IBM NetView for Windows Version 2

Take more guesswork out of your network

1995

Overview

Knowing what's happening on your LAN is critical to availability, and availability is what keeps your business going and growing.

IBM NetView for Windows Version 2 keeps you going by providing integrated fault, performance, and configuration monitoring and management for all simple network management protocol (SNMP) devices, including workstations, hubs, routers, bridges, and switches.

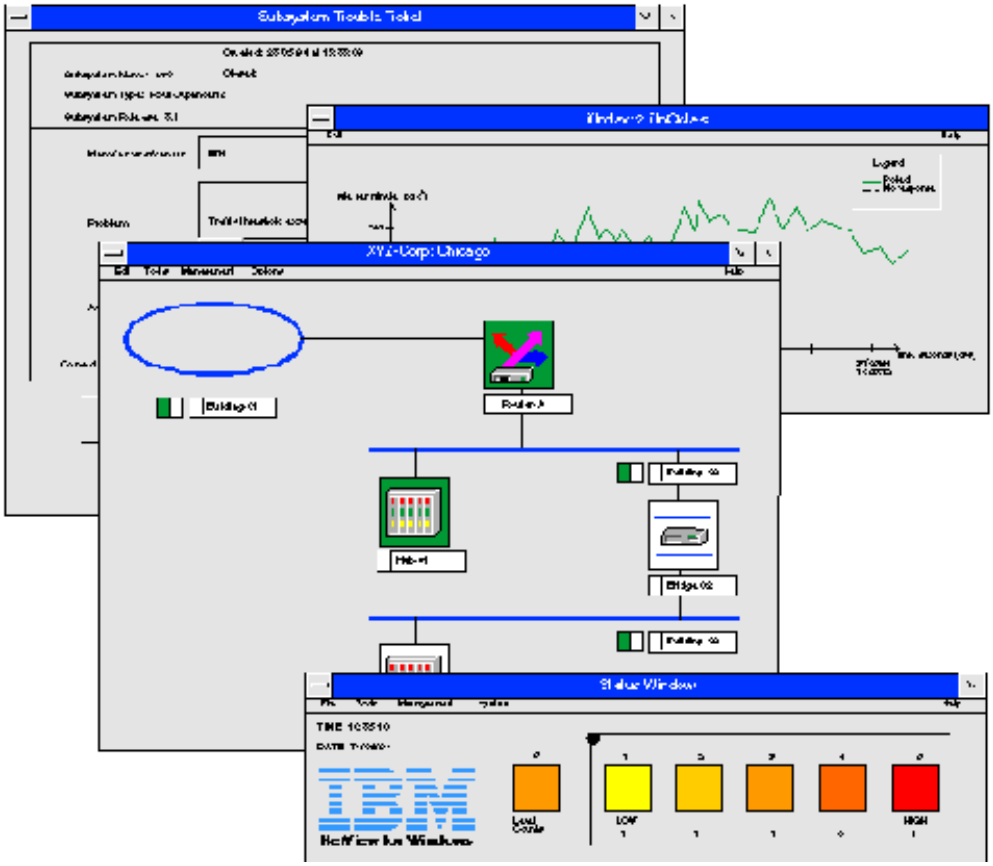
Version 2 of NetView for Windows makes a good thing even better. It is easier than ever for you to create network topologies, using the product's enhanced user interface and new auto-discovery capabilities. Ethernet and token-ring environments can still be managed from a single NetView for Windows.

Device-specific management applications are available for both IBM and other vendor devices. These applications provide comprehensive management capabilities for individual components in the network.

Multivendor network management made simple

At the heart of NetView for Windows is an integrated database that supports topology displays, real-time network status, and historical data collection. Topology information is presented graphically in views that you can customize to suit your needs.

Figure 1. NetView for Windows topology view



Five color-coded status levels appear in a pop-up status window to indicate the severity of a change as it occurs. With a few clicks of your mouse, you can access more details and get additional information about the location and nature of the problem.

Using alarm and database information, you can create a trouble ticket to track the problem to its resolution. All the information needed to solve the problem - device location, type of problem, contact name, and next action - is recorded in one place.

To make problem tracking easier, NetView for Windows provides inventory records for each network device. You can also create trouble-ticket reports as needed.

Management plus

Performance management capabilities are available for more advanced users. You can establish data collection points for graphing of real-time performance information. Then, you can compare these graphs with historical performance for individual devices. You can set thresholds for notification and link them to one of the five status levels, so that potential network congestion can be detected and corrected before problems occur.

NetView for Windows also provides an alarm interface that can be used to trigger automation routines, reducing the required skill level for operators and increasing overall productivity. The user-written automation routine may simply send an E-mail note or call a pager to notify someone of the situation.

