

Introducing CiscoWorks Windows

This chapter introduces information about running CiscoWorks Windows on your network management station. CiscoWorks Windows is a suite of GUI-based device management applications that run on Windows 95 and Windows NT. CiscoWorks Windows provides dynamic status, statistics, and comprehensive configuration information for Cisco devices.

You can install CiscoWorks Windows as a standalone application, or you can integrate it with the following network management platforms:

- Castle Rock Computing's SNMPc
- HP OpenView Network Node Manager for Windows NT
- HP OpenView Professional Suite (HP OpenView for Windows)

This chapter contains the following sections:

- Network Device Management
- Devices Supported by CiscoView
- Removing CiscoWorks Windows

For complete information on the installation of CiscoWorks Windows, see the *CiscoWorks Windows CD Installation Instructions* booklet.

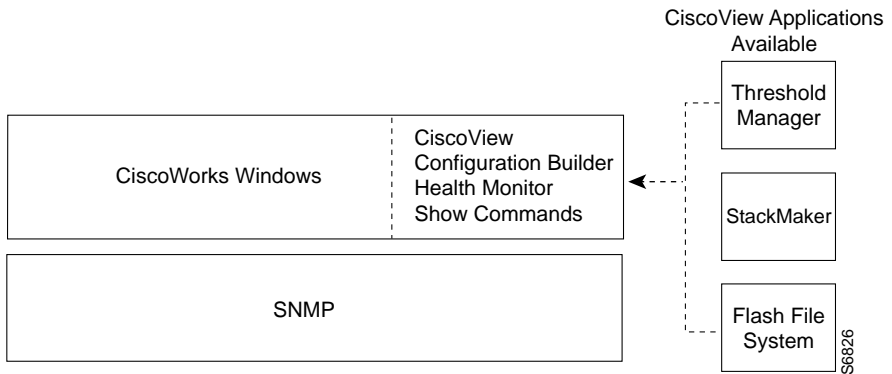
For complete information on how to use CiscoWorks Windows applications, see the context-sensitive online help system. This comprehensive help system provides procedures, overview material, and links to related information.

Network Device Management

CiscoWorks Windows manages Cisco routers and switches through Simple Network Management Protocol (SNMP). CiscoWorks Windows provides the interface for a number of applications that supply additional functionality: Configuration Builder, Health Monitor, Show Commands, and CiscoView.

Figure 1-1 illustrates how CiscoWorks Windows and its various applications work together.

Figure 1-1 CiscoWorks Windows and Applications Working Together



CiscoView also has applications that are available with it. The devices supported by Configuration Builder, Health Monitor, and Show Commands are shown in Table 1-1.

Table 1-1 Supported CiscoWorks Windows Applications

Configuration Builder¹	Show Commands	Health Monitor
Routers: 2500, 2501, 2502, 2503, 2509, 2510, 2511, 2512, 2514, 2515, 3600, 4000, 4500, 7000, 7010	Routers: AccessPro, 2501-15, 4000, 4500, 7000, 7010	Routers: AccessPro, 2501-15, 4000, 4500, 7000, 7010
Hub/Router: 2505 and 2507	Hub/Router: 2505 and 2507	Hub/Router: 2505 and 2507
	Access Servers: 2509, 2510, 2511, and 2512	Access Servers: 2509, 2510, 2511, and 2512
	CiscoPro switch models CPW 10-100, CPW500, CPW 1200, CPW1400, and CPW2115	CiscoPro switch models CPW 10-100, CPW500, CPW 1200, CPW1400, and CPW2115

1. Configuration Builder devices support Cisco IOS Software Releases 10.0 through 11.2, with the exception of access servers, which require a minimum of Cisco IOS Software Release 10.2. The 3600 devices require Cisco IOS Software Release 11.1 or later.

Table 1-2 provides a list of applications supported by CiscoView. CiscoView is part of the CiscoWorks Windows application suite used to manage specific Cisco devices.

Table 1-2 Applications Available with CiscoView

Application	Description
Threshold Manager	Threshold Manager allows you to set thresholds and retrieve event information. Threshold Manager relies on RMON alarm and event groups supported in Cisco routers and switches.
StackMaker	StackMaker manages the device membership in a Cisco stack.
Flash File System	The Flash File System provides configuration file editing and display functionality for high-end routers, Cisco 7000, 7010, 7200, and 7500 Series.

