

FirstWave

An abstract graphic on a dark blue background. It features a large, dark red, rounded shape that resembles a stylized wave or a thick brushstroke. Overlapping this shape is a lighter red, semi-transparent shape that also has rounded edges. In the upper right quadrant, there is a solid red circle. The overall composition is modern and minimalist.

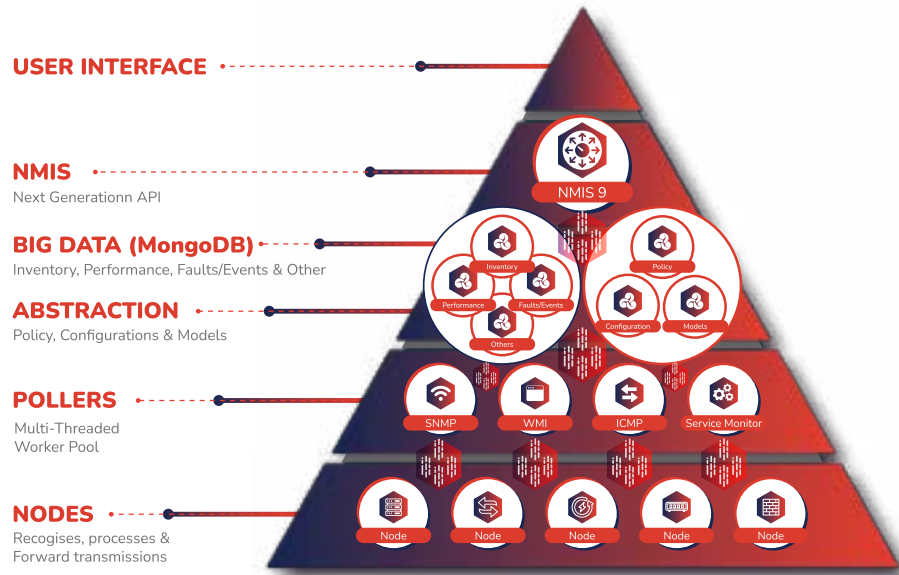
NMIS 9

**Network Management
Information System**

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Network Management Information System

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NMIS (Network Management Information System) is a comprehensive network management solution designed to assist with fault, performance, and configuration management. It offers performance graphs and threshold alerting, along with highly granular notification policies that support various notification methods. NMIS effectively monitors the status and performance of an organization's IT environment, aiding in the identification and rectification of faults while providing valuable insights for optimizing network operations.

Sophisticated business rules engine

Configure NMIS to classify and escalate events based on their business impact, not just their technical nature.

Pre-configured out-of-the-box solution

Start monitoring in minutes using the set-up wizard, pre-defined business rules, and extensive vendor device catalogue.

Visible operational impact

See how device performance is impacting the health of a single device, group, or entire network.

Automated live health baselining

NMIS maintains a live baseline of network health encompassing availability, response time, and performance, visually comparing to a previous baseline period.

Massively scalable

From large distributed global environments down to a single office implementation, NMIS handles the data, rules, and visualization.

Customizable alert escalation procedures

NMIS allows for customized alert escalation based on your organizational structure, operational hours, or chain of command.

FEATURES

BUSINESS MANAGEMENT:

PERFORMANCE MANAGEMENT

- Integrated fault and performance management.
- Live graphs can be created quickly and easily.
- Graphing period is flexible and can have lengths up to one year.
- Graphs are interactive and you can quickly drill down for more information.
- Graphing of Interface, CPU, and Memory stats.
- Interface statistics are returned in utilization and/or bits per second.
- Health and availability metrics are generated from statistics collected.
- Threshold engine which sends alerts when thresholds are exceeded.

REAL-TIME MONITORING

- Live baselining.
- Live performance and availability monitoring.
- Live flexible graphs.
- Live alerting and flexible notification conditions.

CONFIGURATION MANAGEMENT

- Checks for changes to device details.
- NMIS stores contact and location information that links to the SNMP sysContact and sysLocation MIBS.
- Produces DNS and Host records from the collected IP addressing information.
- Searches interface information by node name, interface name, description, type, IP address, for matching interfaces.
- Interface information includes IP address information.
- Dynamic handling of ifIndex changes and difficult SNMP interface handling.
- List to show your inventory management, including managed devices by location or type and software revisions.

BUSINESS RULES ENGINE

- Flexible event levels can be customized based on device type, location, group, or how important the device is to the business.
- Policy based actions – business actions for people to follow when a fault occurs.
- Policy-based escalation, event handling, and notifications.
- Planned outages – removes alerts during planned outage periods.

FAULTS AND EVENTS

- Customizable event levels that can be implemented for different devices.
- Color-coded events and statuses for fast interpretation.
- Customizable alerting system.
- Set unique event levels based on the group/location/SLA of devices.
- Events are stateful including thresholds, meaning that an event is only issued once.
- Integrated logging facility to view NMIS events and syslog messages.
- Outage time calculated for each down event.
- Planned outages aren't recorded against outage calculations and don't generate events.

MANAGEMENT REPORTING

- Live summary of entire managed environment into a single metric, which indicates reachability, availability, health, and response time of all devices being managed.
- Reports to assist in planning and measurements against KPIs.
- Powerful out-of-the-box reporting.
- Summary pages of devices including device information, health graphs, and interface.

EASE OF USE:

EASY IMPLEMENTATION

- Easy installation and maintenance of your servers.
- Support available for install and customization.
- Professional services are available for design and implementation.

ACCESSIBILITY

- Extensive Role-Based Access control mechanisms.
- Accessible from any device.
- Single Sign On (SSO) across all our applications.

EASY TO USE INTERFACE

- Easily modify single or groups of nodes.
- Preconfigured charts will show you data with the click of a button.
- Accessible from any common browser.

INTELLIGENT NETWORK MANAGEMENT INFORMATION SYSTEM:

NMIS'S MOST POWERFUL ENGINE

- MongoDB powers the database, allowing for more data to be saved and for you to get it quicker.
- NMIS has a multi-threaded approach; each action is added to a worker pool and no job is queued twice.
- NMIS has an improved I/O and scheduling, and can handle a larger node count while displayed on a more responsive interface.

NOTIFICATION MANAGEMENT

- Powerful, out-of-the-box reporting that can be sent through email.
- Reports for utilization, outages, and many more.
- Snapshot and dynamic reporting for metrics on all devices and groups of devices.

SCALABILITY

- Performance and fault data collected in a single poll.
- NMIS is an extremely efficient monitoring platform.
- Interface designed to provide specialized views to quickly identify problems in large environments.
- Summary information of your entire network.

EXTENSIVE SUPPORTED DEVICES

- If it has an IP address, NMIS can manage it and it will leverage the key IP of NMIS.
- If it doesn't have an IP address, NMIS can probably manage it too!
- Support of SNMP v1, v2, v3, and SNMP traps.

ESCALATION MANAGEMENT

- Create escalation policies based on device groups for high granularity.
- Notification engine can handle any "command line" notification method including email, paging, signs, or speakers.
- Integrated event manager allows a list of active events with an escalation level.
- Business hours and the contact system ensures the right people are contacted in the right way.

DISTRIBUTED MONITORING

- Manage an unlimited number of nodes.
- High level of redundancy.
- Single configuration for the system.
- Access all of your information from one place.

FirstWave

Ready to level up?

If you need help with taking your cloud email security to the next level, please contact FirstWave and we will be more than happy to help assess your current situation and recommend a solution to help your business.

CONTACT AN EXPERT

BOOK A DEMO

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