

CiscoWorks Windows Installation Instructions

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 to run CiscoWorks Windows.

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

You can install CiscoWorks Windows in one of three ways:

- As a standalone application.
- On Hewlett-Packard OpenView (HP OpenView) for Windows 7.2b (Version C.02.14).
- On CastleRock SNMPc Version 4.1g with HP OpenView emulation support (CiscoVision). If you use this option, see the separate SNMPc CD and the appropriate instructions in this booklet.

Hardware

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

- IBM PC-compatible 486 (586 Pentium and 50 MHz recommended)
- SVGA color monitor and graphics adapter
- 16-24 megabytes (MB) of random access memory (RAM)
- 35-70 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

Installing CastleRock SNMPc

Before you install CiscoWorks Windows to run with CastleRock SNMPc, you must install CastleRock SNMPc on your system, as follows:

- 1 Insert the CastleRock SNMPc CD into the CD-ROM drive.

- 2 In the MS Windows NT Program Manager window, select **File>Run**. If you are using Windows 95, select **Start>Run**.
- 3 Enter the letter that indicates the CD-ROM drive followed by a colon, a backslash, and **setup**. For example:
d:\setup
The Welcome dialog box appears. Click on **Continue**.
- 4 The Registration dialog box appears. Enter your name, company, and serial number. Your serial number is located on the front cover of the *CastleRock SNMPc Reference Guide*; inside the CD-ROM case; and on your registration card.
- 5 Click on **Continue**. The Registration Confirmation dialog box appears.
- 6 Click on **Yes**. The Type of Installation dialog box appears.
- 7 Click on either **SNMPc Installation** (installs the SNMPc network management platform for Windows NT and Windows 95) or **Vendor Installation** (installs vendor-specific applications for managing third-party devices).

- 8** The Installation Location dialog box appears. Keep the default or enter the directory in which you want to install SNMPc; then click on **OK**.

Note that if HP OpenView is installed on your system, the program asks whether you want to install SNMPc as a subapplication of HP OpenView. Click on **Yes** to integrate SNMPc and make it available from the HP OpenView map and menus. Click on **No** to install SNMPc separately from HP OpenView.

- 9** The Release Notes dialog box appears, asking whether you want to review the release notes. Click on **Yes** to view the notes. Click on **No** to bypass the notes.

- 10** Click on **Exit Installation**.

The SNMPc installation is complete, and the SNMPc program group appears in your Program Manager window.

Installing CiscoWorks Windows

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

This installation procedure performs the following functions:

- Detects any existing CiscoWorks Windows or CiscoVision installation
- Allows you to automatically uninstall an existing CiscoWorks Windows or CiscoVision installation
- Detects any SNMPc or HP OpenView installation
- Incrementally installs all required files

Note If you are upgrading from Configuration Builder 1.1 to Configuration Builder 2.0, back up all Configuration Builder 1.1 data files before beginning the installation procedure. Remove the existing *ciscocb.ini* file from your PC before you install Configuration Builder 2.0. For a list of data file types, see 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.
- 2 In the MS Windows NT Program Manager window, select **File>Run**. If you are using Windows 95, select **Start>Run**.
- 3 Enter the letter that indicates the CD-ROM drive followed by a colon, a backslash, and **setup**. For example:

d:\setup

The Welcome dialog box appears. Click on **Next**.

- 4 The User Information dialog box appears. Enter your name and company; then click on **Next**.
- 5 The Select Installation Option dialog box appears. Click on **CastleRock SNMPc**, **HP OpenView**, or **StandAlone**; then click on **Next**.

If you choose CastleRock SNMPc or HP OpenView, you must have that network management platform installed; otherwise, this program exits. You can re-run the CiscoWorks Windows installation program after installing the appropriate network management platform (CastleRock SNMPc or HP OpenView).

- 6 The Choose Destination Location dialog box appears. 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.

If the Kalpana SwitchVision application is installed on your system, you are prompted where to install CiscoWorks Windows. If you install CiscoWorks Windows in the *swvision* directory, SwitchVision will not function. You can install CiscoWorks Windows in a different directory to maintain SwitchVision functionality.

