



# ***Motorola RF Management Suite***



## The Wireless LAN (WLAN) management challenge

A successful wireless LAN deployment is measured by how well the network meets the performance and capacity requirements of your users. And meeting those requirements is dependent upon the ability to properly plan, deploy, monitor, troubleshoot and secure your wireless network as well as track the many associated assets.

Until today, standalone, disjointed applications were required to design and manage your network. Each application required a dedicated server, increasing capital and operational costs associated with purchasing and managing the servers. In addition, the different applications often support varying numbers and types of devices, adding a level of complexity to scaling a growing network. And an overlap in capabilities further complicated management of the WLAN as administrators needed to determine which functions should be executed in which solutions.

***“An investment in network design can affect a 50% savings in WLAN setup costs.”***

***Gartner  
Wireless LAN Technology Scenario***

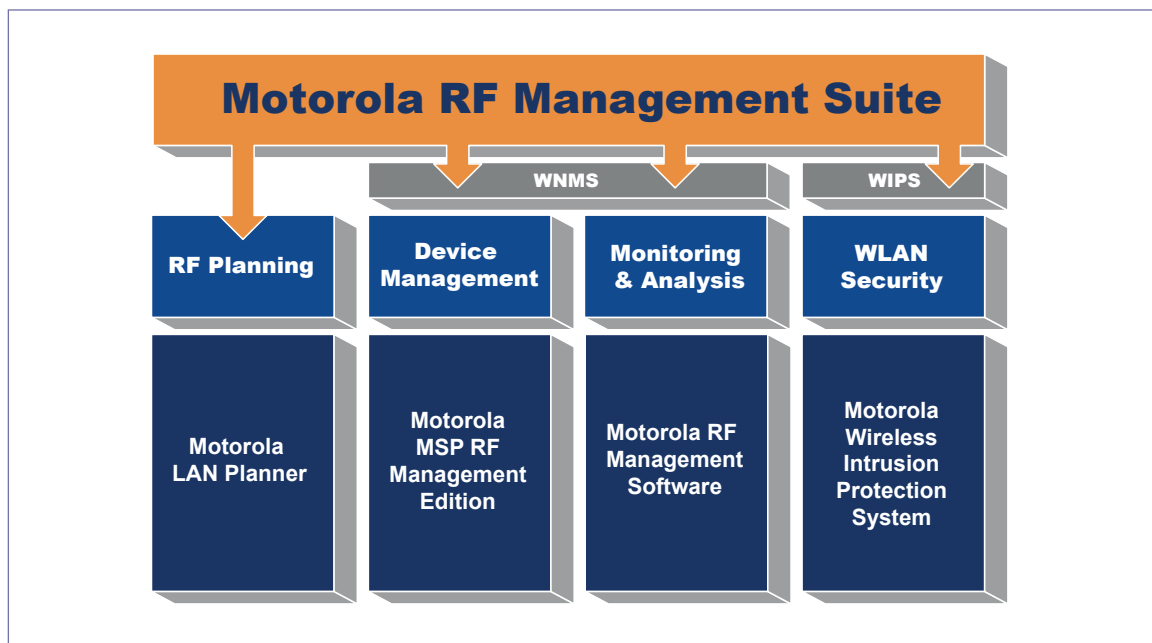
## The solution: end-to-end WLAN control

To address these issues, Motorola developed the RF Management Suite, a powerful set of integrated applications that enables administrators to easily execute end-to-end design and management of wireless LANs — pre- and post-deployment — including:

- **RF Planning:** The development of a robust network design plan that delivers the performance you need today, with the scalability and extensibility to meet future requirements
- **Device management:** Complete control and tracking of the mobility solution — including mobile devices, the applications running on the mobile devices and the wireless LAN infrastructure
- **Monitoring and Analysis:** The ability to identify, troubleshoot and resolve network issues
- **WLAN Security:** The ability to secure the network against unauthorized access and malicious attacks

With Motorola's RF Management Suite, wireless network administrators enjoy the simplicity of a single console to address all aspects of WLAN management. The reduction in servers reduces the associated capital and operational expenses. Training requirements are reduced. And full integration of these applications enables the delivery of a common set of scalability metrics enabling your WLAN management solution to easily scale as your enterprise grows, protecting this valuable investment.

Motorola RF Management Suite — a new level of WLAN management simplicity for a new level of success in your WLAN deployments.



