

NMS200

The NETGEAR Network Management System NMS200 allows for smarter management of NETGEAR infrastructures. Powerful, scalable, and simple to use, this management platform is installed and ready to use in a matter of minutes. NMS200 offers a single console for extensive visibility, granular control, and seamless automation across the entire network. By normalizing how the infrastructure is discovered, configured and monitored, administrators can save time, reduce errors, and increase operational efficiency.

Discovery and Mapping

NMS200 automatically discovers all NETGEAR-compatible equipment, interfaces and physical and logical connectivity, using various protocols and centralized credentials. NMS200 periodically “re-syncs” with the environment to ensure accurate network integrity. IT administrators can maintain a complete inventory of NETGEAR-managed infrastructure and easily view the network environment in the customizable topology viewer. The NETGEAR Network Management System displays the network logically and geographically – enabling IT teams to see conditions as they occur and gain additional network knowledge by drilling down in detail with a mouse click to sub-components and logical connections.

Configuration

NMS200 configuration management capabilities let administrators automatically maintain, back-up, restore, and compare network device configurations, eliminating the inefficiency and errors associated with manual configuration. With its easy-to-use graphical user interface, administrators can configure devices, save, and update configuration data with direct access. The NETGEAR Network Management System also centralizes firmware/OS management: firmware versions can be deployed to individual devices or groups of devices, based on a schedule.

Monitoring

The NMS200’s built-in monitors accurately collect and analyze real-time health-affecting conditions and performance metrics for NETGEAR managed equipment, indicating current and historical performance. The NMS200 provides graphical dashboards for key device performance indicators as well as service performance metrics, to consistently ensure the network is meeting expectations. Based on pre-defined and user-defined criteria, the management platform escalates appropriate issues as alarms via multiple notification methods – the alarm viewer, via email or pager, to 3rd-party systems, etc. System-initiated operations such as script-execution, configuration backups and/or restorations can be automatically triggered, while NMS200 displays dependable and filterable records of all events and alarms that have occurred in the environment, for troubleshooting and remediation purposes.



The NMS200 platform is downloadable at www.netgear.com/nms200. This is the fully functional version, with a 5-device test capability and no expiration date.

License packs are available from 15-device up to 500-device, and can be easily mixed and matched to meet today’s and tomorrow’s growing network needs.



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Begin
DiscoveryShow
ResourcesMonitor
Devices

NMS200

TECHNICAL SPECIFICATIONS	
OPERATING ENVIRONMENT	
OS Support	<ul style="list-style-type: none"> Windows Server 2003 32/64-bit Windows Server 2008 32/64-bit Windows XP 32-bit Windows Vista® 32/64-bit Windows 7 32/64-bit
GUI-based Installation	<ul style="list-style-type: none"> Automated (single server deployment - Windows)
Configurable Installation Location	<ul style="list-style-type: none"> Default install directory/path can be changed by user during installation process
Management Interface Support	<ul style="list-style-type: none"> SNMP v1/v2/v3 CLI: Telnet/SSH
DISCOVERY	
Automated Device Discovery	<ul style="list-style-type: none"> Automated device discovery -- includes top-level, subcomponents and interfaces/ports as applicable
Automated Link Discovery	<ul style="list-style-type: none"> Ethernet link discovery with LLDP
Discovery Protocol support	<ul style="list-style-type: none"> LLDP Support
Discovery Scheduling	<ul style="list-style-type: none"> Ability to schedule discovery tasks to be executed at specified time/date(s) in the future
Device Resynchronization	<ul style="list-style-type: none"> System resynchronization with device inventory
Device Resynchronization Scheduling	<ul style="list-style-type: none"> Ability to schedule device resynchronization to be executed at a specified time/dates(s) in the future
SNMP MIB Browser	<ul style="list-style-type: none"> Includes SNMP MIB browser for users to quickly view attributes of all MIBs in device
MONITORING	
Topology Mapping	<ul style="list-style-type: none"> Geographic and logical topology views, including filtering
Event Monitoring	<ul style="list-style-type: none"> SNMP trap reception with defined trap attribution, severity and descriptions
Alarm Escalation	<ul style="list-style-type: none"> Alarm generation based on pre-defined event definitions
Alarm Propagation	<ul style="list-style-type: none"> Alarm propagation to alarm viewer and topology views
Alarm/Event Actions	<ul style="list-style-type: none"> Event/alarm-initiated pre- or user-defined actions: notification, configuration operations, etc.
Device Performance Key Metrics	<ul style="list-style-type: none"> Real-time key performance metric collection and display for interfaces/ports of selected devices
Active Performance Monitoring	<ul style="list-style-type: none"> Device & interface monitoring, historical data persistence, thresholding & graphing
Canned Reports	<ul style="list-style-type: none"> Pre-defined reports for inventory, availability, port status, etc.
CONFIGURATION	
Configuration File Backup	<ul style="list-style-type: none"> Device configuration file backup for applicable devices; 1:1 and 1:Many, immediately or scheduled
Configuration File Restoration	<ul style="list-style-type: none"> Device configuration file restoration for applicable devices; 1:1, immediately or scheduled
Device Firmware Update	<ul style="list-style-type: none"> Automated deployment of selected version of firmware, immediately or scheduled
Firmware Pre-load	<ul style="list-style-type: none"> Firmware versions may be pre-loaded into the application
Configuration File Comparison	<ul style="list-style-type: none"> Color-coded, line-adjusted text comparison of two selected devices or stored files
Device configuration	<ul style="list-style-type: none"> Direct access/cut-through (HTTP/Telnet/SSH)
SUPPORTED DEVICES	
Fully Managed Switches	<ul style="list-style-type: none"> FSM726-300 GSM7224-200 GSM7248-200 GSM7228PS GSM7252PS GSM7328FS GSM7328S-200 GSM7352S-200

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SUPPORT ENTITLEMENT	
Warranty	<ul style="list-style-type: none"> NETGEAR 90-day Warranty
Technical Support	<ul style="list-style-type: none"> Basic technical support within 90 days from the date of NMS200 License(s) purchase Basic technical support within 90 days from the date of supported NETGEAR devices purchase Basic and Advanced technical support when NETGEAR Managed devices are covered by the ProSupport OnCall 24x7 service contract
ORDERING INFORMATION	
Current NMS200 version	<ul style="list-style-type: none"> NETGEAR ProSafe Network Management System NMS200 v2.1
15-device license pack – NMS215 30-device license pack – NMS230 50-device license pack – NMS250 100-device license pack – NMS2100 500-device license pack – NMS2500	<ul style="list-style-type: none"> SKU: NMS215-10000S SKU: NMS230-10000S SKU: NMS250-10000S SKU: NMS2100-10000S SKU: NMS2500-10000S
License pack utilization	<ul style="list-style-type: none"> Device license packs are electronic keys Each electronic key needs to be redeemed at www.doradosoftware.com/netgear
Licensing information	<ul style="list-style-type: none"> Device licenses can be mixed and matched 5-device built-in capability is intended for testing only The first device license will reset the NMS200 device counter For instance, the first NMS250 license will reset NMS200 device counter to 50 managed devices – additional device licenses are incremental
Upgrades	<ul style="list-style-type: none"> Free NMS200 v2.x minor upgrades included

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*Free basic installation support provided for 90 days from date of purchase.

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