

MANN View

Complete Element Management System.

MANNtiew is the Open Architecture Element Management System designed to provide Centralised Management of Spectrum DMR Range of Radios including SNMP Based third Party Network Elements such as PDH, SDH, Routers for a complete and integrated management of the whole network

"It's polling feature allows continuous verification of Network Availability and Reachability of critical network components resulting in increased uptime/network availability".

Visualize, monitor and pro-actively manage your Backbone. MANNVIEW is a secure distributed network management system that will monitor your entire network infrastructure. Using SNMP v3, Mannview provides unparalleled ease of use, and versions for both small and large networks.

- **Security**
Safely manage devices with SNMP V3 Authentication and Encryption. Provides definable user profiles.

- **Scalable**
Use distributed polling and server components for workgroup, large Intranet or Management Service Provider configurations.

- **Accessible**
Monitor and manage your network from remote locations with the

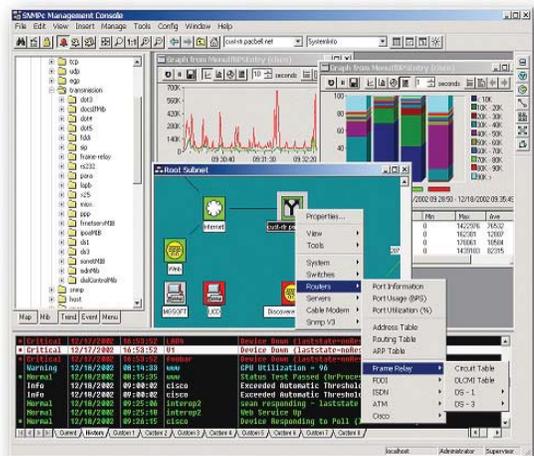
MANNVIEW Windows Client and JAVA WEB Consoles.

- **Pro-Active**
Monitor LAN/WAN performance and Service availability with scheduled WEB reports to effectively plan upgrades and reduce wasted bandwidth

- **Customizable**
Simplify tasks with custom Expressions, Data Tables, and menus. Develop Graphical Device Views with the BitView scripting tool and a variety of programming and scripting interfaces.

- **Connected**
Catch problems quickly with Email and Pager event Notifications. Forward events to helpdesk or domain management systems.

- **Multi-Vendor**
View and modify standard and private information on DMR Radios, servers and other devices from any vendor



- **Integrated**
Automatically export map topology, trend statistics, and event log entries to industry standard databases.

Features

SNMP Protocols:	V1, V2c, V3 with SHA/MD5 Authentication and DES Encryption
Device Discovery:	Automatically discovers and polls SNMP and ICMP (Ping) devices.
Service Discovery:	Performs service discovery on each device, including SNMP, ICMP, Telnet, FTP, HTTP, SMTP, and four user-specified TCP ports.
Service Polling:	Up to 16 user defined TCP ports per icon. Each with configurable send/reply string. External polling with custom applications
Topology Layout:	Multiple Level Hierarchies. Segmented by Polling Agent. Tree, Ring, or Snaked Bus networks.
Event Notification:	Ignore, Ignore Duplicates, Forward, Email, Page, Display Alarm Box, or Execute Application
Reporting:	Graph, Bar Chart, Distribution, and Summary. Printed and WEB Export.
Backup:	Live/Standby server support with automated failover.
External Interfaces:	ODBC and Text Export. Event Forwarding using SNMP Traps.
Customization:	Private MIB Import. Custom Tables, Expressions, and Menus. Execute applications from map double-click, on event reception, and during custom polling.
Programming Interfaces:	Proprietary object-oriented interface for C/C++ applications. SNMPc 4.0 DDE Interface. WinSNMP de-facto standard interface. Utilities for Scripting language support.

Hardware and Software Requirements

CPU	Intel P4 CPU 2.0 GHz or higher, Intel Motherboard
Memory	1 GB RAM or higher
Disk	60 GB or higher
CDROM	52X or equivalent
Monitor	17" standard VGA
UPS	600VA or equivalent
Cables	RJ45 Cables for NMS Interconnection 2M long minimum
	Laptop with Serial Port and 10/100base Ethernet
	Cross and Straight Ethernet Cables.
Windows Application	Windows server 2003 Standard Edition
Database	Access