The Motorola RF Management Suite is a modular set of integrated solutions that provides the tools needed to best plan, manage, monitor and secure your wireless devices, wireless applications and Wi-Fi network infrastructure. This integrated network management system provides IT with the simplicity of a single command console that enables sharing of data between modules, providing a holistic view of your entire mobility system — and eliminating the need for and errors associated with the re-entry of data. The modular design allows you to add functionality as needed. And the ability to scale to meet changing business needs provides excellent protection for this valuable business investment.



## RF Planning

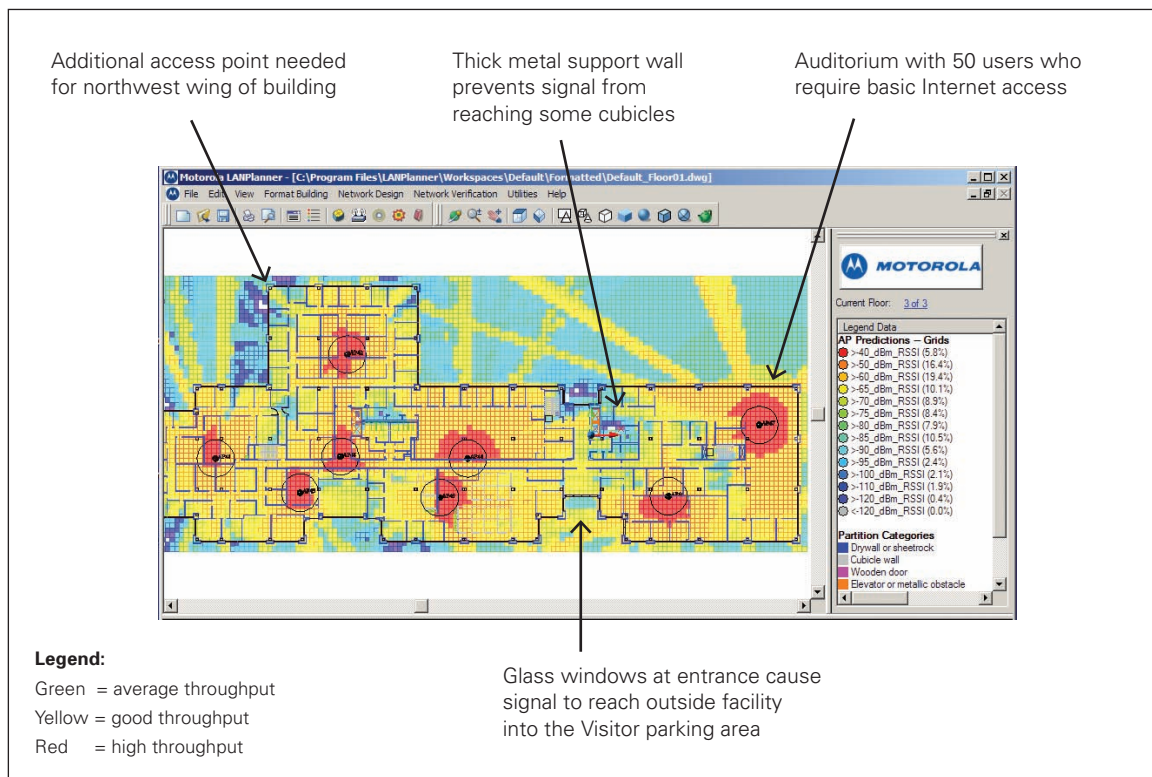
The best laid plans produce the best WLAN performance

### LANPlanner

Wireless LAN network success begins with the network design. LANPlanner enables the easy and remote creation of a well-designed network that can deliver maximum performance from the moment the system is powered on — the high cost associated with an iterative trial-and-error approach and multiple site surveys is eliminated. This comprehensive tool enables site-specific 2D and 3D modeling that factors in all the major aspects that can impact network design, from the walls, doors, windows, stairwells and more in your environment to the number of users and the bandwidth requirements of your applications. The end result is an intelligent network plan that identifies the required equipment and ideal placement to achieve required performance levels — from the moment the network is deployed.

To complete the planning and deployment phase, LANPlanner also allows you to validate network performance to ensure your new deployment is meeting predicted performance levels — or check the performance of an existing WLAN. An intuitive map-based interface allows you to quickly and easily perform a site survey, record live network data, and view an at-a-glance graphic visualization of data to ensure that your wireless applications and infrastructure are effectively deployed — and fully functional.

### WLAN network planning tools



With LANPlanner, you can easily factor in the construction of your building to ensure that your wireless LAN design is optimized to deliver required performance levels in your specific environment.