- 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**.

- 8 The Start Copying Files dialog box appears. 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 35-70 MB is required, depending on the number of devices you install.

- 9 The Setup Complete dialog box appears. Select an option; then click on **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. For a CastleRock SNMPc installation, you can view the ReadMe file.

This section describes how to load MIB files to CiscoView.

HP OpenView MIBs

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.

SNMPc MIBs

You must recompile SNMPc MIBs after installing CiscoWorks Windows. To recompile the MIB database after installation, perform one of the following procedures:

- 1** Double-click on the CiscoWorks Windows icon. An SNMPc dialog box appears, prompting you to recompile the MIB database.
- 2** Click on **Yes** to recompile the MIB database.
- 3** After compilation, the “SNMPc Compile OK” message appears. Click on **OK**.

or

- 1** Double-click on the CiscoWorks Windows icon to display the SNMPc window.
- 2** From the SNMPc menu, select **Config>Compile MIB**. The Load MIB dialog box displays.
- 3** In the Load MIB dialog box, click on **Load All**.

Note You must perform these steps to recompile the MIB database; otherwise, CiscoWorks Windows will not work.

Starting CiscoWorks Windows

When CiscoWorks Windows is installed, the following icons appear in your Program Manager window:

- ReadMeFile: contains software release information
- CiscoWorks Windows: appears in HP OpenView and CastleRock SNMPc installations to start HP OpenView or CastleRock SNMPc
- CiscoView: appears in standalone installations to start CiscoView
- Configuration Builder 2.1: starts the Configuration Builder application
- DeviceInstallation: installs devices (see “Performing Incremental Device Installations”)
- Uninstall CiscoWorks: removes CiscoWorks Windows from your system
- DeviceUninstallation: removes a particular device package from your system
- SNMPc: appears in CastleRock SNMPc installations to start SNMPc

In addition, a number of help icons appear, to provide you with online help about your applications.

To start CiscoWorks Windows:

- 1 Double-click on the CiscoWorks Windows icon in the CiscoWorks Windows Program Manager Group.
- 2 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.

If you are using SNMPc, use the SNMPc Auto Discovery menu options to discover your network and create a network map. See your Castle Rock *SNMPc Network Management Reference Guide* for details on using the Auto Discovery feature.

- 3 To start a CiscoWorks Windows application, either double-click on the CiscoView icon 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*.

Adding New Cisco Devices and Applets

New device support will be added to CiscoView incrementally in an ongoing effort to meet your network management needs.

To add incremental device and applet support to CiscoView, access Cisco Connection Online (CCO). CCO, formerly Cisco Information Online (CIO), is the Cisco Systems online support channel.

Instructions on how to download additional devices for CiscoView are in the Software Image Library's Enterprise Network Management section on CCO or on the anonymous ftp server. For specific instructions on accessing CCO, refer to the quick reference card attached to the CiscoWorks Windows registration card.

Performing Incremental Device Installations

To install devices after CiscoWorks Windows is installed on your system:

- 1 Double-click on the DeviceInstallation icon.
- 2 The Select Package dialog box appears. Select the package files you want from the *Cv_pks* directory on the CD-ROM; then click on **OK**.
- 3 The Setup Complete dialog box appears. Select an option; then click on **Finish**.

Uninstalling Devices

To remove (uninstall) a device after it has been installed:

- 1 Double-click on the DeviceUninstallation icon.
- 2 The Uninstall Package dialog box appears. Select the individual devices you want to uninstall or choose **Select All** to uninstall all devices; then click on **OK**.
- 3 The Setup Complete dialog box appears. Select an option; then click on **Finish**.

Uninstalling CiscoWorks Windows

To remove (uninstall) CiscoWorks Windows, simply double-click on the Uninstall CiscoWorks icon. This removes the program from your system.

If you use Windows 95, you can also remove CiscoWorks Windows with the Remove Program command. This deletes CiscoWorks Windows from the Windows 95 registry.

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