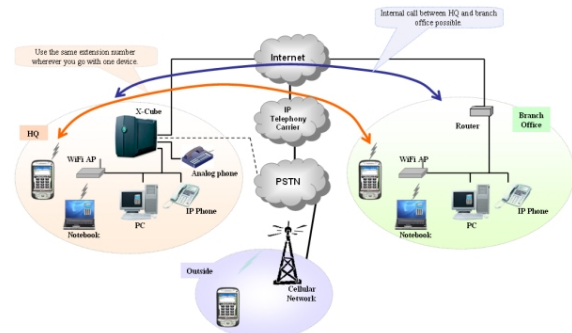


Arada Wi-Fi Manager (AWM)

Powered by
Arada Wireless Solution Software



Product Highlights

AWM lets you manage all wireless devices on a network from a central location. Enterprises can manage their wireless networks spanning several geographies, segments, classes of devices and thousands of users.

AWM provides configuration, performance monitoring, security, fault management, and accounting options and shows a graphical view of network data. It has a full-featured web interface that lets an administrator easily monitor, add, and configure wireless devices and users and perform other system tasks on an enterprise scale wireless network.

Key Features

- Monitor all wireless devices on a network
- Troubleshoot wireless network problems
- Configure and manage all devices from one location
- View comprehensive summary network data
- Understand utilization of network
- Multi-vendor device support
- Remote management and diagnostic solution to improve efficiency and reduce costs

System Specifications	
Hardware Requirements	Intel x86-based server platform
Supported Devices	All devices that support standard 802.11 MIBs
Supported Network Configurations	<ul style="list-style-type: none"> • All supported devices in subnet behind non-restrictive routers • All devices, using SNMP, connected by VPN tunnel, • All devices, using SNMP, behind NAT gateway/firewall

Software Specifications	
Operating System	Linux (kernel 2.6.4x)
Supported Protocols	SNMP v2c
Security Model	Uses SNMP v2c community model for authentication
Access Control	Default master administrative user
Monitoring and Statistics	
Network Monitoring	<ul style="list-style-type: none"> • Average wireless network throughput over time • Wireless network users over time • Wireless rogue networks detected over time • Up/down devices • Distribution of SSID security • Distribution of STA security • Rogue/known SSID/STA distribution by channel • Number of alarms by severity level • Number of devices managed/unmanaged • AWM CPU utilization • Number of new devices
Group Monitoring	Group-wise device info/statistics
Device monitoring	Detailed device-wise info/statistics
User Monitoring	User-wise info/statistics
Rogue AP monitoring	Detailed rogue AP info/statistics
Data Analysis	<ul style="list-style-type: none"> • Inventory • Percentage Availability of Device • Device Configuration Compliance • Device SSID Security Rating • Rogue AP Severity Rating • User Roaming History
Alarms, Events & Logs	
Device Alarms	<ul style="list-style-type: none"> • Device Down • Device Cannot Send Beacon • Rogue/Unknown AP has Severity Rating Higher Than Average
Device Events	<ul style="list-style-type: none"> • New Rogue/Unknown AP Detected • Beacon Stuck • User Rejected

Device Configuration	
Template Management	<ul style="list-style-type: none"> • System Configuration • Time settings • IP settings • DHCP server • Radio settings • SSID Settings • RADIUS Settings • Accounting settings
Configuration Update Job	Schedule configuration updates for all devices in a group

Firmware Management	
Firmware Store	Store Multiple Firmware Images
Firmware Upgrade Job	Schedule Firmware Upgrade For All Devices in a Group
Logs	
Device Logs	Syslog Messages Received from Device
AWM Logs	<ul style="list-style-type: none"> • Console Login • Configuration Template Create, Modify, Delete • Configuration Update Job • Firmware Upload to Store • Firmware Update Job • Group Create/delete • Movement of Devices between Groups