# Device Management

## Complete control over your entire mobility solution

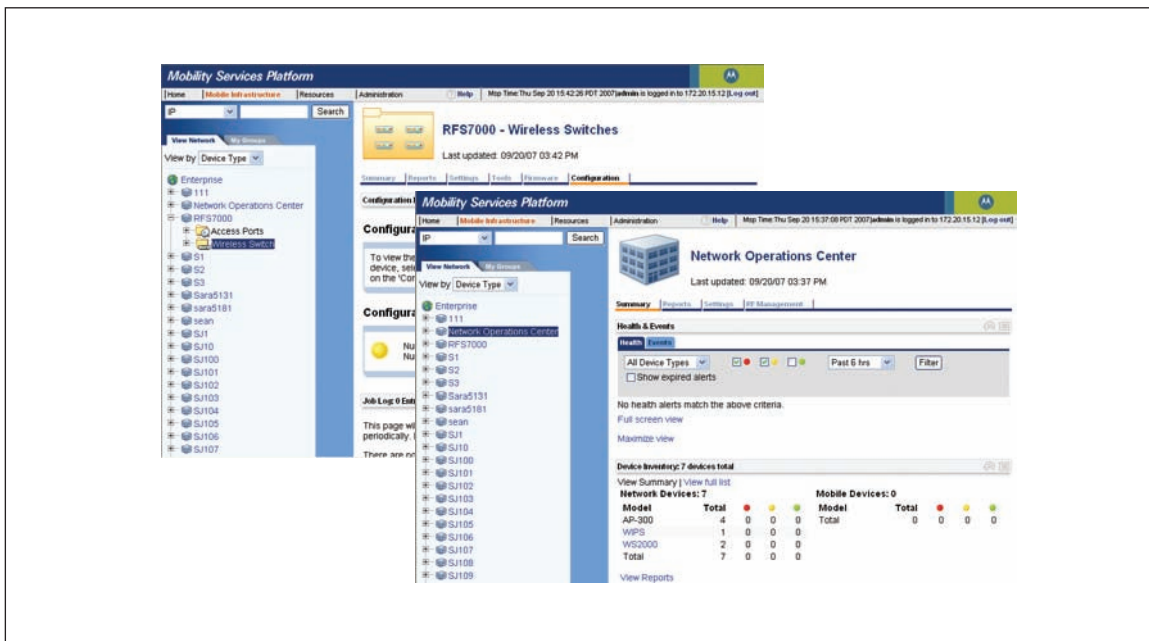
### MSP RF Management Edition

The integration of two of our best-in-class products — Motorola’s Mobility Services Platform (MSP) and RF Management Software (RFMS) — provides your IT personnel with a powerful single point of control for your entire mobility solution. MSP RF Management Edition provides an intuitive web-based interface for flexible anywhere and anytime end-to-end visibility and remote control of you mobile devices, mobile applications and wireless LAN infrastructure. And combining the functionality of these two leading solutions brings a new level of simplification and cost-efficiency to the management of mobility solutions.

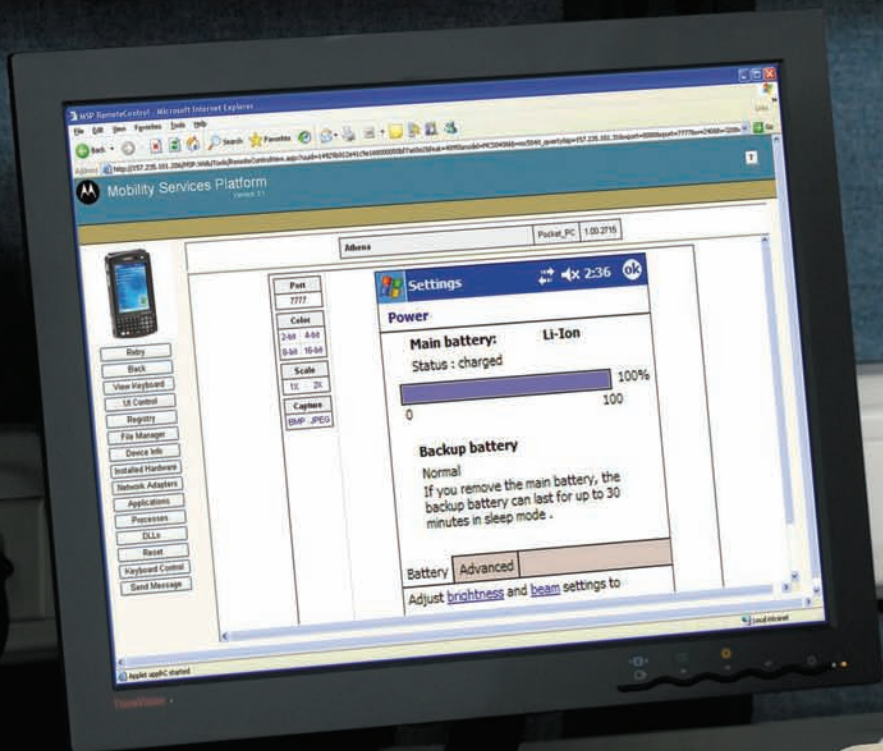
MSP RF Management Edition provides the ability to deploy, monitor, track and troubleshoot all your mobility assets. Whether your wireless LAN extends to multiple locations around the world or a single building, you can easily monitor, identify and quickly resolve network-related issues. Automatic provisioning of new devices enables employees to begin using devices — right out of the box. Mobile computers can be quickly and easily provisioned with software updates and new application — quickly, easily and automatically. And when an end-user is having device difficulties, remote control allows IT personnel to quickly identify and resolve the issue from afar.

