DATA SHEET
Aruba Mobility Management System

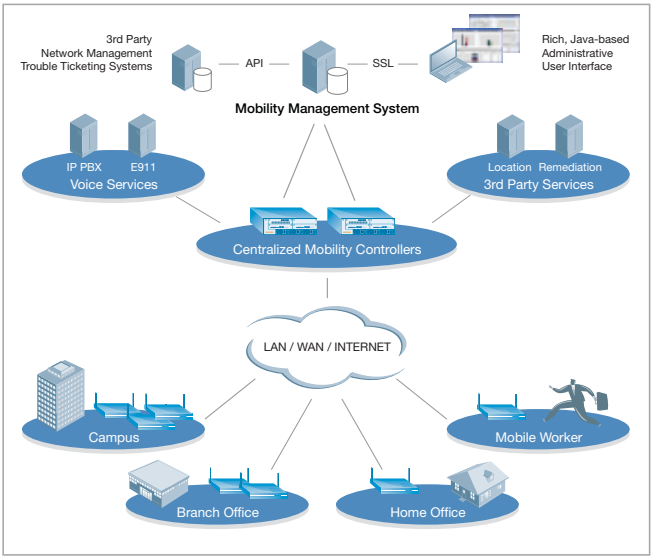
ARUBA MOBILITY MANAGEMENT SYSTEM

The Aruba Mobility Management System provides a comprehensive suite of applications for planning, configuration, fault and performance management, reporting, RF visualization and Wi-Fi device location identification for Aruba's user-centric networks. It seamlessly integrates with Aruba's access points and Mobility Controllers and supports the new paradigm of adaptive wireless LANs, identity-based security, and application continuity, in contrast with previous generations of port-based network management. The user-centric management model allows IT administrators to rapidly visualize all network objects related to the user in real time. This approach drastically cuts down the mean time to resolution (MTTR) and ensures a high-quality WLAN user experience.

The Mobility Management System reduces total cost of ownership by automatically discovering and managing hundreds of controllers and thousands of access points (APs) and users from a single network operations center. Centralized configuration management, coupled with the ability to track client devices, identify rouge devices, and plan new deployments and visualize RF coverage patterns with an intuitive, seamless UI, is a key differentiator. The Mobility Management System comes with a built-in location API that enables external systems to query the location of any WLAN device. The Mobility Management System software can be deployed on any PC platform (Linux or Windows 2003/XP) or optionally purchased as an enterprise class, hardened appliance.

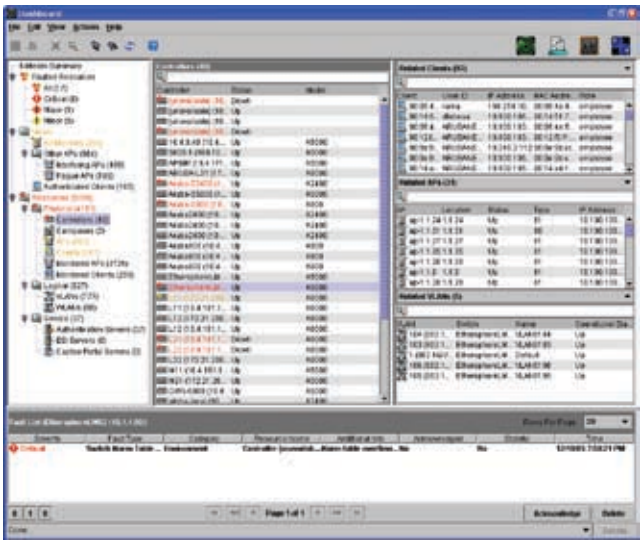
Aruba's Mobility Management System consists of six integrated Java-based client-server applications, namely: Dashboard, Monitor, Reports, Configuration, RF Live, and RF Locate. Additionally, the Java client applications are auto-updated using the Java Web Start capability which eliminates the need to manage client desktops and laptops independently.

DASHBOARD



The Dashboard application gives network administrators a summary view of the network infrastructure. Minor, Major and critical alarms for fault management are displayed for every physical or logical resource on the network. The network administrator can navigate to any resource by browsing through a tree view and instantaneously assess the health of the WLAN infrastructure. With a single mouse click and using a robust flexible search and filter engine, a network administrator can rapidly zero in on a specific client or AP and determine its attributes.

From the Dashboard, the administrator can launch monitoring, reporting or RF views for any resource and jump directly into context sensitive detailed views. This streamlines the problem isolation and resolution effort. Information such as user counts, controller modes, AP types/mode (Rogue, Valid, Interfering) can be viewed within the Mobility Management System or can be exported for use in custom applications.

