

Network Management Software Features

	Cabletron SPECTRUM Enterprise Manager 4.0	Computer Associates Unicenter TNG 2.0	Hewlett-Packard OpenView Network Node Manager 5.0	Tivoli TME 10 NetView 5.0
Event/Alarm:				
Port-level fault isolation	●	●	●	●
Trouble-ticket interface	●	●	○	●
Operator ownership of events	●	●	○	●
Status notes attached to events	●	●	○	●
Predefined status filters on event/alarm lists	●	●	●	●
Predefined DHCP node event filter	○	○	●	○
Automated event response	●	●	●	●
Statistics:				
Historical collections	●	●	●	●
Predefined real-time and historical collections	●	●	○	●
Historical and real-time collections by groupings	○	●	○	●
Interobject correlation	●	●	○	○
MIB formula creation	●	●	●, via text file	●
Preset thresholds	●	●	●	●
User-definable thresholds	●	●	●	●
Threshold triggers definable as frequency over time	●	●	●	○
Resetting threshold triggers by definable high and low water marks	●	●	●	●
Predefined automatic tracking of uptime	○	○	○	●
Automatic threshold setting via baseline	○	○	○	○
Autodiscovery:				
Protocols	IP, SNMP	IP, IPX, SNA, DECnet	IP, IPX, HTTP	IP
Limited to SNMP devices	●	●	●	○
Run as multiple instances	●, but manual	●	●	●
Schedulable	●, via CRON	●	●	●
Speed controls	○	●	●	●
On-demand discovery/Limited discovery	●/●	●/●	●/●	●/●
List of multiple SNMP community strings	●	●	○	○
Specific SNMP community	○	●	●	●
Logging of nonstandard subnet masks	○	●	●	●
Logging of unknown OIDs	○	●	○	●
Ease of Use:				
Context-sensitive help	○	●	●	●
Window reuse/Display sorts	○/○	○/○	○/○	●/●
Predefined status filters on map view	○	●	○	●
Predefined beginner & advanced menu structures	○	○	○	●
User-definable menus options	●	●	●, via text	●
On screen balloon-style display of node properties	●	●	○	●
Predefined dynamic groupings of networked devices	○	○	●, not dynamic	●
User-definable dynamic groupings of networked devices	●, not dynamic	●, not dynamic	●, not dynamic	●
Find nodes using standard text search, wild-card syntax	●	○	●	●
Bookmarks	●	○	●	●
Remote access of server performance	●	●	○	●
Remote administrative access of server	●	○	○	●
3-D GUI	○	●	○	○
SNMP events sent to NT's Event Viewer	○	●	○	●
Application maintained via control panel	○	○	○	●
Intellimouse support	○	○	○	●

● Yes ○ No

Network Management Software Features (continued)

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Ease of Use (continued):				
FAQ and tip of the day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Perfmon extension of server processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Database ODBC-compliant	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Client/Server:				
Client/console operating systems	NT, Solaris, HP-UX, AIX, SGI	NT & Unix	NT, but trap forwarding to and from Unix	NT, Alpha or Intel
Server operating systems	NT, Solaris, HP-UX, AIX, SGI	NT & Unix	NT, but trap forwarding to and from Unix NT, Irix, HP-UX, Solaris	NT, Alpha or Intel
Web console	None	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Number of console/clients per server	No limit	No limit	15	30 full clients, 200+ Web clients
Traps sent to multiple upline servers	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Approximate recommended max. number of MIBs Instances per P6 200 128-MB RAM server	Dependent on network	30,000	Unlimited	10,000 to 15,000
Database:				
Databases supported by NT Server	<input type="radio"/>	SQL	NDBM	Any ODBC- compliant database
Object-oriented repository	<input checked="" type="radio"/> (DB-Vista)	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
View database values for selected node	<input checked="" type="radio"/>	<input checked="" type="radio"/>	via command line	<input checked="" type="radio"/>
Reporting:				
Canned reports	Event Time Subnet Map Distribution	Network Summary, Subnet Map	<input type="radio"/>	Event Time Distribution, DNS Performance, Network Summary, Node Uptime, Subnet Map
Web-based reports	<input checked="" type="radio"/> as GIF files	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Database parameters as OLE extensions	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Third-party report writers supported	<input checked="" type="radio"/> via exports	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Events stored as	DB-Vista	SQL and flat file	ASCII	Relational database
SNMP historical statistics stored as	DB-Vista	SQL and flat file, Excel spreadsheet	Proprietary but exportable	Relational database
Topological data stored as	Proprietary	SQL	Proprietary but exportable	Hashed database, but exportable
Object data stored in	Proprietary	SQL	Proprietary but exportable	Hashed database, but exportable
Web Interface:				
View subnets	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Diagnose nodes	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Monitor events	<input checked="" type="radio"/> via Web Alarm View, an add-on package	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Browse MIBs	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Monitor groupings	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Monitor net. mgm't platform process/performance	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
SNMP network report viewing	<input checked="" type="radio"/> With Spectrum Web-based reports	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Integrated third-party Web device management launch	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Integrated third-party vendor Web page link	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Price Range:	Server, \$10,000; graphs, \$5,000; modules	\$5,600 plus agents	250 nodes, \$4,995; unlimited nodes, \$12,995; (third-party apps required for full functionality)	Up to 200 nodes Free; Less than 1,500 nodes, \$5,000; More than 1,500 nodes, \$15,000
Price as Tested:	\$65,000	\$5,600	\$12,995	\$15,000

 Yes No