MERU **E(z)RF NETWORK MANAGER**

The E(z)RF Network Manager, a part of the E(z)RF Application Suite, is designed to simplify management of wireless networks through a Web 2.0-based graphical user interface.

VIRTUALIZED WIRELESS LAN MANAGEMENT

Intelligent Wireless Network Management System for managing Meru's Virtualized Wireless LAN

PRODUCT OVERVIEW

The Meru Networks® E(z)RF™ Network Manager 2.0 is an intelligent and comprehensive network management system for all Meru 802.11 network solutions. As part of the E(z)RF Application Suite, E(z)RF Network Manager's Web 2.0-based graphical interface provides network administrators with interfaces that simplify operations, such as wireless performance dashboards, RF visualization, centralized monitoring, proactive troubleshooting, fault management and reporting.

Meru E(z)RF Network Manager runs on an extensible Meru Services Appliance platform. It's embedded relational database empowers administrators with the ability to manage large-scale WLANs with hundreds of controllers and thousands of APs. With advanced correlation and diagnostic inference techniques, E(z)RF Network Manager can detect and analyze anomalies before they impact the end-user as well as allow for rapid trouble-shooting of network events.

E(z)RF OnTheGo, an add-on application for the Services Appliance, is available to leverage the power of E(z)RF Network Manager from a mobile device for anywhere, anytime WLAN management.

The E(z)RF Network Manager provides many dashboards to monitor your Meru wireless network.

COMPREHENSIVE PERFORMANCE DASHBOARDS

Global Dashboard information provides a summary of all WLAN statistics, including over-the-air metrics, from a single view. Statistics include network-wide and controller specific performance distribution and historical trends. E(z)RF Network Manager is completely integrated with all Meru Controllers on the network, including their interfaces, so navigation to a specific device is simple.

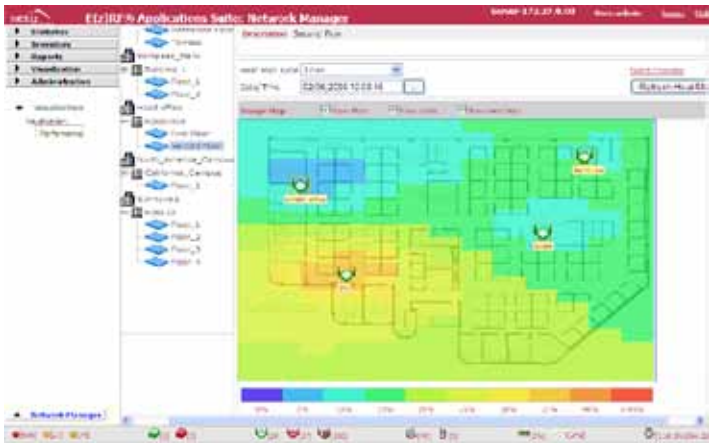
HELPDESK-STATION TROUBLE-SHOOTING

Station Dashboard simplifies the helpdesk task of triaging and resolving wireless station issues resulting in rapid issue resolution. For a given wireless station, key events and trends in the station history are presented for a specified time duration.

E(z)RF NETWORK MANAGER

REAL-TIME RF VISUALIZATION

E(z)RF Network Manager communicates with the controllers to access real-time access point and RF data. The interface provides visualiation maps for Wireless Throughput, RF Loss, Channel Utilization and Associated Stations. E(z)RF Network Manager also maintains historical data for the above metrics that lets operators visualize physical areas with wireless capacity issues quickly, minimizing the need for on-site visits.



CONTEXT-AWARE SEARCH NAVIGATION AND ADVANCED EVENT FILTERS

The Meru E(z)RF Network Manager includes a powerful search mechanism where search results have contextual links for navigating to the appropriate functions. Search mechanism includes partial key word searches with various filters. Advanced Event filters enable quick drill-down to specific information for faster analysis.

MANAGEMENT ON-THE-GO FROM MOBILE DEVICES

E(z)RF OnTheGo gives you the power of E(z)RF Network Manager on your mobile device for anywhere, anytime management of your network. It provides the network summary dashboard as well as controller and alarms dashboards.

ENHANCE SECURITY WITH ROGUE AP DETECTION

Rather than searching for rogue APs by sending someone to the building with a survey tool, network managers can use Meru E(z)RF Network Manager to remotely locate rogue APs, which can then be physically removed. All of these tasks are performed in real time from a central E(z)RF Network Manager console.

SCALABLE FOR THE ENTERPRISE

The Meru E(z)RF Network Manager is scalable for managing networks with hundreds of controllers and tens of thousands access points. The Meru E(z)RF Application server utilizes a three-tiered architecture, enabling easy scaling and migration as WLAN requirements grow. Ultimately, the system is scalable to 25,000 access points and associated Meru Controllers across multiple geographic regions.