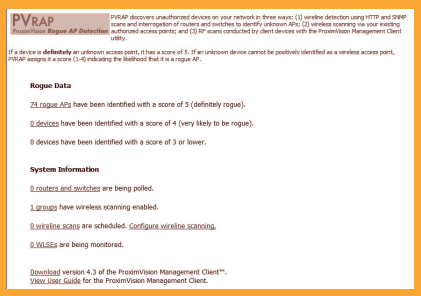
PVRAP
ProximVision Rogue AP Detection

PVRAP discovers unauthorized devices on your network in three ways: (1) wireline detection using HTTP and SNMP scans and interrogation of routers and switches to identify unknown APs; (2) wireless scanning via your existing authorized access points; and (3) RF scans conducted by client devices with the ProximVision Management Client utility.

If a device is **definitely** an unknown access point, it has a score of 5. If an unknown device cannot be positively identified as a wireless access point, PVRAP assigns it a score (1-4) indicating the likelihood that it is a rogue AP.

Rogue Data

74 rogue APs have been identified with a score of 5 (definitely rogue).

0 devices have been identified with a score of 4 (very likely to be rogue).

0 devices have been identified with a score of 3 or lower.

System Information

0 routers and switches are being polled.

1 groups have wireless scanning enabled.

0 wireline scans are scheduled. Configure wireline scanning.

0 WLSEs are being monitored.

Download version 4.3 of the ProximVision Management Client™.
View User Guide for the ProximVision Management Client.

ProximVision VisualRF Visualization Module

You cannot manage what you cannot see. With ProximVision, everything is visible – even the airwaves.

The VisualRF module is a part of ProximVision Advanced version that gives you a real-time picture of the actual radio environment of your wireless network. Using the site maps generated by the ProximVision Wireless Site Plan (PVSP) software, ProximVision VisualRF (PVRF) overlays them with real-time radio information from your APs. Now you can see what RF environment really looks like. Using PVRF, you can see where the wireless coverage is solid, where there are gaps, where users are connected to the wireless network, and even where unauthorized "rogue" access points are attached to your LAN.

- Imports RF site maps from the PVSP software
- Automatically incorporates real-time data from existing Wi-Fi access points and updates site plan
- Presents real-time graphical monitoring views showing RF coverage area, client/user location, rogue AP location, and more
- "Before" and "After" views of your RF environment so you can review the impact of proposed changes before implementing
- Requires no additional hardware or RF sensors to gather and display RF data

ProximVision Rogue AP Detection Module

Unauthorized 'rogue' access points are a critical threat that can expose sensitive corporate data to intruders, and may undercut an organization's entire regulatory compliance program. Unfortunately, the most likely location for a rogue to be connected to your network is where it is hardest to detect: in remote offices without authorized Wi-Fi networks, hundreds of miles from your headquarters. ProximVision rogue access point detection module (PVRAP) will help you sleep at night, knowing that no unauthorized APs have been connected anywhere without your knowledge.

The PVRAP software solution uses a unique combination of wireless and wired network discovery techniques to detect and locate all rogue APs, wherever they may be. It uses your existing, authorized wireless access points to locate any unknown radios within RF range. PVRAP then scans your wired network to locate any other rogues that may not be within range of your access points. PVRAP correlates results of the wireless and wired scans and delivers you a high-priority alert containing all the information you need to locate and remove the rogue device.

PVRAP integrates with ProximVision VisualRF module to calculate and display the physical location of any rogue access points, using RF data from your existing APs and the ProximVision Management Client.

ProximVision rogue AP detection module is part of ProximVision Advanced version.

- Wired network discovery to locate wireless access points anywhere on the network
- Wireless detection of rogues within range of authorized, managed access points
- Correlated alerts containing all data from both wired and wireless scans
- Triangulation of rogue location through integration with the VisualRF module
- No proprietary sensors or hardware required for accurate rogue detection

ProximVision Wireless Site Plan

An accurate site plan is crucial to deploying and effectively managing a Wi-Fi installation. With ProximVision Wireless Site Plan (PVSP), designing a site plan for a Wi-Fi network doesn't require an RF engineer. And once it's complete, it won't sit in your drawer gathering dust; it will become a living document that enhances intelligent network planning and accelerates problem resolution. The PVSP software is an easy-to-use, Visio-based software application that helps you quickly create an RF site plan for your facility. Once your site plan is complete, you generate reports for your installers to use as they deploy your wireless access points and other infrastructure. Then, when installation is complete, PVSP synchronizes with the ProximVision Management Platform to automatically provision your APs and configure them to match your a plan.

PVSP enhances network security by providing a clear, up-to-date record of the location of all wireless devices for your auditors and compliance officers. By providing a geographic map of your RF airspace, it also makes possible more accurate real-time location tracking of users, 'rogue' access points, and your own wireless APs.

