Monitor all of your critical infrastructure from a single, integrated system.

Netmon is an appliance-based solution that gives you the tools to identify and resolve IT issues quickly and effectively.
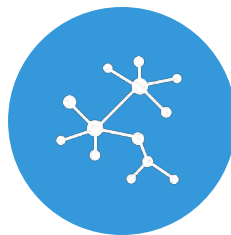
netmon

6.2

Servers

Identify and resolve server issues quickly and effectively

Identify the source of application performance problems

Continuously monitor server health and performance

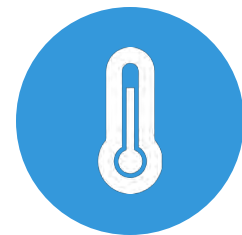Compatible with Windows and Linux operating systems

Networks

Monitor performance and availability of local and remote networks.

Identify the source of network bottlenecks instantly with integrated traffic visualization tools

Quickly determine the scope and impact of emerging network problems

Environment

Cameras - Pan and Tilt

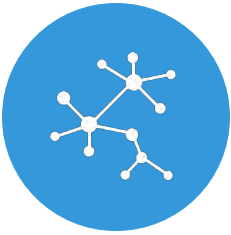Temperature and Humidity

Liquid Detection

Voltage Sensors

Motion and Airflow Sensors

Smoke Detectors

Door & Security Sensors

Dry Contact Sensors

Talk to a performance and availability expert now at +1 800 944 4511 or find us online at netmon.com
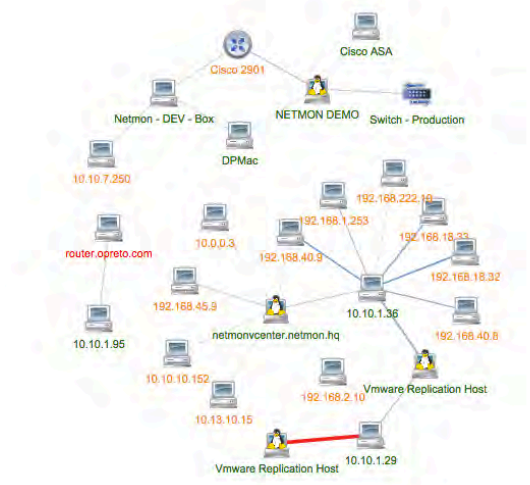
Network Monitoring Features

Network Traffic Monitoring

- Monitor real-time network activity with the Visual Network Explorer
- Integrated Layer 2 (Ethernet) Frame Analyzer
- Integrated Layer 3 and 4 (TCP/IP) Protocol Analyzer
- Automatic NetBIOS and DNS name resolution
- Monitor live network activity at remote WAN sites with integrated Cisco NetFlow Collector (v1, v5 and v7)
- Built-in protocol database identifies thousands of protocols
- Raw packet capture utility for low-level packet analysis in compatible client software (i.e. Wireshark)
- Instantly narrow activity views to specific hosts or protocols with easy to use filters
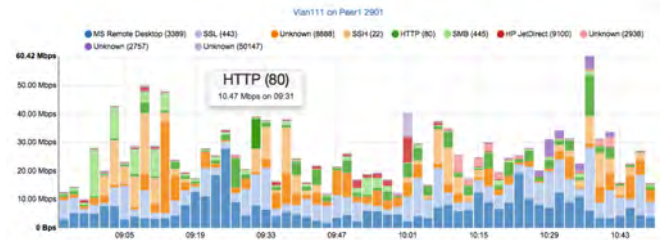
Network Connection Monitoring