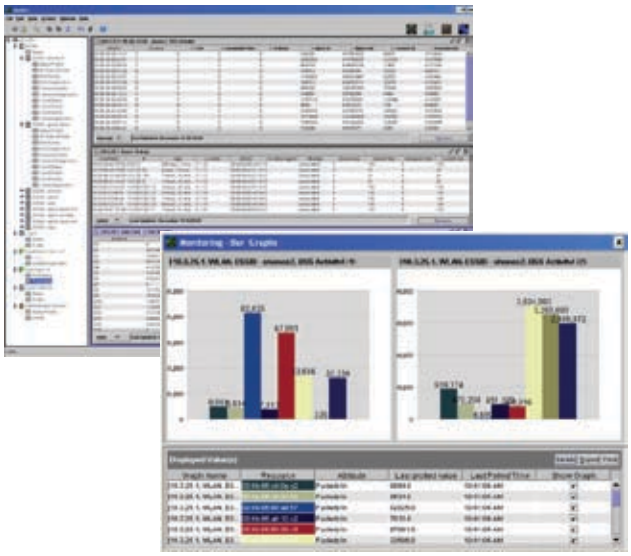


Aruba MMS Dashboard

MONITOR

The Monitor application provides real-time polling and visualization of Aruba Mobility Controller and AP data via secure SNMPv3. The live graphing capability of the Monitor application allows the network administrator to select any object and create a live graph for object attributes. Data can be exported for custom processing or use in third-party applications.

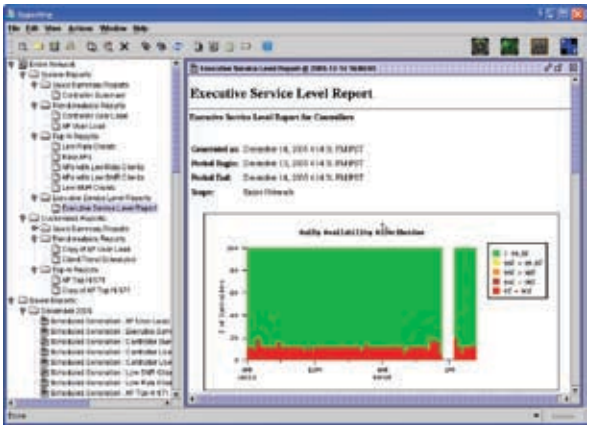
ARUBA MOBILITY MANAGEMENT SYSTEM



Aruba MMS Monitor

REPORTS

The Reports application allows network administrators to configure, schedule and run reports for custom time intervals. Historical trend reports dating back several weeks and months can be generated by leveraging WLAN usage and performance data, continually collected and stored within the Mobility Management System. These reports can be reviewed by IT managers interested in WLAN, network health, performance, usage and capacity planning. The flexible reporting framework supports pre-defined TopN, Trend and Summary reports, in addition to user configurable custom reports. The reports can be scheduled to run at periodic intervals and automatically e-mailed. The report output is in industry standard HTML and PDF formats.



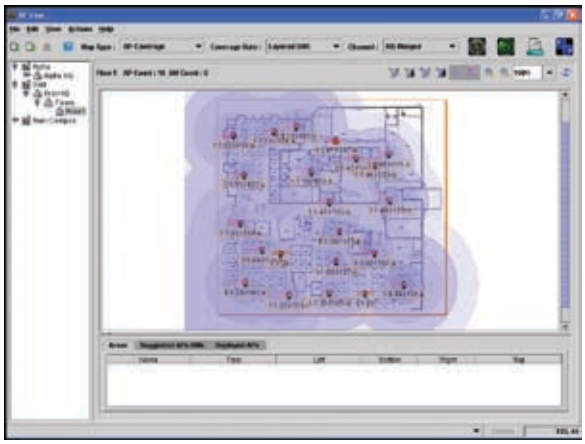
Aruba MMS Reports

CONFIGURATION

The Configuration application supports options to define user- and role-based access control policies. The Aruba WLAN infrastructure can be grouped into hierarchical "equipment contexts," "managed domains," and "controller" and "access point" groups. Configuration parameters are conveniently categorized into profiles. Profiles can be configured independently for WLAN authentication, access control, SSID, RF management, intrusion prevention, firewall policies, IP mobility, captive portal and other parameters. Controller and AP groups can be configured to reference profile objects. Profiles applicable at a global level can be separated from custom profiles applicable to equipment deployed at specific geographic locations.

