airwave®

DATA SHEET

RAPIDS Rogue AP Detection Module

RAPIDS ROGUE AP DETECTION MODULE

Unauthorized 'rogue' access points are a critical threat that can expose sensitive data to intruders and may undercut your organization's entire regulatory compliance program (Sarbanes-Oxley, HIPAA, PCI, etc.) Unfortunately, the most likely place 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. The RAPIDS rogue access point detection module is a part of the AirWave® Wireless Management Suite (AWMS) that lets you sleep easily at night, knowing that there are no unauthorized APs connected anywhere on your network.

FEATURES AND BENEFITS

- Import any existing floor plan graphic to begin to create your wireless site plan
- Wired network discovery to locate wireless access points anywhere on the network
- Wireless detection of rogues within range of authorized, managed access points
- AirWave Management Client provides supplemental RF scanning data from Windows devices on which it is installed
- Correlated alerts containing all data from both wired and wireless scans
- Locates rogues by triangulaton of radio data and displays on-screen by integration with the VisualRF module
- High accuracy and low false positive rate through rogue scoring and OS interrogation
- No proprietary sensors or hardware required for accurate rogue detection

> *"We calculated that it would take us two years to install wireless sensors in 3,000+ retail stores. Two years without a true security solution in place is far too long."*
>
> IT Security Manager, Fortune 500 Retailer

SECURITY IS STRENGTHENED

AirWave's RAPIDS software solution uses a unique combination of wireless and wired network discovery techniques to detect and locate all rogue APs on your networks, wherever they may be. RAPIDS uses your wireless access points to discover and pinpoint any unknown radios within RF range. It also scans your wired network to locate any other rogues that are not within radio range of your access points. RAPIDS 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 any rogue devices it has found.

MANAGEMENT IS EASY

With RAPIDS' simple web-based user interface, you can launch a global wired and wireless network rogue AP scan from a single console, plus set a schedule for regular, automatic scans.

VISIBILITY—SEE WHERE THEY ARE

Through integration with the VisualRF module of AWMS, your floorplan can be viewed on an ongoing basis through a standard web browser. RAPIDS and VisualRF remain constantly synchronized, ensuring that you always have an up-to-date site plan for use in troubleshooting and network planning. When RAPIDS detects a threat in your network, the location of that threat can be graphically displayed, enabling you to rapidly address and remove the threat.

WI-FI ROI IS ENHANCED

RAPIDS uses your existing wired and wireless network infrastructure. It does not require proprietary sensors. It fully automates rogue AP detection efforts, eliminating the cost of manual scans.

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FUNCTIONALITY

Wired Network Scans and AP Identification

- Uses SNMP, HTTP, CDP, and other methods to identify all devices on your wired network
- Interrogates devices with manufacturer default and configurable passwords to 'fingerprint' a wireless AP
- Examines the MAC address of each device on the network and compares it to RAPIDS' database of 9,000+ known MAC address ranges to identify devices with MAC addresses commonly used by wireless hardware manufacturers
- Uses RAPIDS' database of 1,700+ OS types to identify the device operating system to help you eliminate 'false positive' results (i.e., a device with an embedded OS is far more likely to be a rogue access point than a device with a Windows OS)

Wireless Network Scans

- Instructs authorized access points to scan the airwaves for other wireless APs
- Compares results of RF scans to the list of known access points to create a rogue list
- Allows you to distinguish between 'true rogues' & 'neighboring APs' that are in RF range but not connected to your network

Rogue Scoring & Elimination of False Positives

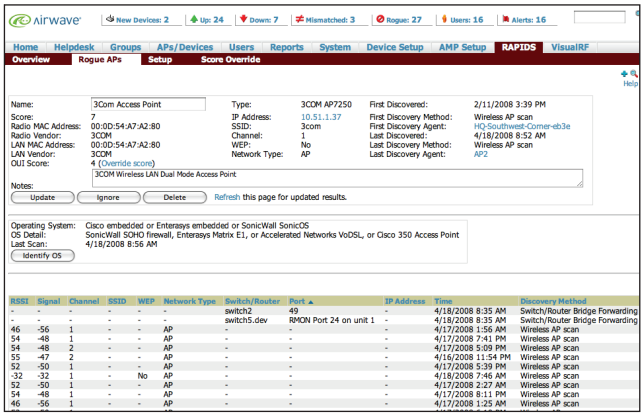
- Correlates rogue detection data from both wireless and wired network scans
- Assigns each device on the network a score reflecting the likelihood that the device is a rogue access point
- Provides filters so you can see lists of the highest priority devices that are most likely to be rogues

Alerts & Reports

- Assigns varying alert priority to each discovered AP (Critical vs. Major vs. Warning) depending on its rogue score
- Generates automated email alerts containing all known information about rogue devices, including:
  - Radio MAC address
  - LAN MAC address
  - Discovery method
  - SSID
  - Channel
  - Security settings
  - Switch port
  - IP address
- Rogue summary screens display real-time, up-to-date information on all suspected rogues

Visualization

- Integrates with AirWave's VisualRF module to display the likely location of each rogue device on an office map
- Triangulates location using signal level data collection from APs and the AirWave Management Client
- Location accuracy increases when the rogue device is discovered by more RF scanning agents



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ORDERING INFORMATION

AirWave Wireless Management Suite (AWMS) software is available in multiple versions depending on network size, as indicated in the Software Part Number column below. Failover servers are also available for use in mission-critical environments. For added convenience and reliability, appliance versions of the AirWave solution are available – these are indicated in the Hardware Part Number column. Customer-provided hardware platforms may also be used.

RAPIDS may be licensed independently of other AirWave software applications.

Number of Devices Supported	Software Part Number	Hardware Part Number
2,500	AWMS-Enterprise	AWMS-HW-ENT
1,000	AWMS-Professional	AWMS-HW-PRO
500	AWMS-500	AWMS-HW-PRO
200	AWMS-200	AWMS-HW-PRO
100	AWMS-100	AWMS-HW-PRO
50	AWMS-50	AWMS-HW-PRO
25	AWMS-25	AWMS-HW-PRO
Up to 30 AMP Servers	AWMS-MASTER	AWMS-HW-PRO
Up to 50 AMP Servers	AWMS-MASTER	AWMS-HW-ENT

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