- Monitor bandwidth utilization on any physical or virtual interface
- Detect interface flapping conditions or changes in the operational state of any network interface
- Detect frame collisions, errors, drops and duplex mismatches
- Collect event and error logs, as well as SNMP trap messages, with full integration with email and pager alert system
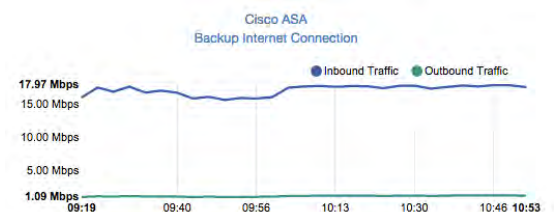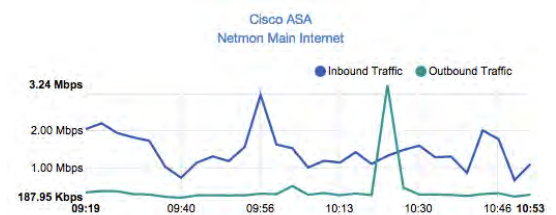
Remote Network Monitoring

- Collect data from remote sites with Netmon Remote collector appliance
- Transmits data to main Netmon console via NetFlow protocol

Email Traffic Analysis

- Deep Packet Inspection (DPI) of email protocols such as POP3, IMAP & SMTP
- Analyze the data gathered by our new DPI plug-ins through the email traffic analysis report and email resource statistics reports
- Find rogue email usage on the network

Server Monitoring Features

Monitor Windows or Linux Systems

- Monitor the operational state of Windows 2000/2003/2008/2012 services
- Monitor RAM utilization, CPU threads, processes and more

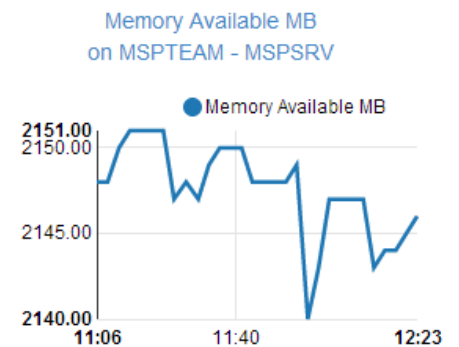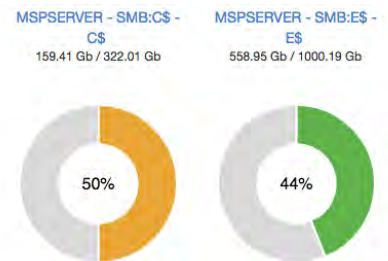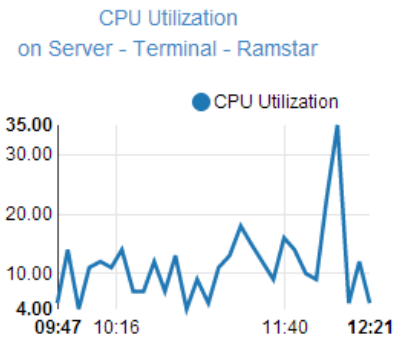## Monitor Event Logs and Security Logs

- Fully integrated syslog server - collect and store logs from all syslog-capable devices in a single location
- Organize syslog/event log data by host, facility and severity level
- Powerful built-in reporting and search capabilities, including support for regular expression pattern matches as well as standard text search
- Integrated email and pager alert facilities, including support for text and regex matching for alerts
- Translate Windows Event Logs into compatible syslog data streams with supplied SNARE Agent for Windows software

Monitor Host-Level Network Security

- On-demand port scanner identifies open ports and network services on any target host
- Background port scanning service identifies new network services as they appear on your network
- Identifies new devices which have appeared on your network with integrated ARP Probe Service

Monitor Websites and Web Applications

- Monitor websites and web applications with integrated URL Tracker Service
- Easily differentiate between valid and invalid results through keyword matching
- Supply additional GET parameters to test specific application requests such as search engines or database lookups
- Perform sophisticated pattern matching with regular expression support

