32-bit**. If you are using Windows NT 3.51, select **File>Run>WinZip**.

(b) Click the Open icon on the WinZip main menu.

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

(d) Select the tar file, then click **Open**.

(e) Select the **Extract** icon.

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

(g) Make sure the name of the Extract To directory is correct, for example, *c:\cv_pkgs*.

(h) Click **Extract**.

(i) Close WinZip.

7 Add the package file to CiscoView.

If you are using Windows NT 3.51, do the following:

(a) Go to the Program Manager and restore CiscoWorks Windows by clicking its icon.

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

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

(d) Select the device package you want to load, then click **OK**.

If you are using Windows 95 or Windows NT 4.0, do the following:

(a)   Select **Start**>**Programs**>**CiscoWorks Windows**.

(b)   Click **Install Device**. The Setup program starts.

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

(d)   Select the device package you want to load, then click **OK**.

8 View the device.

—   For a standalone installation, double-click the CiscoView icon from the CiscoWorks Windows program group.

—   For HP OpenView for Windows, double-click on the device you just installed.

—   For HP OpenView Network Node Manager for Windows NT, select the device you just installed and, from the menu bar, select **Monitor**>**CiscoView**.

The downloading is complete. If there are any problems, check the *cvnstall.log* file in the *C:\temp* directory or see *Overview for CiscoWorks Windows* for installation messages.

Service and Support

This section describes how to contact Cisco Systems to order documentation and receive service and support.

Cisco Connection Documentation

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more up to date than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at http://www.cisco.com, http://www-china.cisco.com, or http://www-europe.cisco.com.

If you are reading Cisco product documentation on the World Wide Web, you can submit comments electronically. Click **Feedback** in the toolbar, select **Documentation**, and click **Enter the feedback form**. After you complete the form, click **Submit** to send it to Cisco. We appreciate your comments.

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 cco-help@cisco.com. For additional information, contact cco-team@cisco.com.

Note 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.