



FOR WIRELESS THAT WORKS

AIRWAVE MANAGEMENT PLATFORM

Wireless networks were supposed to be easy, reliable, and affordable. Now they are. The AirWave Management Platform (AMP) software gives you complete control over your wireless network from one integrated, easy-to-use console. The AMP software installs quickly and easily on a server in your network operations center, giving you a single web-based console to remotely manage even a global Wi-Fi network in thousands of geographic locations. AMP is a vendor-agnostic application that manages Wi-Fi hardware from most leading vendors, including Avaya, Cisco (Aironet & Airespace), Colubris Networks, Enterasys, HP ProCurve, Juniper Networks, LANCOM Systems, Nomadix, Proxim, Symbol, and others.

Security

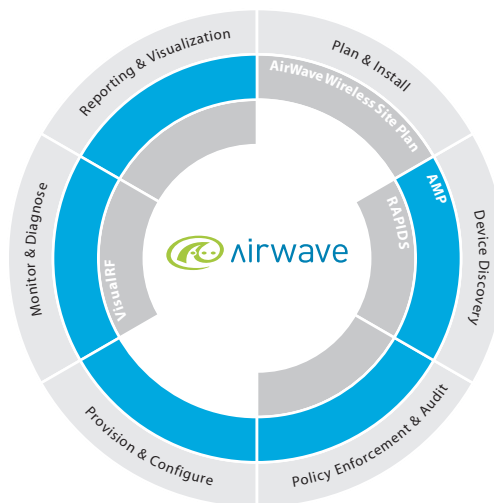
AMP provides a solid foundation to implement your Wi-Fi security and compliance strategy. With AMP you can ensure that your entire mobile infrastructure, including wireless access points and switches, are always configured in strict accordance with your policies.

Management

With AMP's easy-to-use interface, the entire network is visible and manageable. For instance, you can control the channel, transmission power, encryption methods and even the firmware version on thousands of access points simultaneously.

Visibility

AMP's real-time monitoring screens tell you exactly who is connected to your Wi-Fi network, where they are located, and how the network is performing. AMP's integrated reporting package shows you how your network is being used and helps you intelligently plan for growth.



FEATURES + FUNCTIONALITY

- Automated device discovery across any network infrastructure (WAN or LAN)
- Group-based policy definition for efficient management of large networks
- Centralized device configuration to eliminate manual processes and opportunity for human error
- Compliance audits to enforce your security policies at all times
- User-based monitoring for real-time information and rapid trouble-shooting
- Diagnostics and alarms for fast problem resolution
- Integrated reporting package for intelligent planning and performance measurement
- Automated RF management to continuously optimize Wi-Fi performance

Wi-Fi ROI

AMP drives down your wireless support costs by eliminating the root cause of many Wi-Fi problems and enabling faster trouble-shooting. Your Help Desk will quickly resolve most end-user issues, freeing your highly trained network engineers to handle more pressing matters.



Device Discovery

- Uses SNMP, HTTP, CDP, and other discovery protocols to locate all Wi-Fi devices
- Operates in any network environment

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
- Provides password-based login and administrative user permissions for multiple classes of users
- Maintains user log files for a year or more

Provisioning & Configuration

- Enables group-based policy definition for efficient centralized management of thousands of access points
- Automatically ensures that all devices are using an approved, up-to-date version of vendor firmware
- Supports multiple WLAN architectures (including ‘hybrid’ networks with both intelligent APs and WLAN switches)
- Integrates with AWSP to automatically configure Wi-Fi devices to match site plan
- Automated RF channel assignment and management
- Automatically assigns IP addresses to APs

Monitoring & Diagnostics

- Monitors every device and user on the wireless network in real-time
- Identifies and searches for users by username
- Graphical views show current users and throughput of every device



Associated Users

User	MAC Address	Radio	Association Time	Duration
bryan	00:0B:7D:06:D1:4F	802.11g	6/2/2005 7:48 AM	5 hrs 49 mins
greg	00:0B:7D:11:94:A0	802.11g	6/2/2005 7:28 AM	6 hrs 9 mins
dcomfort	00:0C:41:15:86:D8	802.11a	6/2/2005 8:45 AM	4 hrs 52 mins
darrell	00:0C:41:15:99:FF	802.11a	6/2/2005 10:22 AM	3 hrs 15 mins
andre	00:90:4B:74:80:7A	802.11g	6/2/2005 9:11 AM	4 hrs 25 mins

- User views show signal strength and roaming history of each user
- Intelligent diagnostics and automated alerts when problems are detected
- Integrates with network management systems (HP Openview Network Node Manager) for seamless management of wired and wireless networks
- Optimized to use minimal network overhead for SNMP monitoring
- Supports even high-latency networks with intermittent connections

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
- Integrates with VisualRF to provide real-time RF monitoring data

Platform Data

- Centralized in Network Operations Center (no local agents required)
- Installs on standard PC hardware
- Secure Linux operating system

- Web-based user interface via Apache web server
- SSH, Telnet, SNMPv1, SNMPv2, and SNMPv3 for device communication
- SQL-based databases, RRD data repositories
- Standard XML API for third-party applications
- Unlimited unique, role-based administrative log-ins
- Scalable architecture to 10,000+ wireless access points
- Integrates with leading wireless authentication solutions (including Cisco 3030, Cisco ACS, Bluesocket, HP 700 series, etc.)

Supported Hardware Vendors

- Avaya
- Cisco (Aironet & Airespace)
- Colubris Networks
- Enterasys
- HP ProCurve
- Juniper Networks
- LANCOM Systems
- Nomadix
- Proxim
- Symbol
- Others

AMP Enterprise

Multiple AMP servers, integrated via the AMP Master Console. Manages from 1,000 – 10,000+ wireless APs.

AMP Professional

Single-server AMP license, with no limit on APs. Manages up to 1,000 APs in typical environments.

AMP-200

Manages up to 200 APs

AMP-100

Manages up to 100 APs

AMP-50

Manages up to 50 APs

AMP-25

Manages up to 25 APs

AirWave Wireless Inc.
1700 South El Camino Real
Suite 500, San Mateo, CA 94402
Phone: (650) 286-6100
Fax: (650) 286-6101

www.airwave.com
General information: info@airwave.com
Sales: sales@airwave.com
Technical support: support@airwave.com

AMP-001



for wireless that works