

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, now and into the future. From one integrated easy-to-use console, you can see all the users, all the wireless devices, and all the intruders on your WLAN. With AMP, you can remotely manage device configurations, policies, RF settings and firmware, even if your WLAN has a global reach and covers thousands of locations.

AMP supports the wireless hardware of nearly all the major vendors – including Cisco (Aironet, Airespace, and earlier models), HP ProCurve, Aruba, Proxim, Symbol, Enterasys, Juniper, LANCOM, Nomadix, Avaya, Enterasys, Colubris, Alcatel, and others. AMP supports both “intelligent” and “thin” APs, mesh devices, and outdoor architectures. It installs quickly and easily on a server in your network operations center, and gives you a comprehensive web-based overview of your entire WLAN, with the ability to quickly click through to the most comprehensive, granular user and device detail available.

Security is Improved

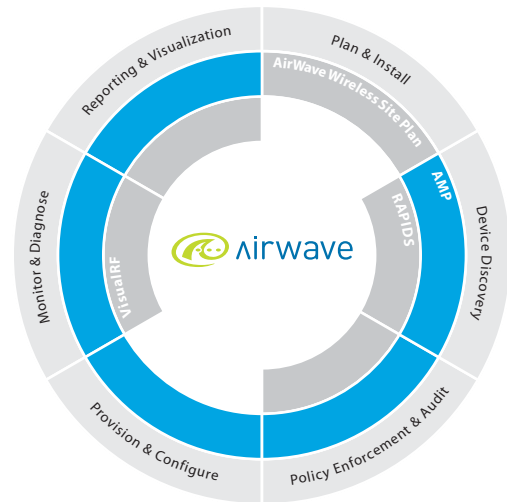
AMP lets you implement and enforce your Wi-Fi security policies across the entire WLAN. AMP ensures that your entire mobile infrastructure, including wireless access points and switches, is always configured in strict accordance with your security policies.

Management is Simple and Flexible

With AMP's easy-to-use interface, your 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 Increases Your Efficiency

AMP's live monitoring lets you see exactly who is connected to your Wi-Fi network, where they are, and how the network is performing. AMP's integrated reporting package tells 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
- Role-based allocation of management and support duties

Wi-Fi ROI is Increased

AMP drives down wireless support costs by eliminating the root cause of many Wi-Fi problems and enabling faster trouble-shooting. Your Help Desk can now quickly resolve most end-user issues, freeing your highly trained network engineers to handle more pressing matters. And with AMP, you can extend the useful life of your hardware and manage technology change smoothly.

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 central management of any number of access points
- Routinely audits each Wi-Fi device's configuration and compares it to policy
- Sends you alerts for misconfigured devices, and automatically performs repairs
- Provides password-based login and administrative user permissions for multiple classes of users
- Keeps user log files for two years

Provisioning & Configuration

- Enables group-based policy definition for efficient central management of thousands of access points
- Automatically ensures that all devices are using approved, up-to-date versions of vendor firmware
- Supports multiple WLAN architectures (including 'hybrid' networks with both intelligent APs, WLAN switches and even mesh devices)
- Integrates with AWSP to configure Wi-Fi devices to match site plan
- Automates RF channel assignment and management
- Automatically assigns IP addresses to newly-installed access points

Monitoring & Diagnostics

- Monitors every device and user on the wireless network live
- Identifies and searches for users by username
- Graphical views show current users and throughput of every device
- User views show signal strength and roaming history of each user



- Performs intelligent diagnostics and sends 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 networks with high-latency or intermittent connections

Reporting & Visualization

- Integrated reporting package includes use, inventory, client session, device uptime reports and more
- Exports all reports (via XHTML)
- Automated email distribution lists
- Fully customizable reports by group, time, etc.
- Integrates with VisualRF to provide real-time RF monitoring data
- Maintains data for up to two years

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

- Aruba
- Alcatel
- 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 contractual limit on APs. Able to manage 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

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