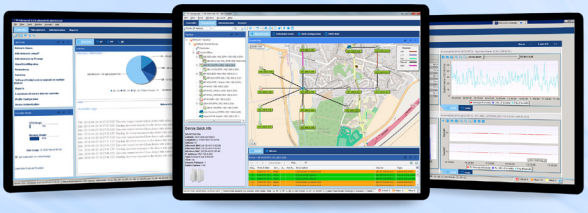
ProximVision® Advanced

Advanced Cloud Enabled Carrier Management System + WLAN Controller



Control, Provision and Manage

ProximVision® Advanced unifies management of the entire Proxim network infrastructure.

It provides All the tools needed for effective network management, including monitoring, remote device configuration, bulk firmware updates, and much more.

As an SNMP-based management platform, it can also monitor third-party equipment.

Cloud Enabled

ProximVision® Advanced is ideally suited to operate in the cloud on AWS. This has the advantage of providing a high availability, while also reducing operational cost.

Be the first to know

Identify faults and troubleshoot remotely

- Set push-notifications on events that require immediate notification
- Quickly identify and isolate faults via the alert filtering tool
- Add threshold alarms with advanced rules
- Access and manage your network from any location via web based access

Try for Free

ProximVision® Advanced starter kit will support 100 nodes during the first month and then switch to 4 nodes without time restriction.

Increase Productivity

ProximVision® Advanced streamlines, automates, and monitors networks tasks, off loading the day to day tasks allowing network managers to focus on higher level activities such as network expansion.

- Instantly deploy devices with configuration templates
- Perform network-wide software updates in a single keystroke
- Schedule or automate day to day maintenance tasks
- Build custom reports and set email alerts

Specifications

CLIENT SERVER ARCHITECTURE	
	Server application running within the IT department Client application for remote access available in English, French, Spanish and Chinese
ADMINISTRATION	
	Customized User Access levels (unique profile per user) with Advanced password management Remote User Authentication based on TACACS+ or LDAP services Connected user information and operation audit trail with Syslog forwarding Up to 50 concurrent sessions with auto log off
DATABASE MANAGEMENT	
	Backup, restore, Compaction, Device Suppression
REDUNDANCY	
	Active and Standby server with shared floating IP address Database mirroring between Active and standby server
NORTHBOUND INTERFACE	
	Alarm forwarding group via SNMP v2c/v3 REST API
CUSTOM LAYOUT	
	Adapt PV Advanced display to supervisor needs Managed two customized layout with easy toggle
BASIC CONTROLLER	
	Auto Discovery, Configuration and Firmware Update of devices with controller mode enabled MAC address based device control with IP address assignment Collect, store and display clients information RF Channel View
ADVANCED CONTROLLER (ORINOCO)	
	Access Point RF management: Auto Channeling (including Auto Power), Rogue AP report. Network Status (Availability, Airtime Load, CRC Errors, Cumulated Traffic) Network Statistics (top/bottom 10 APs for various criteria) Client Management: Load Balancing and Band steering Client Positioning and Tracking
ADVANCED CONTROLLER (TSUNAMI, EDGE and STRATUM)	
	Base Station RF management: Auto Channeling Network Status (Availability, Airtime Load, CRC Errors, Cumulated Traffic) Network and QoS Statistics (top/bottom 10 devices for various criteria)
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 Dynamic Map functionality allows real time tracking of Tsunami 10200, Edge and Stratum device equiped with GPS module 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
RADIUS AUTHENTICATION	
	Simplified Tsunami 820/8200/10100/10200 and Edge 1000 Radius Authentication settings
SCHEDULED TASK	
	Scheduled performance email reports 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 Dual alarms group help isolate important device for quicker visualization Event selection in predefined list with severity selection Comprehensive Alarms threshold creation with multiple triggering criteria Visual, Audible and email alerts
NETWORK THROUBLESHOOTING	
	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 2012 R2 / Windows 2016 / Windows 2019 / Windows 2022 Ubuntu 18.04 LTS/Ubuntu 20.04 LTS, CentOS 7 or 8 Client: Windows and Linux

SUPPORTED PRODUCTS

Monitor	Management	Basic Controller	Advanced Controller
GX60	Stratum™ SX5/SX3/SX1 Edge™ MP/QB 1000 Tsunami® MP/QB/XP 10100/10200 Tsunami® MP/QB 8100/8160/8200/8260 Tsunami® MP/QB 820/822/825/826/835 ORiNOCO® AP 9100/AP-9100R/AP-9200R/QB- 9100 Tsunami® and ORiNOCO® legacy products	Stratum™ SX5/SX3/SX1 Edge™ MP/QB 1000 Tsunami® MP/QB/XP 10100/10200 Tsunami® MP/QB 8200/8260 Tsunami® MP/QB 820/822/825/826/835 ORiNOCO® AP 9100/AP-9100R/AP-9200R/QB-9100	Stratum™ SX5/SX3/SX1 Edge™ MP/QB 1000 Tsunami® MP/QB/XP 10100/10200 ORiNOCO® AP 9100/AP-9100R/AP-9200R

MINIMUM SYSTEM REQUIREMENTS

Network	Number of Devices	32-bit OS / Application	64-bit OS / Application	CPU	Memory	Disk
Small	<250	Yes	Yes	Intel® Xeon® E-2334 3.4GHz processor with 8MB Cache	8 GB UDIMM	1.2 TB SAS HDD
Medium	<1,000	No	Yes	Intel® Xeon® Silver 4309Y 2.8GHz processor with 12MB cache	16 GB RDIMM	1.2 TB SAS HDD
Large	<5,000	No	Yes	Intel® Xeon® Silver 4309Y 2.8Ghz processor with 12MB cache	32 GB RDIMM	2 TB SAS HDD
Extra Large	<10,000	No	Yes	Intel® Xeon® Silver 4310 2.1GHz Processor with 18MB cache	64 GB RDIMM	4 TB SAS HDD

ABOUT PROXIM WIRELESS:

Proxim Wireless is a global leader in advanced wireless broadband and WiFi solutions that deliver high performance and high availability communications. Celebrating 40 years of pioneering wireless solutions, Proxim is recognized for unparalleled reliability, superior performance, and drive for innovation.

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