When it comes to mobility, get the tools you need to keep your wireless LAN, mobile devices and employees up and running at peak capacity — with MSP RF Management Edition.

### WLAN network and mobile device management



MSP RF Management Software provides the combined functionality you need to control your entire mobility solution — from mobile devices and installed software to wireless switches, access ports and access points.



## Monitoring and Analysis

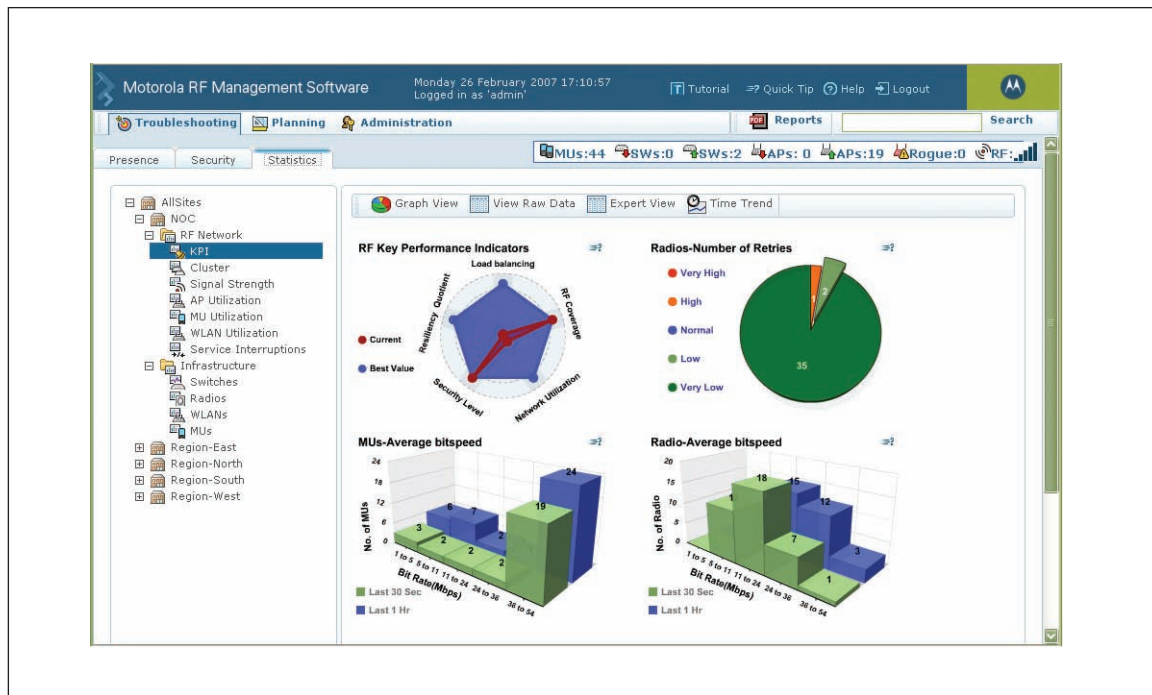
Do you know where your assets are...and how your network is performing?

### RF Management Software (RFMS)

RF Management Software provides the tools you need to easily monitor and analyze your wireless LAN. A subset of MSP RF Management Edition, this visual management tool allows you to view over 200 statistics for a rapid yet accurate assessment of the health of your WLAN, enabling the immediate discovery, troubleshooting and correction of issues as they occur. Administrators can check the utilization of access ports, access points, mobile units as well as key performance indicators, switch diagnostics and the statistics on a specific device — all with the simple click of a mouse. And since Motorola's RF Management Suite is truly integrated, data from LANPlanner can be easily imported into RFMS.