CPU Utilization
on Server - Terminal - Ramstar

● CPU Utilization

MSPSERVER - SMB:C$ - C$
159.41 Gb / 322.01 Gb

MSPSERVER - SMB:E$ - E$
558.95 Gb / 1000.19 Gb

50%

44%

Memory Available MB
on MSPTEAM - MSPSRV

● Memory Available MB

URL	Pattern	Last Checked	Status
http://netmon.ca	the latest version of Netmon	20/3/2014 12:29:29	No match
http://www.cuttingedgetech.ca/	CNC machining facility	20/3/2014 12:30:30	No match
http://mortonwholesale.com	nd fresh produce from local growers	20/3/2014 12:31:49	No match
http://www.enviromon.net/	Monitoring Solutions apply to a	20/3/2014 12:30:31	Match
http://cloudmon.com/	Take control of your network	20/3/2014 12:30:31	Match
http://towsleyconstruction.com/	leading Design-Build	20/3/2014 12:31:04	Match
http://www.merchants.ca	consistently meeting your product needs	20/3/2014 12:31:48	Match
http://wiki.netmon.ca	Welcome to the Netmon wiki	20/3/2014 12:32:22	Match

Environmental Monitoring Features

Requires optional SensorHawk and/or SecurityHawk base unit and sensors

Monitor Environmental Conditions

- Monitor datacenters, server rooms, wiring closets and other locations for temperature or humidity changes
- Detect the presence of water with the included water sensor
- Monitor heat, air flow, voltage, detect the presence of smoke and more
- Monitor door contacts and motion sensors
- Monitor environmental conditions at multiple remote locations, including datacenters, branches and field offices, and process alert messages from a centralized console
- Connect to remote pan/tilt cameras

Server Room - Floor Sensor
17.5 ° C

Server Room - Ceiling Sensor
19.5 ° C

Other Features

Administration and Management

- Security groups allow you to assign distinct capabilities and permissions to Netmon user accounts
- Full control over each distinct monitoring service. Turn off services which aren't needed or required.
- Specify historical data retention policies for various individual monitoring services
- Flexible data backup facilities, including backing up directly to a remote network share / file server
- Label your own protocols by adding, editing or removing entries in Netmon's protocol index

Other Features cont'd

Comprehensive Alert Management System

- System-wide alert management allows you to view, edit or delete any of the alerts present in your system
- Pause an alert or schedule maintenance against any alert
- Flexible, recurring schedule from the Alert Management view
- Customize email and pager message templates

Reporting and Data Analysis

- Historical database of virtually all monitored activities
- Customizable protocol and host filtering lets you narrow reports to specific hosts and/or network activities
- Uptime/downtime and service latency reports
- Bandwidth utilization reports
- Sophisticated traffic and protocol analysis toolset
- Build and save custom reports for later one-click delivery
- Schedule automatic daily, weekly or monthly reports

Monitor UPS and Battery Backup Systems

- Receive a notification message when your UPS system
- switches to battery power
- Be alerted if your UPS system is overloaded
- Get a reminder when it's time to replace your battery
- Monitor the line quality of your utility power
- Receive an alert if your UPS fails a scheduled self-test

Monitor Printers and Copy Stations

- Send alert notifications to technical staff when paper jams or other device malfunctions occur
- Send a reminder message to the office manager when paper or toner levels get low
- Track hourly, daily and monthly usage rates for paper, toner and other consumables

Add/Edit Tracker

Label
Battery Temperature

Sampling Interval
180   seconds

☑ Log results and graph them   ☑ Display on Home Dashboard

Object Identifier (OID)
.1.3.6.1.4.1.318.1.1.1.2.2.2.0

Up/Down Report

Input Line Voltage	Output Voltage
120 V	120 V

Black Cartridge HP Q5950A 9790	Cyan Cartridge HP Q5951A 9300	Magenta Cartridge HP Q5953A 6400	Yellow Cartridge HP Q5952A 4800

Product Editions

Suitable for monitoring up to 1000 network devices.

On-premise collection appliance for remote reporting and data aggregation. Suitable for networks from 50 to 250 nodes, monitoring up to 25 network devices.

Appliance Information

Hardware Specifications

- Intel Quad Core Xeon E3 Haswell 3.1 Ghz
- 16 GB DDR 3 STT RAM
- 500 GB Samsung 850 EVO SSD
- 2 x GB LAN (Expandable), 2 SATA 3, IMMI, USB 3.0

Hardware Warranty

- 1 Year Hardware / Parts Replacement Warranty

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