



ProximVision NMS

ProximVision NMS currently supports the following Proxim products:

- Tsunami® MP-820 compact and robust point to multipoint series
- Tsunami® MP-8100/8200 high throughput point to multipoint series
- Tsunami® MP-8160 high throughput point to multipoint 6.4 GHz series
- Tsunami® QB-825 compact and robust point to point series
- Tsunami® QB-8100/8200 high throughput point to point series
- Tsunami® QB/MP .11 legacy point to point and multipoint series
- Tsunami GX-810 and GX-800 license point to point series
- ORiNOCO® AP 800/8000/8100 802.11n Access Points
- ORiNOCO® AP 700/4000 legacy Access Points
- SNMPv2 aware non-Proxim devices (basic support)

Proxim Wireless is a global pioneer of broadband wireless systems that deliver the quadruple play of video, voice, data and mobility. From Wi-Fi to wireless Gigabit Ethernet – our WLAN, Wi-Fi Mesh, WiMAX and point-to-point wireless backhaul products are available through our extensive global channel networks.

ProximVision NMS enhances management capabilities with its client-server architecture and its integrated database

Proxim Vision NMS breaks the frontier of the control room and expands management capabilities. The network operator is no longer required to be next to the management server, but can manage the entire network through the cloud via a simple web browser. Information is not limited to real time data: device status and events are saved into the database and can be recalled via the dashboard. Proxim Vision NMS also improves asset management via inventory report and scheduled firmware management. Proxim Vision NMS works with a customizable display layout, tree architecture, graphical maps and visual or audible alarms.

Complete Network Management

ProximVision NMS helps deploy and monitor Proxim Wireless networks more efficiently.

- Auto discovery of network devices makes identifying devices for configuration a snap
- User-friendly interface makes it possible to group, manage and configure all devices available on the wireless network
- Scheduled tasks ensure device configurations or firmware updates occur at less disruptive times
- Devices profile management retrieves configuration from one device and propagates it to similar devices for instant configuration
- Built in database records device status and provides review capabilities for deeper analysis of network behavior

Multiple Remote Access

ProximVision NMS gives network managers a flexibility to define access policy from the office or through the cloud.

- Local or Web based access provides management capabilities from around the globe
- Comprehensive user profile creation allows control access and tracking activity of multiple operators
- Network segmentation enables simpler mobile monitoring and management of the network and devices

Geographical Network View and Performance Dashboard

ProximVision NMS provides a map overlay of your entire network with real-time, visual network status indicators.

- Use the Static Map feature to place devices on a static map that are located in closed spaces such as buildings and offices
- Use the built in map location tool to create a geographic view of your network and placement of your wireless devices at configured GPS co-ordinates
- Devices and link status can quickly be determined thanks to color coded icons
- Network administrators can plot current or historic information such as link SNR, traffic load and other metrics to evaluate network health and manage bottlenecks

Fault Management

ProximVision NMS monitors your network and informs you of operational events or alarms.

- You define the severity of each event and what level of alert is needed: visual, audible or email generation
- Alarm thresholds can be added for any parameter (via its SNMP object ID) with advanced threshold crossing rules
- Alert filtering tool helps quickly determine where the fault is. Once correction is applied, the alert is acknowledged

FEATURES	
CLIENT SERVER ARCHITECTURE	Server application running within the IT department Web and Java based client for remote access
ADMINISTRATION	Customized User Access levels (unique profile per user) Advanced passwords management Connected user information and operation audit trail
DATABASE MANAGEMENT	Backup, restore, Compaction, Device Suppression
CUSTOM LAYOUT	Adapt PV NMS display to supervisor needs Managed two customized layout with easy toggle
DEVICE DISCOVERY	Auto Discovery with periodic update Manual Discovery Link discovery templates Assign Newly discovered devices to groups Inventory report
TOPOLOGY MANAGEMENT	Tree Architecture with Subnet Group organization Automatic device association (Tsunami MP SU to BSU or Tsunami QB EPA to EPB) Device Context Menu and Label selection
NETWORK MAPS	Static maps based on imported drawing (area view, building plan ...) Dynamic Maps directly retrieved from Open Street Map (requires Internet connection) Dynamic Map functionality supports device placement at configured GPS Co-ordinates Use color coded icons to display devices and links over the map
CONFIGURATION	Direct Access to managed device WEB GUI Devices profile management to propagate one device configuration to many
SCHEDULED TASK	Periodic device configuration and logs backup Multiple device license management Multiple device, SNMP object ID setting, Firmware upgrade or Automatic Reboot
FAULT MANAGEMENT	Color coded Event and alarms display with acknowledgement Event selection in predefined list with severity selection Comprehensive Alarms threshold creation with multiple triggering criteria Visual, Audible and email alerts
NETWORK TROUBLESHOOTING	ICMP ping, Traceroute and SNMP ping, even for non managed devices Radio Link Test to measure performance and optimize RF configuration
DASHBOARD	View Current and History Chart Print, Save or Export to Excel file
SNMP VERSIONS	SNMPv1, SNMPv2 and SNMPv3
OPERATING SYSTEMS	Server: Windows 2003 / Windows 2008 Client: Windows (Other Operating Systems are not compatible)
MINIMUM SYSTEM REQUIREMENTS	Quad core 3 GHz CPU (Intel Xeon® E3-1220 or equivalent) 4 to 8 GB RAM, 500 to 1 000 GB single partition Hard Disk space

License

ProximVision NMS can be downloaded from the Proxim Wireless website and can be quickly and easily installed. ProximVision NMS is a full feature software package and can be used indefinitely to monitor and manage up to four Proxim devices but is not eligible for regular technical support.

If you are satisfied with ProximVision NMS and wish to manage a larger network and leverage our technical support services please contact your Proxim Wireless sales representative, use the built-in license upgrade functionality within ProximVision NMS or send a request through the Proxim Wireless corporate website to purchase a license of our other ProximVision NMS models.

<http://www.proxim.com/about-us/contact-us>

PRODUCTS	Model Number	CPN Number
PROXIMVISION NMS - SUPPORTS 20 NODES	PVNMS-20	989-00011
PROXIMVISION NMS - SUPPORTS 100 NODES	PVNMS-100	989-00012
PROXIMVISION NMS - SUPPORTS 500 NODES	PVNMS-500	989-00013
PROXIMVISION NMS - SUPPORTS 1000 NODES	PVNMS-1000	989-00014
UPGRADES		
PROXIMVISION NMS 20 NODES TO PROXIMVISION NMS 100 NODES	PVNMS-20to100-UPG	989-00015
PROXIMVISION NMS 20 NODES TO PROXIMVISION NMS 500 NODES	PVNMS-20to500-UPG	989-00016
PROXIMVISION NMS 20 NODES TO PROXIMVISION NMS 1000 NODES	PVNMS-20to1000-UPG	989-00017
PROXIMVISION NMS 100 NODES TO PROXIMVISION NMS 500 NODES	PVNMS-100to500-UPG	989-00018
PROXIMVISION NMS 100 NODES TO PROXIMVISION NMS 1000 NODES	PVNMS-100to1000-UPG	989-00019
PROXIMVISION NMS 500 NODES TO PROXIMVISION NMS 1000 NODES	PVNMS-500to1000-UPG	989-00020
PROXIMVISION NMS - 20 NODES UPGRADE	PVNMS-plus20-UPG	989-00021

For detailed technical specifications, please go to <http://www.proxim.com/products/network-management>

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