

Introducing CiscoView

This chapter introduces information about running CiscoView on your network management station. You can install CiscoView on a UNIX workstation, either as a standalone application or integrate it with HPOV Network Node Manager.

CiscoView is a GUI-based device management software application that lets you access dynamic status, statistics, and comprehensive configuration information for Cisco Systems switch and internetworking products.

CiscoView displays a graphical representation of each network device, displays configuration and performance information, performs minor troubleshooting tasks, and controls and configures specific devices. There are also device-specific applications that further enhance your network management capabilities.

This chapter contains the following sections:

- Network Device Management
- Devices Supported by CiscoView

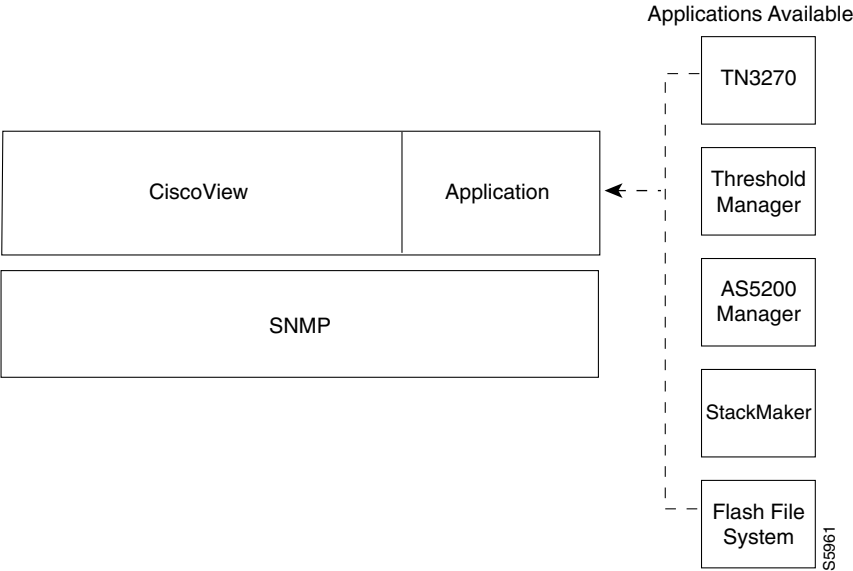
For complete information on the installation of CiscoView, see the *CiscoView CD Installation Instructions* document.

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

Network Device Management

CiscoView manages Cisco routers and switches through SNMP. Figure 1-1 illustrates how CiscoView and its various applications work together.

Figure 1-1 CiscoView and Applications Working Together



CiscoView provides the interface for a number of applications that supply additional functionality. For example, CiscoView can be used to manage all devices but, in some cases, there are special management requirements as in the case of the stacked devices. For stacked devices a separate application is available called StackMaker. Each of these applications can be used as a standalone application or can be used with CiscoView.

Table 1-1 provides a list of applications supported by CiscoView.

Table 1-1 Applications Available with CiscoView

Application	Description
Threshold Manager 1.2	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. The versions available are: TM-AIX for use with IBM AIX, TM-HPUX10 for use with HPUX10, TM-HPUX9 for use with HPUX 9.0, TM-SOL for use with Solaris 2.5.1, TMSUNOS for use with Sun OS, TMNT95 for use with Windows 95 and Windows NT 4.0.
StackMaker 1.0	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.
AS5200 Manager	A modem management application used to monitor, configure and troubleshoot the AS5200 Access Server.
TN3270	A management application used to monitor and configure the TN3270 capability embedded in Cisco devices.

Devices Supported by CiscoView

CiscoView provides support for a wide range of devices. Additional device support may 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 supplies critical information, notes and caveats about application support.

Table 1-2 is a list of those devices supported and provides a brief description of the device or family of devices.

Table 1-2 Devices Supported by CiscoView 4.0

Product Name	Description
Cisco and CiscoPro 761, 762, 765, 766, 771, 772, 775, 776	The 760 routers provide professional offices, small offices, and individual 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 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 2501, 2501, 2503, 2504, 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.
Cisco and CiscoPro 3600, 3620, 3640	The Cisco 3600 series includes the 3640, CPA 3640, 3620, 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.
Cisco and CiscoPro 4000, 4000-M, 4500, 4500-M, 4700, and 4700-M	The Cisco 4000 series provide a variety of features that can accommodate all types of network computing environments.

Product Name	Description
Cisco 7000, 7010, 7200, 7204, 7206, 7505, 7507, and 7513	The network interfaces for the Cisco 7000 series of multi-protocol 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.
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.
Catalyst 1400	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 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 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 3000	The Catalyst 3000 series provides a stackable switching architecture that delivers Layer 2, stackable software and VLAN switching for growing workgroup applications.
Catalyst 2600	A cost-effective Token Ring switch providing up to 16 dedicated or shared ports in the base unit plus two feature-card slots.

Devices Supported by CiscoView

Product Name	Description
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 2900	A fixed configuration 14-port Fast Ethernet switch based on the Catalyst 5000 architecture.
Catalyst 5000, 5002, and 5500	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.
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.
NetBeyond-FHub, FHub_100_plus	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.
WS-Concentrators 1000, 1100, and 1400	The concentrators are part of a family of concentrators that provide Copper Distributed Data Interface/multi-level transmission (CDDI/MLT-3) and single and multimode Fiber Distributed Data Interface (FDDI) connectivity.