RF LIVE

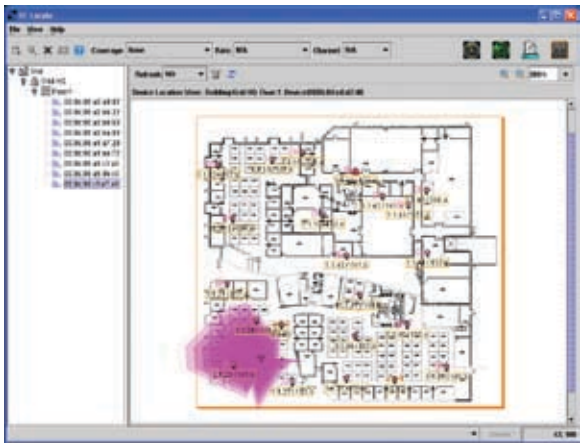
The RF Live application is used both for pre-deployment planning and live visualization of the RF environment and is useful for analyzing interference patterns and coverage holes. RF parameters such as signal strength and interference are displayed in the context of floor plans with superimposed coverage contours and colored heat maps. Since RF Live uses dynamic information delivered by Aruba's patent-pending Adaptive Radio Management™ (ARM) algorithms, it provides a real-time understanding of the evolving RF environment and eliminates the need for manual, post-deployment RF fingerprinting. RF Live also provides integrated tools for pre-deployment RF planning. AutoCAD drawing (.dwg files) import allows network administrators to easily load existing floor plans into the system to facilitate the planning process. Imported floor plans can be used to determine ideal access point placement based on coverage and capacity requirements. The planning process is straightforward since RF tuning is a dynamic, real-time process managed by the controller. ARM capability eliminates the need for traditional heavy duty planning tools that require a detailed understanding of building materials or an expensive manual site survey.



Aruba MMS RF Live

RF LOCATE

The RF Locate application can track and locate any Wi-Fi device within range of the Aruba mobility infrastructure. Using accurate deployment layouts and triangulation algorithms, the RF Locate application enables the network administrator to rapidly locate selected client devices. Devices that can be easily located include PDAs, rogue APs/Clients, VoWLAN phones, laptops, and Wi-Fi asset management tags. Aruba offers an open XML/SOAP web services API to allow third-party applications to access location data enabling sophisticated next-generation location-based applications.



Aruba MMS RF Locate

ARUBA MOBILITY MANAGEMENT SYSTEM

FEATURE	BENEFIT
User-centric Data Model	Rapid problem isolation and resolution
Auto-discovery	Auto-discovery based on an IP address seed
User configurable reports	Flexibility to create and visualize WLAN usage, availability and performance data by controllers and APs
Versatile scheduling engine	Run reports, locate stations, email reports at scheduled intervals
Powerful visualization	Integrated fault and performance management, RF coverage and interference visualization
Location API	Enables 3rd party applications to support innovative lovation-based services
Saved searches	Allows network administrators to save and re-use frequently used search patterns. Accelerates mean time to resolution
Java™ Webstart UI	On demand UI download provides "client anywhere" flexibility with performance advantages of a thick client

ORDERING INFORMATION

The Aruba Mobility Management System is available both as an integrated appliance and as a software application. The MM-100 Mobility Management System Appliance is a high-performance system with pre-loaded software and support for 250 APs. The software version ships with support for 50 APs. Both versions can be upgraded in increments of 100 APs. Unlimited AP Expansion licenses are also available for both platforms.

PART NUMBERS	PRODUCT DESCRIPTIONS
MM-100	Aruba MM-100 Mobility Management System Appliance (Up to 250 APs) **Contains:** MM-100 Appliance (Dual-processor, RAID subsystem, dual-power supply, 2GB RAM, 1U), 1 rackmount kit, 1 Ethernet cable, software restore disk, quick start installation guide, user guide, front bezel, 2 power cords. Includes license activation certificate for 250 APs.
MM-SW	Aruba Mobility Management System Software (Up to 50 APs) **Contains:** Software distribution disk, quick start installation guide, user guide. Management of up to 50 concurrent APs. Includes license activation certificate for 50 APs. Requires Pentium 4 3.0GHZ 800FSB, 2GB DDRII RAM, 200GB SATA/SCSI HD, RedHat ES 4.0 Hardware Compatibility Compliance. Dedicated system required.
MM-SW-WIN	Aruba Mobility Management System Software for Windows (Up to 50 APs) **Contains:** Software distribution disk, quick start installation guide, user guide. Management of up to 50 concurrent AP. Includes license activation certificate for 50 APs. Requires Pentium 4 3.0GHZ 800FSB, 2GB DDRII RAM, 200GB SATA/SCSI HD. Dedicated system required.
LIC-MM-100	Mobility Management System Expansion License - Add 100 AP Each LIC-MM-100 upgrade adds management support for 100 additional APs. Upgrades are cumulative and multiple licenses can be applied to the same system. Managed APs can be local or remote.
LIC-MM-UL-1	Unlimited AP Expansion License for MM-SW Mobility Management System Software The LIC-MM-UL-1 upgrade provides unlimited AP support on a single MMS-SW Mobility Management System. Managed APs can be local or remote.
LIC-MM-UL-2	Unlimited AP Expansion License for MM-100 Mobility Management System Appliance The LIC-MM-UL-2 upgrade provides unlimited AP support on a single Aruba MM-100 Mobility Management System Appliance. Managed APs can be local or remote.

Altaware inc.
www.altaware.com sales@altaware.com (866) 833-4070
Your Aruba Networks Reseller

ARUBA networks
WWW.ARUBANETWORKS.COM
1322 Crossman Avenue. Sunnyvale, CA 94089 | Tel. +1 408.227.4500 | Fax. +1 408.227.4550