RFMS also keeps track of all the pieces of equipment in your wireless LAN solution, providing easy asset management of wireless switches, access ports and points as well as mobile devices. And the ability to integrate real-time locationing enables pin-point location of virtually any asset in your enterprise — such as rogue mobile devices and access points that could threaten the security of your network; work-in-progress inventory to minimize production downtime in a factory; medical equipment to ensure instant availability in the event of a medical crisis and risk reduction; as well as the ability to track staff to improve employee safety.

### Wireless LAN management tools



RFMS enables around-the-clock monitoring of your wireless LAN, providing the tools you need to identify and resolve network issues before network performance can impact staff productivity levels.

# WLAN Security

Safeguard your network and company data against unauthorized access

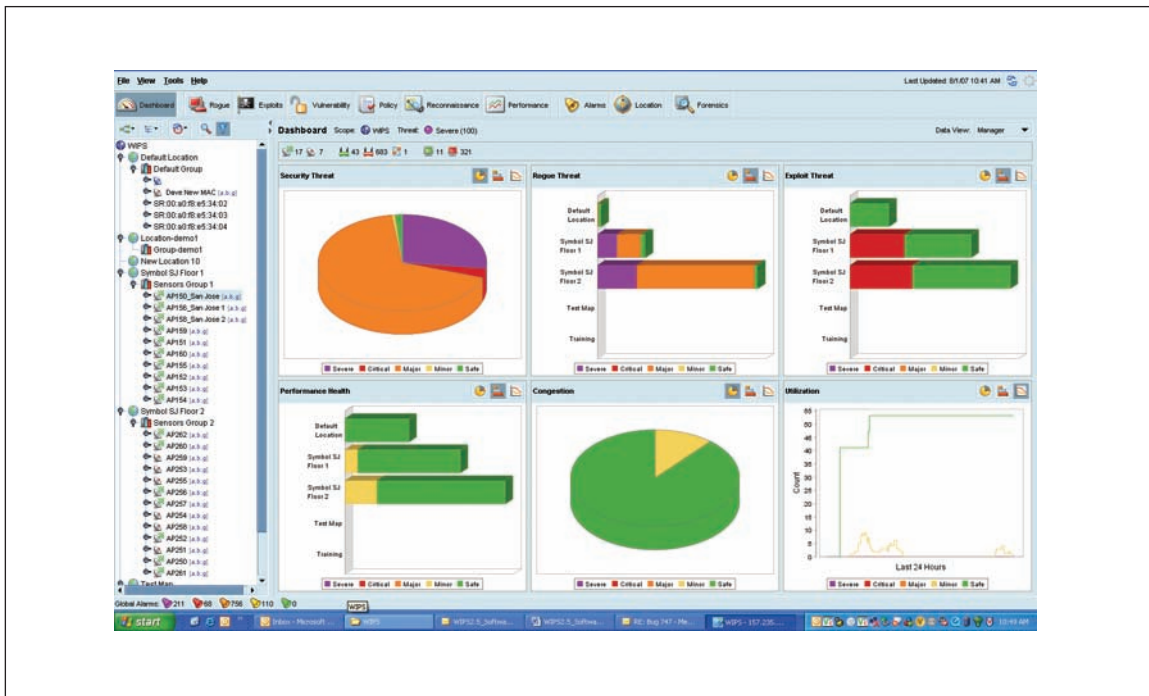
## Wireless Intrusion Protection System (IPS)

Now that your network is up and running, in addition to day-to-day monitoring of performance levels, you need to protect your wireless network against unauthorized access. Wireless IPS provides around-the-clock monitoring of your wireless LAN, effectively safeguarding your own proprietary and customer information, as well as enabling compliance with government regulations that require specific levels of protection for personal and financial information — such as health and credit care data. With Wireless IPS, you can instantly identify hackers, attacks and system weak spots — as well as instantly terminate the connection to any rogue device.

Designed for ease of use, true plug-and-play operation enables network monitoring within minutes of installation. With Wireless IPS, you enjoy the peace of mind that comes with 24x7x365 protection against a security breach — and the associated cost of lost customer confidence, lower customer retention rates and network downtime.

For more information on how Motorola’s RF Management Suite can help maximize the performance and security of your wireless LAN, please visit us on the web at [www.symbol.com/wireless](http://www.symbol.com/wireless), or access our global contact directory at [www.symbol.com/contact](http://www.symbol.com/contact)

## Around-the-clock WLAN network protection



Wireless IPS continuously safeguards your network by automatically scanning for any unauthorized users or attacks and immediately terminating any rogue devices. Customer data, customer confidence and customer retention rates are protected — while the risk of fines and other legal consequences, as well as network downtime, are dramatically reduced.





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