The site plan you generate with PVSP is automatically converted into a graphical VisualRF view, so you can view it on an ongoing basis through ProximVision's browser-based user interface.

- Import any existing graphic to begin to create your wireless site plan
- Drag-and-drop user interface allows you to place access points on the site map quickly and easily
- Automated generation of reports for your network installers
- Automatic provisioning of your wireless APs through synchronization with ProximVision
- Creation of a "Living Site Plan" that is automatically updated by the ProximVision
- Visio-based application for familiarity and ease-of-use

PROXIMVISION ADDITIONAL FEATURES

Device Discovery	• Uses SNMP, HTTP, CDP, and other discovery protocols to locate all Wi-Fi devices
Policy Enforcement & Audit	• Uses group-based 'templates' for efficient centralized management of any number of access points • Routinely audits each Wi-Fi device configuration and compares it to policy • Immediately alerts of and can automatically 'repair' improperly configured devices • Routinely audits each Wi-Fi device configuration and compares it to policy
Provisioning & Configuration	• Integrates with PVSP to automatically configure Wi-Fi devices to match site plan • Automatically ensures that all devices are using an approved, up-to-date version of firmware • Automated RF channel assignment and management
Monitoring & Diagnostics	• Monitors every device and user on the wireless network in real-time • Identifies and searches for users by username • User views show signal strength and roaming history of each user • Intelligent diagnostics and automated alerts when problems are detected
Reporting & Visualization	• Integrated reporting package that includes usage reports, device inventory reports, client session reports, device uptime reports, and more • Exports all reports (via XHTML) • Automated email distribution lists for key reports • Fully customizable reports by group time period, etc.

Specifications

PRODUCT MODELS	
STANDARD:	
PROXIMVISION-25	200025
PROXIMVISION-100	2000100
PROXIMVISION-200	2000200
ADVANCED:	
PROXIMVISION-25	200025A
PROXIMVISION-100	2000100A
PROXIMVISION-200	2000200A
HARDWARE SPECIFICATIONS:	
PROCESSOR	Intel Pentium D processor, 3 GHz
FRONT-SIDE BUS SPEED	800 MHz
INTERNAL CACHE	2 MB
EXPANSION BUS TYPE	PCI-X
RISER CARD	One full height, half-length, 64-bit PCI-X slot
RAM	1 GB
HARD DRIVE	80 GB
CD DRIVE	24X internal
NETWORK ADAPTER CONNECTOR	Two RJ-45 (for integrated 1-GB network adaptors)
PS/2-STYLE KEYBOARD CONNECTOR	6-pin mini-DIN
PS/2-COMPATIBLE MOUSE CONNECTOR	6-pin mini-DIN
SERIAL CONNECTOR	9-pin
USB CONNECTORS	Four 4-pin, USB 2.0 compliant connectors (two on front and two on back)
VIDEO CONNECTORS	Two 15-pin VGA connectors (one on front and one on back)
VIDEO TYPE	Integrated XGI XG20 VGA controller
VIDEO MEMORY	16 MB
AC POWER	345 W, 100 - 240 VAC, 50/60 Hz
SYSTEM BATTERY	CR 2032 3.0-V lithium ion coin cell
PHYSICAL SPECIFICATIONS	
DIMENSIONS	Height: 44 mm (1.73 in), Width: 483 mm (19 in), Depth: 546 mm (21.5 in)
WEIGHT	9.98 kg (22 lbs)
ENVIRONMENTAL SPECIFICATIONS	
TEMPERATURE	OPERATING: 10° TO 35°C (50° TO 90°F) STORAGE: -40° TO 65°C (-40° TO 149°F
RELATIVE HUMIDITY	OPERATING: 8% to 95% (non-condensing) with a maximum humidity gradation of 10% per hour STORAGE: 5% to 95% (non-condensing)
MAXIMUM VIBRATION	OPERATING: 0.25 G at 3–200 Hz for 15 min STORAGE: 0.5 G at 3–200 Hz for 15 min
MAXIMUM SHOCK	OPERATING: One shock pulse in the positive z axis (one pulse on each side of the system) of 41 G for up to 2 ms STORAGE: Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
ALTITUDE	OPERATING: –16 to 3048 m (–50 to 10,000 ft) STORAGE: –16 to 10,600 m (–50 to 35,000 ft)
PACKAGE CONTENTS	One ProximVision Appliance preloaded with appropriate software application, one bezel with key, Versarail package for mounting (with documentation), documentation CD, Quick Install Guide, Regulatory Guide (if needed), Power cords (EU, UK and US), licenses for PVSP and PVMC
WARRANTY	1 year parts and labor
RELATED PRODUCTS	All ORiNOCO Access Points, Tsunami MP.11 products, ProximVision Upgrades, Proxim ServPak Extended Support

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