

# SERVICES APPLIANCE



## MERU SERVICES APPLIANCE

Meru Services Appliances is an intelligent and extensible platform for E(z)RF Application Suite to manage 802.11 wireless networks.



### SERVICES APPLIANCE FAMILY

Intelligent Platform for Wireless Network Management

## PRODUCT OVERVIEW

The Meru Services Appliance family is an intelligent and extensible platform for E(z)RF™ Application Suite which provides a set of applications for comprehensive management of 802.11 wireless networks. These applications include:

- **E(z)RF Network Manager (NM)** - Provides network administrators with wireless performance dashboards, RF visualization, centralized monitoring, configuration, fault management, long term trends and reporting for enterprise wireless networks of all sizes.
- **E(z)RF Service Assurance Manager** - The only proactive application for remotely diagnosing the health of business critical wireless networks without requiring any overlay sensors.
- **E(z)RF OnTheGo** - An add-on application for the Services Appliance that provides customized E(z)RF Network Manager dashboards for mobile devices. This application enables anywhere, anytime management of WLAN.
- **E(z)RF Location Manager** - for accurate location tracking of all wi-fi enabled devices.\*<sup>1</sup>

Meru E(z)RF applications use Web 2.0-based graphical user interface and are tightly integrated with Meru Controllers, simplifying operations and reducing the total cost of ownership. Services Appliance platforms have an embedded relational database, enabling it to support large-scale enterprises, providing the ability to monitor and manage hundreds of Meru Controllers and in turn thousands of Meru APs.



SA200 SERVICES APPLIANCE



SA1000 SERVICES APPLIANCE

1. E(z)RF Location Manager is only available on SA1000.

# SERVICES APPLIANCE

## TECHNICAL SPECIFICATIONS

### SA200 PLATFORM SPECIFICATIONS

#### Target Deployments

Small Enterprise

**Max # of Controllers supported for E(z)RF NM**  
10

**Max # of APs supported for E(z)RF NM**  
500

**E(z)RF Network Manager versions**  
2.1 or later release

**Supported Controllers**  
MC1000 or higher

**Power Supply**  
Single

**Hard-disk**  
160 GB (non-RAID)

**Mounting**  
1U rack mount

**Power Supply**  
150 W

**Dimensions (HxWxD)**  
1.75" x 16.7" x 10.6"

#### Interfaces: Ethernet

1 10/100/1000 Base-T

1 10/100/1000 Base-T (Reserved)

#### Interfaces: Serial Port

RJ-45 based

### SA200 ENVIRONMENTAL SPECIFICATIONS

#### Environmental Operating Temperature

0° C to 40° C/32° F to 104° F

#### Storage and Transit Temperature

-20° C to 70° C

#### Humidity, Operating and Non-Operating

5-95% non condensing

### SA1000 PLATFORM SPECIFICATIONS

#### Target Deployments

Medium to Large Enterprise

**Max # of Controllers supported for E(z)RF NM**  
250

**Max # of APs supported for E(z)RF NM**  
25,000

**E(z)RF Network Manager versions**  
2.0 or later release

**Supported Controllers**  
MC1000 or higher

**Power Supply**  
Dual

**Hard-disk**  
RAID sub-system with replaceable hard-disks - 250 GB each

**Mounting**  
2U rack mount

**Power Supply**  
300 W

**Dimensions (HxWxD)**  
3.5" x 17" x 22"

#### Interfaces: Ethernet

1 10/100/1000 Base-T

1 10/100/1000 Base-T (Reserved)

#### Interfaces: Serial Port

DB-9 based

### SA1000 ENVIRONMENTAL SPECIFICATIONS

#### Environmental Operating Temperature

0° C to 40° C/32° F to 104° F

#### Storage and Transit Temperature

-40° C to 85° C

#### Humidity, Operating and Non-Operating

5-95% @40° C/104° F

### Certifications

#### EMC

FCC Part 15/ICES-003 Class A

Japan VCCI Class A

EU EN 55022; 2006 and

EN 55024:1998/A1:2001/

A2:2003

Korea KCC

#### SAFETY

cUL 60950-1

IEC/EN 60950-1

CB scheme and report with current national deviations per country certification

RoHS compliant

For other countries and regions, please contact your local Meru representative for more specific regulatory information.

**Meru Networks** | develops and markets wireless infrastructure solutions that enable the All-Wireless Enterprise. Its industry-leading innovations deliver pervasive, wireless service fidelity for business-critical applications to major Fortune 500 enterprises, universities, healthcare organizations and local, state and federal government agencies. Meru's award-winning Air Traffic Control technology brings the benefits of the cellular world to the wireless LAN environment, and its WLAN System is the only solution on the market that delivers predictable bandwidth and over-the-air quality of service with the reliability, scalability and security necessary to deliver converged voice and data services over a single WLAN infrastructure.

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