



### Key Benefits

- Run your WLAN with confidence
- Maximize uptime and efficiency
- Avoid surprises
- Resolve problems faster
- Eliminate end user dissatisfaction
- Reduce help desk calls
- Lower operational costs

## Predictive Wireless LAN Performance Management Stay Ahead of Wireless Performance Problems

An increasing number of enterprises are now relying on wireless LANs to run business critical applications and to take advantage of the efficiencies of mobilizing their workforce. This trend will continue especially with the widespread adoption of 802.11n.

Thus having access to the right tools and methods to effectively and efficiently operate a wireless LAN (WLAN) are more important than ever before. The choice of your WLAN management tools can make the difference between a reliable and unreliable wireless network, satisfied and dissatisfied users, and will determine the cost effectiveness of your wireless investment.

Troubleshooting using a laptop-based wireless analyzer after receiving help desk calls can not only prove inefficient, but also ineffective as the problem may not persist by the time the administrator reaches the spot; though, the problem may resurface at a later time. For enterprises with multiple sites, an RF expert may not always be physically present at a remote site.

### SpectraGuard Enterprise WLAN Performance Management

AirTight Networks' Predictive Wireless LAN Performance Management solution, offered as a part of the SpectraGuard Enterprise wireless intrusion prevention system, enables network administrators to stay ahead of impending wireless performance issues. And rather than reacting to calls from dissatisfied wireless users, it allows them to proactively adapt their WLAN to maximize uptime, minimize help desk calls, and optimize the wireless ROI. Managing multiple sites is a breeze with remote troubleshooting.

AirTight's solution complements the tools typically offered by WLAN access point vendors and helps administrators catch problems that otherwise might go unnoticed by the self-monitoring WLAN infrastructure (e.g., a sudden drop in the received signal strength from an AP due to change in RF environment, problems encountered by wireless clients that prevent them from associating with an AP, sub-optimal settings or misconfiguration on APs and clients, sub-optimal 802.11n performance, interference from non-WiFi or external WiFi sources).

## About AirTight Networks

AirTight Networks is the global leader in wireless security and compliance solutions providing customers best-of-breed technology to automatically detect, classify, locate and block all current and emerging wireless threats. AirTight offers both the industry's leading wireless intrusion prevention system (WIPS) and the world's first wireless vulnerability management (WVM) security-as-a-service (SaaS). AirTight's award-winning solutions are used by customers globally in the financial, government, retail, manufacturing, transportation, education, healthcare, telecom, and technology industries. AirTight owns the seminal patents for wireless intrusion prevention technology with 12 U.S. patents and two international patents granted (UK and Australia), and more than 20 additional patents pending. AirTight Networks is a privately held company based in Mountain View, CA. For more information please visit [www.airtightnetworks.com](http://www.airtightnetworks.com)

Category	Event	Severity	Vulnerability	Event
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	High fragmentation
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	High communication errors
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	High AP utilization
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	High available traffic (control, management, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	Low average data rate
<input type="checkbox"/>	<input type="checkbox"/>	Low	<input type="checkbox"/>	Excessive associations

Configurable Alerts

Interactive Dashboard

Comprehensive Reports

Predictive WLAN Performance Management

The highlights of the SpectraGuard Enterprise WLAN Performance Management are:

### Interactive Dashboard

- Summary of performance issues by event types, locations, best and worst performing devices, and trends provides overview of your WLAN health
- Configurable time window over 4, 12, 24 or 48 hours, and clickable charts enable quick drill down of a particular event (e.g., location, severity, duration) or device (e.g., number of associated clients, average data rate, utilization, error rate)

### Configurable Alerts

- Performance alerts classified into four categories: **Bandwidth**, **Configuration**, **RF Coverage**, and **Interference** make it easy to identify the nature of the problem
- Customizable controls for severity, display, notification and real-time alerts of performance events facilitate proactive WLAN performance management

### Comprehensive Reports

- Three pre-defined reports: **Bandwidth Audit**, **Configuration Audit**, and **RF Audit** (available in HTML and PDF formats) provide detailed information about the health of your WLAN over hours, days or month
- Periodic delivery of the reports by email allows administrators to maintain records of their WLAN performance

## The Global Leader in Wireless Security Solutions

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