Introducing ProximVision
Network Management System

- Fault Management
- Cloud Based
- Map and Dashboard
Manage Your Wireless Network Via The Cloud

Engineered with a revolutionary new design, the next generation ProximVision Network Management System (PV NMS) is an incredibly powerful network management solution that provides a complete view of your network and at the same time offers seamless granular-level device monitoring. With integrated database and cloud based architecture the PV NMS literally expands management capability and breaks the boundaries of the control room to help administrators manage their network anytime, anywhere. Furthermore the PV NMS offers a plethora of features ranging from inventory management, customizable graphics to device level statistics and diagnostics reports not to mention the advanced fault management features with email alert. Thereby making the PV NMS an ideal choice for any kind of application and industry: ISP’s, video surveillance, ITS, indoor LANs, backhauls, schools, medical, hospitality etc.

Device SNMP agent is used to monitor network 1 devices. ProximVision NMS collects the data and sends to the server via the SNMP agent.
All Features Within A Single Click

Developed from a user’s convenience point of view, the PV NMS home page is a very comprehensive control panel that displays almost all the utilities within a single click of the user. The home page comprises of various tool bars, management tabs which allows user to carry out almost everything starting from as micro as viewing devices labels to as macro as viewing the complete inventory of devices and in the same breadth viewing notifications of all issues and events. The PV NMS also allows administrators to customize layouts with all tabs/panes barring a few essential ones.
Multiple, Remote Login With Advanced Access Control Features

The ‘access control’ is an extremely versatile feature that empowers administrators to define, add and manage access from practically anywhere in the globe. To control and restrict access, administrators can define permissions via three in-built profiles - Admin, tech or viewer. Once added the administrators can also track the history of all the operations with the ‘audit trail’ feature. Moreover, being a cloud based platform the PV NMS provides complete flexibility allowing all of its users to remotely login via web browsers.

Tree View And Inventory Management

The topology management feature helps users to place and view devices in a frame where all the devices reside in a tree structure format. One can simply drag and drop devices from one subnet group to the other as per their requirement. In addition the inventory report provides complete information of all devices in a subnet which can be even exported for later viewing and sharing.

Auto And Periodic Discovery

Auto Discovery: The auto discovery feature offers multiple discovery options, which a user can select to determine the devices in his/her network. One can either enter the IP address range or subnet group or even block a particular IP range to not discover from. Once initiated the PV NMS automatically discovers the devices and renders them in the maps and network topology. However in the case a user wants to discover one specific device he can always use the manual discovery option.
Periodic Discovery: This feature is designed especially for administrators who manage complicated, large networks, where manually discovering every device is a time consuming task. With the periodic discovery feature, administrators can now quite simply set the discovery process for a scheduled time instead of manually searching until every network node is discovered. When turned on, the Periodic Discovery feature runs the discovery process at set intervals of time, thereby not only removing the laborious manual process but also ensures that all devices are discovered. Even the ones that were not discovered previously.

Maps And Color Coded Link Status

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

Dynamic Map: These are real-time maps (Open Street Maps) which can be used to create a geographic view of the network and wireless devices at configured GPS co-ordinates.

Static Map: Static maps allow users to upload their own maps and also manually place the devices on the maps. They are especially designed for scenarios where real-time maps are unable to capture geographical details such as indoors of buildings etc.
Link Status, Channel Maps Via Color Codes: The dynamic maps is user friendly visual feature that provides users to determine the link quality between devices via color codes based on the SNR values. Depending on the link quality, the color codes of the links change from yellow to green and for any requirement of customizations, users can manually pick unique color codes for frequency channels as shown below.

![Image of color codes](image)

**Scheduled Tasks**

The Scheduled Task feature, as the name suggests, empowers users to perform pre-defined tasks on either a single device or all the devices of the network at a pre-scheduled time. The tasks include retrieving log files, events logs, temperature logs etc at a scheduled time, upgrading software, rebooting devices etc. The scheduling of tasks can be done hourly, every day at same hour or weekly (Same day & hour). One can additionally clone a particular task and execute it on other devices. Once all the tasks is completed, the PV NMS can also email a group with its “mail to group” feature.

![Image of scheduled tasks](image)
Fault Management Alarms With Visual, Audible And Email Alerts

Fault Management is used to detect, notify and resolve faults found in the network. This feature allows one to define alarms and alerts for virtually any kind of variation in the network behavior. Once set, the ProximVision NMS monitors the network devices to detect variations and then automatically generates alarms when those variations occur. This way, it helps administrators to drill down at specific occurrences which one might have otherwise missed. The Fault Management features allow one to set alarms and alerts based on:

- **Threshold Alarms**: Alerts are triggered and generated when traffic reaches a specific threshold as administrator specifies. PVNMS allows administrators to define threshold level virtually over any parameter or characteristics.

- **Traps**: In addition to custom defined threshold alarms, the PVNMS hosts more than 60 pre-defined threshold filters.

- **Events**: An event is the occurrence of a condition on the network, such as device rebooting, the server is starting up, or a commit has succeeded. Once resolved, the alarm messages are moved under events. All event occurrences are consolidated and can be viewed via a window as shown below. Additionally severity can be set on particular events such as setting “critical” to events, like network link down etc.
Alarms And Alerts: Once the traps and thresholds have been set up, a user can choose how to receive this. Either a user can view it and receive audible alarms from the fault management window or receive it remotely over emails via computer, phones and other mobile devices.

Dashboard

Whether you are analyzing network performance or debugging issues, the dashboard is a monitoring tool that one can’t afford to ignore. The Dashboard provides easy tabular and graphical representation of both historical as well as real-time performances of the network devices such as errors, SNR levels, and transmission rate of devices etc.
About Us

Proxim Wireless Corporation (OTC Markets: PRXM) provides Wi-Fi®, Point-to-Point and Point-to-Multipoint 4G wireless network technologies for wireless internet, video surveillance and backhaul applications. Our ORiNOCO® and Tsunami® product lines are sold to service providers, governments and enterprises with over 2 million devices shipped to over 250,000 customers in over 65 countries worldwide. Proxim is ISO 9001-2008 certified. For more information, visit www.proxim.com. For investor relations information, e-mail ir@proxim.com or call +1 413-584-1425.

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