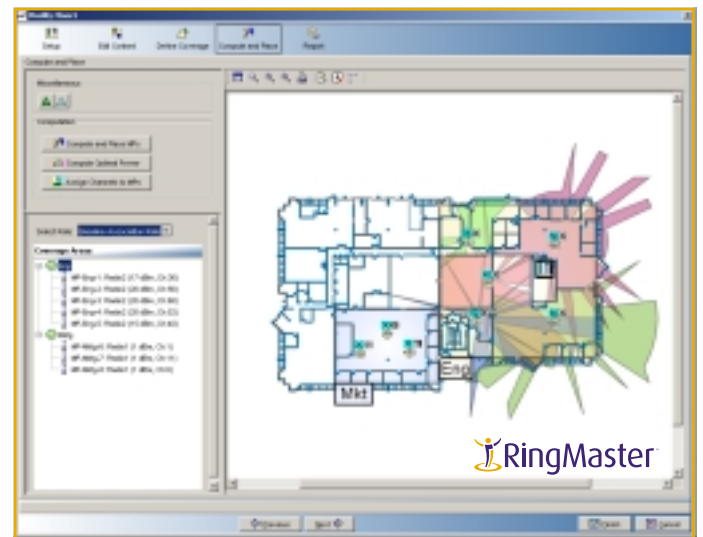


## RingMaster™

RingMaster is a full-featured tool suite that enables IT managers to perform pre- and post-deployment planning, configuration, verification, management and optimization of the WLAN infrastructure. It first imports AutoCAD® DXF™, AutoCAD DWG, JPEG or GIF floor plan files to design the WLAN offline. Wizard-based virtual site survey and automated capacity planning tools simplify device configurations. RingMaster automatically determines the number of Mobility Points (MPs) that need to be installed in any part of a building, taking into consideration the number of users and the level of traffic they're likely to generate. It also allows the IT manager to easily adjust WLAN capacity with minimal disruption.

Next, the IT manager prints a work order that shows where to install Trapeze Mobility Exchanges (MXs) and MPs. When that's done, IT can deploy hundreds of Mobility Point configurations with one mouse click. Then, RingMaster's RF topology mapping and coverage-verification tools simplify for ongoing optimization. RingMaster treats the air like structured wiring – or as Trapeze calls it, "structured air."



RingMaster also correlates network statistics. It displays the data that MXs collect on identity-based user sessions, and it details user- and system-level events and statistics for the wired network. RingMaster also detects, identifies, and locates rogue APs, their users and 802.11 ad hoc networks.

## Key Features

- Standalone application
  - Runs on Windows 2000, Windows XP, Solaris 8 and Solaris 9
  - Can integrate with HP OpenView Network Node Manager
- Complete off-line and on-line configuration planning
  - Eliminates expensive and time-consuming manual site surveys
  - Design offline with AutoCAD and other standard file formats
  - Applies RF attenuation factors to walls, doors, windows and other structures
  - Capacity planning optimizes the performance of applications and services
  - Test "what-if" scenarios, without needing any hardware
- Deployment tool leverages network plan
  - Automatic MX and MP™ placement, power-level optimization, and RF channel assignment
  - Generate work orders that show where to install Trapeze equipment
  - Verify and synchronize configurations
- Configuration version archives
- One-click systemwide changes
- Deploys configurations to all MX and MP devices
- Systemwide MX and MP image management
- Centralized upgrades
- Easy network rollbacks
- RF sweeps provide rogue detection and wireless topology map
  - Detects and locates rogue APs and users and ad hoc networks
  - RF coverage verification and topology-mapping tools provide "air awareness"
- Locates users by identity
  - Tracks roaming history, bandwidth usage statistics
- Issues automatic alerts about network changes
  - Wizard interface prompt for conflict resolution
- Sophisticated, context-sensitive rules engine
- Fault and event viewer for all MX and MP events
- Performance statistics
  - Tables, graphs with file export



## Hardware Requirements for Windows Systems

### Processor:

- Minimum: Intel Pentium III, 800 MHz or equivalent
- Recommended: Intel Pentium 4, 2 GHz or equivalent

### RAM:

- Minimum: 256 MB
- Recommended: 512 MB

### Hard Drive Space:

- Minimum: 100 MB
- Recommended: 200 MB

### Monitor Resolution:

- Minimum: 1024 x 768 pixels, 24-bit color
- Recommended: 1600 x 1200 pixels

## Hardware Requirements for UNIX Systems

### Processor:

- Minimum: Sun UltraSPARC 10
- Recommended: Sun Blade 150

### RAM:

- Minimum: 512 MB
- Recommended: 1 GB

### Hard Drive Space:

- Minimum: 100 MB
- Recommended: 200 MB

### Monitor Resolution:

- Minimum: 1024 x 768 pixels, 24-bit color
- Recommended: 1600 x 1200 pixels

## Software Requirements for Windows and UNIX Systems

### Windows Platform:

- Microsoft Windows 2000 (SP3) or Microsoft Windows XP (SP1)

### UNIX Platform:

- Sun Solaris 8 or Sun Solaris 9



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