Devices Supported by CiscoView

CiscoView provides support for a wide range of devices. Additional device support might be added to CiscoView after the initial product release. When this occurs, the device is placed on the Cisco Connection Online, the Cisco World Wide Web location for software upgrades. Check this site to ensure that you have the latest release of software. For more information on downloading devices packages from this Web site, see “Downloading Device Packages.” The CiscoView release note publication supplies critical information, notes, and caveats about application support.

Table 1-3 is a list of those devices supported; it provides a brief description of the device or family of devices.

Table 1-3 Devices Supported by CiscoView 4.1

Product Name	Description
High-End Routers	
Cisco 7000, 7010, 7200, 7204, 7206, 7505, 7507, and 7513	The network interfaces for the Cisco 7000 series of multiprotocol routers reside on modular interface processors, which provide a direct connection between the high-speed Cisco Extended Bus (CxBus) and the internal network. The series 7000 routers support the Flash File System application.
LAN Switches	
ATM	
LightStream 1010	The Cisco LightStream 1010 ATM switch is a 5-Gbps modular switch designed for use in either the workgroup or the campus, depending upon the nature of the interfaces employed. It uses a five-slot, modular chassis featuring the option of dual, fault-tolerant, load-sharing power supplies. It provides the functionality required for ATM production deployment.

Table 1-3 Devices Supported by CiscoView 4.1 (Continued)

Product Name	Description
Fast Ethernet	
Catalyst 1700	The Catalyst 1700 Ethernet desktop switch provides 100-Mbps Ethernet connectivity to servers and backbones as a high-performance alternative to shared 10BaseT hubs.
Catalyst 1900	These are members of an extended network system of stackable, modular LAN and WAN products that increases LAN performance, connects remote offices and users, and provides secure Internet access.
Catalyst 2100	The Catalyst 2100 switch supports 1024 MAC address and has 25 10BaseT ports for connecting individual workstations and existing 10BaseT hubs, and 2 100BaseTX ports for server and backbone connectivity.
Catalyst 2800	The Catalyst 2800 switch supports 2046 or 8192 MAC addresses and has 25 10BaseT ports and 2 high-speed expansion slots for 100BaseT and FDDI, for server and backbone connectivity.
Catalyst 2820	These are members of an extended network system of stackable, modular LAN and WAN products that increases LAN performance, connects remote offices and users, and provides secure Internet access.
Catalyst 5000, 5002, 5500, and 5505	The Catalyst 5000 series is a modular switching system that provides high-density switched Ethernet interfaces for wiring closet and data-center applications. It provides virtual LAN networking and optional multilayer switching with Cisco Internetwork Operating System (Cisco IOS) software functionality.
Catalyst 3000	The Catalyst 3000 series provides a stackable switching architecture that delivers Layer 2, stackable software and VLAN switching for growing workgroup applications.

Table 1-3 Devices Supported by CiscoView 4.1 (Continued)

Product Name	Description
Catalyst 2900	A fixed configuration 14-port Fast Ethernet switch based on the Catalyst 5000 architecture.
FDDI/CDDI	
Catalyst 1400	The Catalyst 1400 is an FDDI/CDDI concentrator that supports up to 32 ports between build-in ports and line cards. Line cards are the WS-C1441, WS-C1444, WS-C1450, WS-C1455, and WS-C1483.
Catalyst 1200	The Catalyst 1200 series workgroup switch provides Ethernet-to-Ethernet and Ethernet-to CDDI/FDDI switching. It provides a high-bandwidth networking interface to servers and existing dedicated Ethernet desktop clients.
WS-Concentrators 1000, 1100, and 1400	The concentrators are part of a family of concentrators that provide Copper Distributed Data Interface/multilevel transmission (CDDI/MLT-3) and single and multimode FDDI connectivity.
Token Ring	
Catalyst 1600	The Catalyst 1600 is a 8- or 12-port Token Ring switch with optional FDDI support. It provides campus and building backbone segment switching as well as dedicated full-duplex connections to file servers.
Catalyst 1800	The Catalyst 1800 is a Token Ring, packet-switching device that dramatically increases performance, flexibility, and management on Token Ring installations.
Catalyst 2600	A cost-effective Token Ring switch providing up to 16 dedicated or shared ports in the base unit plus 2 feature-card slots.
Catalyst 3900	The Catalyst 3900 switch is a stackable Token Ring switch.

