

Snap-on Tools Uses AMP™ to Manage Cisco WLAN Infrastructure in More than 25 sites




Location	<ul style="list-style-type: none"> ▪ Corporate HQ (Kenosha, WI) ▪ 4 Distribution Centers ▪ 20+ Regional Offices
WLAN Size	<ul style="list-style-type: none"> ▪ ~200 wireless access points ▪ Several hundred regular users
Hardware	<ul style="list-style-type: none"> ▪ Cisco Aironet APs ▪ Proxim ORiNOCO APs (legacy)
AirWave Product	<ul style="list-style-type: none"> ▪ AirWave Management Platform Professional Edition ▪ RAPIDS Rogue AP Detection Module

WLAN Management Needs

Snap-On Tools is a world-renowned S&P 500 Corporation, generating \$2 billion in annual sales of tool and equipment solutions to professionals. Starting in 2001, the company began installing 10-25 wireless access points in each of its four major distribution facilities to enable 100 or more employees with wireless barcode scanners to efficiently pick and fulfill orders. In addition, Snap-on has installed an AP in each of its 20+ North American regional sales offices to permit laptop and desktop users to connect to corporate LAN via WiFi.

AirWave Solution

As the wireless LAN spread across multiple facilities, Chris Van Daalwyk, the Snap-on Tools Telecommunications Analyst responsible for managing the Cisco WLAN infrastructure quickly recognized that they needed a centralized network management solution to control the wireless network.

- **Centralized Management Across Multiple Sites**
 “We have wireless LANs installed in more than 25 sites nationwide, including many regional offices that do not have full-time, onsite IT support. AMP gives us a fully web-based user interface that allows me to efficiently and remotely manage wireless access points. I make configuration changes via AMP’s user interface and push those changes to groups of APs simultaneously rather than having to manage on a device-by-device basis.”
- **Efficient Monitoring & Troubleshooting**
 “AMP is a monitoring solution that gives us real-time visibility to network performance and bandwidth utilization. Before, we were flying blind and did not have enough information about how and where the WLAN was being used. With AMP, we know which users are connected to each AP and can monitor each session, so it’s very easy to identify and troubleshoot potential problems remotely.”
- **Effective Management of Cisco WLAN Infrastructure**
 “Snap-on has older, legacy Proxim ORiNOCO hardware in several locations, but most of our WLAN infrastructure is from Cisco. AMP gives us full management control over our Cisco APs and integrates with the Cisco WLSE appliance to take advantage of the Aironet AP’s ability to wirelessly detect rogue APs and report other information about the wireless environment.”
- **Performance and Usage Reports**
 “AMP provides a number of very useful WLAN usage and performance reports that help us identify potential bottlenecks where capacity needs to be expanded to accommodate our users.”

Results

“The AirWave Management Platform has really simplified the management of our distributed wireless network. It’s a lot more efficient for me to manage our network, because I can make all the necessary changes via AMP’s simple, easy-to-use web UI. I get all the information I need to remotely diagnose and correct problems so that our employees get the secure, reliable wireless access they need to manufacture and sell our tools and solutions.”