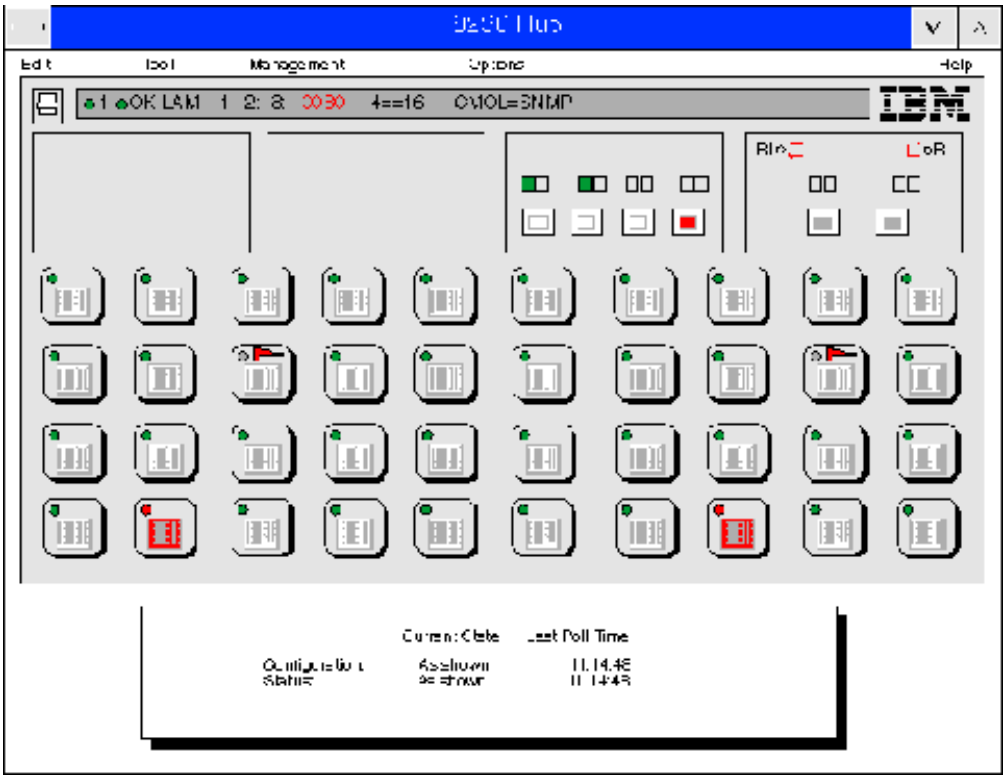
Multivendor device management muscle

Since SNMP is an industry standard, and NetView for Windows supports MIB II, multivendor management is a given. But NetView for Windows goes beyond the multivendor capabilities of most SNMP management platforms and applications. The base product supports essential management of SNMP and non-SNMP devices using simplified MIB browsing and graphic device display. Telnet capabilities are provided to make router and hub management easier.

Version 2 allows you to receive traps so you can manage and track network faults for MIBs that you have loaded using the product's MIB loader. A MIB compiler is now also provided.

Advanced device-specific applications are available, offering more comprehensive management capabilities for individual devices such as the IBM 8230 Token-Ring Controlled Access Unit.

Figure 2. Device management application view



High-quality, dynamically-updated pictorial representations provide a granular view of problems or potential problems and supply detailed information for network planning and configuration. Device function is controlled through these application-enabling remote management capabilities.

NetView for Windows at a Glance

Description

NetView for Windows is a network management platform that provides integrated fault, configura-

tion, and performance management capabilities for SNMP network components such as workstations, hubs, routers, bridges and switches.

Required Hardware

- 80486 DX with a minimum 33 MHz processor
- High-resolution (1024 x 728) monitor and adapter
- Network interface card with an NDIS driver (Token-Ring or Ethernet adapters including the IBM LANStreamer adapter) compatible with Microsoft LAN Manager.
- Any mouse supported by Microsoft Windows Version 3.1

Required Software

- Microsoft Windows Version 3.1 or later, including Windows for Workgroups 3.11
- TCP/IP included with the package

Advanced applications for device specific management are available for the following devices:

- IBM 8224 Stackable Ethernet Hub
- IBM 8230 Token-Ring Controlled Access Unit models 3, 4, and 13
- IBM 8271 EtherStreamer Switch
- IBM 8250 Multiprotocol Intelligent Hub
- IBM 8281 ATM LAN Bridge
- IBM 8282 ATM Workgroup Concentrator

Others will be announced later. These applications are available with the hardware devices supported. Call or contact IBM for more information regarding other applications and their availability.

Memory

- 16MB of RAM is required for average networks, which are described as 100 basic devices or 20 large, multiport devices such as hubs, bridges, or routers
- 24MB of RAM is required for large networks, which are described as up to 200 basic devices or 20 large, multiport devices.

These values are estimates only.

Storage

- 240MB of free hard disk space is recommended

Order Number

- Part Number: 20H2417
- Additional License Part Number: 20H2422

Standards Supported

NetView for Windows supports SNMP MIB I and MIB II, and any RFC-defined device application, such as RFC 1368 for the IBM 8224 Stackable Ethernet Hub.

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