Table 1-3 Devices Supported by CiscoView 4.1 (Continued)

Product Name	Description
Hubs	
Cisco 1501, 1502, 1503, and 1516	<p>The Cisco 1500 Series Micro Hubs are 10BaseT hubs that are stackable desktop units. Three levels of manageability are available: managed, manageable, and unmanaged. A single micro hub can connect up to 8 PC users, printers, fax servers, and other devices. The In/Out stacking port on a Cisco 1503 can connect up to 5 Cisco 1500 Micro Hubs. The Cisco 1503 supports RMON. The Cisco 1502 also provides an In/Out stacking port for up to 5 Micro Hubs. It supports monitoring and management through a connection to a Cisco 1503. The Cisco 1501 is a cost-effective solution for small LANs where management is not required. The Cisco 1501 does not provide an In/Out stacking port.</p>
Fasthub 216	<p>The Cisco Fasthub 216 hub is 100BaseT hub for smaller workgroups and server farms. It provides 16 managed 100BaseTX ports</p>
FHub, FHub_100_plus	<p>NetBeyond FastHubs are members of the NetBeyond extended network of modular, stackable products that you can manage from a central location. The routers, switches, and hubs that make up the NetBeyond system can increase your LAN performance and provide both local and remote users with secure access to data files and the Internet.</p>

Table 1-3 Devices Supported by CiscoView 4.1 (Continued)

Product Name	Description
Access Products	
Dial-Up and Telecommuter Access	
Cisco and CiscoPro 761, 762, 765, 766, 771, 772, 775, 776	The 760 routers provide professional offices, small offices, and individuals with affordable, high-speed remote access to networks and the Internet in a modem-sized package. The routers connect LANs to corporate networks over Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) lines. They offer multiprotocol routing between WAN and LAN ports, as well as transparent bridging.
Cisco 2505, 2507, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2520, 2521, 2522, 2523, 2524 and 2525	The Cisco 2500 series routers are available in a variety of models for small offices and remote site environments.
CiscoPro 2501, 2502, 2503, 2504, 2505, 2507, 2509, 2511, 2513, 2514, 2516, 2520, 2521, 2522, 2523, and 2524	The CiscoPro series routers are the same as the Cisco 2500 series except that they are available for CiscoPro.
Branch to Branch Connections	
Cisco and CiscoPro 1003, 1004, and 1005	The Cisco 1000 series routers are easy-to-install, inexpensive, multiprotocol routers designed for small offices and other remote sites.
Cisco and CiscoPro 1601, 1602, 1603, 1604	The Cisco 1600 series is a family of small desktop routers that link remote-site Ethernet LANs to regional and central offices over multiple WAN connections.
Cisco and CiscoPro 2501, 2501, 2503, and 2504	The Cisco 2500 series routers are available in a variety of models for small offices and remote site environments.
Cisco and CiscoPro 4000, 4000-M, 4500, 4500-M, 4700, and 4700-M	The Cisco 4000 series provides a variety of features that can accommodate all types of network computing environments.

Table 1-3 Devices Supported by CiscoView 4.1 (Continued)

Product Name	Description
Cisco and CiscoPro 3600, 3620, 3640	The Cisco 3600 series includes the 3640, CPA3640, and the CPA3620. The 3640 is a four-slot router aimed at high-powered branch offices and small to midsize regional offices. The 3620 is a two-slot version for small branch offices.
Internet Connectivity	
Cisco 2513, 2514, and 2515	The Cisco 2500 series routers are available in a variety of models for small offices and remote site environments.
Enterprise-Wide Connectivity	
Cisco AS5200 and AS5300	The Cisco AS5200 universal access server provides the functions of an access server, a router, and digital modems in a single modular chassis. The Cisco AS5200 is intended for Internet service providers (ISPs), telecommunications carriers, and other providers that offer managed Internet connections, as well as small to medium-sized sites that provide both digital and analog access to users on an enterprise network.

Removing CiscoWorks Windows

To remove CiscoWorks Windows, double-click the Uninstall CiscoWorks icon. This removes the program from your system.

