

# CiscoWorks Windows CD Installation Instructions

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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 CiscoWorks 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 CastleRock SNMPc Version 4.1n. 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 90 MHz clock recommended)
- SVGA color monitor and graphics adapter
- 32 megabytes (MB) of random access memory (RAM)
- 130 MB available hard drive space is required if you install all the device packages available for CiscoView. As you download device packages, space requirements increase. See the device's *README* file for the size of the installed file.
- Windows-compatible CD-ROM drive
- A serial port and/or a network driver interface card (NDIS/ODI)-compliant recommended
- Mouse or mouse-compatible pointing device

## Choosing the Installation Environment

CiscoWorks Windows can be installed as a standalone or with CastleRock SNMPc. 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 SNMPc 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 SNMPc map
- You can use the MIB browser
- You can view event history

If you are installing with CastleRock SNMPc, proceed to the next section, “Installing CastleRock SNMPc.” If you are installing CiscoWorks Windows as a standalone, proceed to “Installing CiscoWorks Windows.”

## 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 3.5.1 Program Manager window, select **File>Run**. If you are using Windows 95 or Windows NT 4.0, 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
```

- 4 Click **OK** and the Welcome dialog box appears.
- 5 Click on **Continue**. 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.

**Note** The serial number must be typed exactly, without spaces and correct case, or the installation fails.

- 6 Click on **Continue**.

The Registration Confirmation dialog box appears.

- 7 Click on **Yes**.

The Type of Installation dialog box appears.

- 8 Click on either **SNMPc Installation** (installs the SNMPc network management platform for Windows) or **Vendor Installation** (installs vendor-specific applications for managing third-party devices).

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

- 10 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.

- 11 Click on **Exit Installation**.

The SNMPc installation is complete, and it appears in the list under **Start>Programs** for Windows 95/Windows NT 4.0 and in the Program Manager window for Windows NT 3.51.

## 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
- Detects any SNMPc installation
- Incrementally installs all required files

**Note** The install 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 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**. For example:

**d:\setup**

- 3 Click **OK**.

The Welcome dialog box appears.

- 4 Click on **Next**.

The User Information dialog box appears.

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

The Select Installation Option dialog box appears.

- 6 Select on **CastleRock SNMPc** or **StandAlone**; then click on **Next**.



If you choose CastleRock SNMPc, 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 CastleRock SNMPc network management platform. If you choose StandAlone, only the CiscoView and Configuration Builder applications are operational. The Choose Destination Location dialog box appears.

- 7 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 removes the previous version. If you choose to install CiscoWorks Windows in a different directory, the previous version is not removed and might not function properly.

- 8 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.

- 9 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 if you install all the devices that are available. See the section, “System Requirements,” “Hardware” for more information. The Setup Complete dialog box appears.

- 10 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 a CastleRock SNMPc installation, you can view the *README* file.

## Loading the SNMPc Management Information Base

This section describes how to load CastleRock SNMPc MIB files to CiscoView.

You must recompile the 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 in Windows NT 3.5.1 or select **Start>Programs>CiscoWorks Windows>CiscoWorks Windows** in Windows 95 and Windows NT 4.0. 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 Logon to SNMPc.

- 3 From the SNMPc menu, select **Config>Compile MIB**. The Load MIB dialog box displays.
- 4 In the Load MIB dialog box, click on **Load All**.

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

## Starting CiscoWorks Windows

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

- If you installed CiscoWorks Windows on CastleRock SNMPc, you should have: Configuration Builder, CiscoWorks Windows (which starts CastleRock SNMPc), 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.

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 SNMPc, you must rediscover all network maps to properly display Cisco devices.

To discover your network and create a network map, use SNMPc Auto Discovery. 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 in standalone mode or double-click on a Cisco device within the network map.

## 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.  
Select **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 800 553-2447 or 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 its 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.

Provide your User ID and Password.

Click **OK**.

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](http://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](mailto:ccohelp@cisco.com). For additional information, contact [cco-team@cisco.com](mailto: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](mailto: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](mailto:cs-rep@cisco.com)

