

MOBILE WIRELESS SCANNING & SECURITY

Detect. Analyze. Locate.

AirDefense Mobile™ is a complementary solution to the AirDefense Enterprise monitoring platform, giving enterprises an AirDefense-powered mobile product to perform a real-time snapshot of all WLAN infrastructure and activity (802.11 a/b/g). This must-have tool provides wireless device inventory, threat index analysis, location tracking, advanced rogue management and automated protection. Running on a Windows XP or 2000 platform, AirDefense Mobile installs on any laptop with an Atheros-based 802.11 a/b/g wireless card, such as Netgear (WAG511) or Cisco (CB21AG).

With over 175 alarms, AirDefense Mobile provides the most advanced security in the market today. A flexible notification engine ensures that critical alerts are communicated in a timely manner. Companies use AirDefense Mobile to locate rogue access points and stations, identify mis-configured devices and to take proactive steps to close any security holes as part of a WLAN policy compliance program. AirDefense Mobile also provides diagnostic tools and signal interference measurements for network troubleshooting thereby ensuring the health of the wireless LAN.

Functionality

AirDefense Mobile provides a real-time snapshot of all 802.11 a/b/g wireless infrastructure including:

- Real Time Device Discovery and Connection Analysis
- Advanced Rogue Management with Threat Indicators for rogue devices
- Real-time Threat Detection and Alarm Expert Help
- Advanced Location Tracking including Triangulation positioning
- Automated Protection with Termination Capabilities
- Live View for Traffic Analysis
- Wireless Network Usage Statistics and Health Analysis
- Capture file playback for off-site analysis and reporting
- Advanced Diagnostics tools for Troubleshooting
- Reporting Capabilities

AirDefense Enterprise Integration

AirDefense Mobile has a simple intuitive user interface and along with AirDefense Enterprise, provides a comprehensive view of the wireless network security and health. AirDefense Mobile is fully integrated into AirDefense Enterprise, enabling synchronization of authorized and rogue wireless devices for a specified location. All information pertaining to the rogue devices including their most current alarms can be imported for quick problem resolution. The threat index of rogue devices is built from alarms seen on the Enterprise server. Devices can be tracked more easily and accurately using advanced triangulation algorithms. Hence, AirDefense Mobile is an essential security and network management tool that gives IT professionals a holistic view into their wireless network and provides everything they need to quickly resolve any network issues or mitigate threats.



Mobile Hardware Kit

The hardware kit is an optional accessory that includes a high power 802.11a/b/g wireless card with external antenna capability. Also included are an omni-directional antenna and two directional patch antennas, one for 2.4GHz & one for 5GHz spectrum. The omni-directional antenna provides 3dBi gain at 2.4GHz and 5dBi gain at 5GHz and is designed to mount on laptop or notebook computers, extending range of the wireless card. The two directional antennas are high gain patch antennas with ~7dBi gain at 2.4GHz and ~7dBi gain at 5GHz, in a very compact and lightweight form.

