

September, 2008

**Course Title:** Trapeze Networks Installation, Administration and Maintenance (TNIAM)

**Version:** v7.0

**Course Number:** SNS-ET-600

**Description:** This is a 4-day technical training course on the Trapeze Networks Mobility System that is required for certification. The course is designed to give field and support engineers a high level of technical competence with the Trapeze Networks Mobility System.

We begin by giving a detailed look at the Mobility System architecture and move on to describe a framework for planning the deployment of a Mobility System installation. The course covers the RF planning capabilities of the RingMaster SW and we describe how to configure MXs (switches) through the CLI to make them manageable from RingMaster, then go on to describe system and service configuration using that SW. The course describes a secure, enterprise-grade employee service in detail and introduces other service options (Web Portal login, voice services, open access). We look at integration issues with the back-end AAA, DNS and DHCP servers and show how to use the RingMaster SW to monitor, manage and report on the deployed network. RF optimization is also described to ensure that RingMaster has the most accurate model of the RF environment.

The course uses a combination of lecture, practical and group exercises to ensure a high level of hands-on experience with Trapeze Networks HW and SW components.

**Pre-requisites:**

- An understanding of TCP/IP networking (e.g. from the TNINT course)
- An understanding of 802.11 WLAN concepts (e.g. from the TNIWL course)
- Familiarity with AAA concepts and RADIUS

**Course Outline:**

- Introduction to Trapeze networks and the Mobility System
- The Mobility System Architecture
- Mobility System Project Planning
- Planning RF coverage with RingMaster
- Installing and configuring Trapeze Networks MXs
- Configuring services on a Trapeze Networks infrastructure
- Troubleshooting wireless connectivity
- Monitor, Manage and Report from the RingMaster console
- Other Topics
  - RF Optimization
  - AAA Server Integration
  - SmartPass for Guest Access
  - Mesh Services

For more information about class schedules and enrollment:

**America's:** Customers & Channel Partners:  
Phone: Toll-free at 866.TRPZ.TAC (866.877.2922)  
or at +1 925.474.2400

**EMEA:** End Users: Contact your local Trapeze Networks Reseller.  
Resellers: Login to the Trapeze Channel Partner Extranet  
E-mail: [EMEA-training@trapezenetworks.com](mailto:EMEA-training@trapezenetworks.com)

**APAC:** E-mail: [apac-training@trpz.com](mailto:apac-training@trpz.com)

## Detailed Course Schedule:

Day 1 (13:30–17:30):	Welcome, introductions & admin Architectural Basics Web Quickstart exercise Advanced Architecture
Day 2 (09:00–17:00)	RingMaster Installation & Licensing Mobility System deployment project framework Project Phase I – Data gathering & initial site visit Project Phase II – RingMaster planning with RingMaster planning exercise Project Phase III – HW installation with CLI Quickstart exercise RF Optimization
Day 3 (09:00–17:00)	Review quiz Project Phase IV – Service configuration with service configuration exercises <ul style="list-style-type: none"><li>• PEAP-MSCHAPv2 Offload, self-signed certificates</li><li>• PEAP-MSCHAPv2 Offload, CA certificates</li><li>• PEAP-MSCHAPv2 Passthrough</li></ul> Troubleshooting Services SmartPass for Guest Access Project Phase V <ul style="list-style-type: none"><li>• Monitoring</li></ul>
Day 4 (09:00–17:00)	Project Phase V <ul style="list-style-type: none"><li>• Management &amp; reporting</li></ul> Review test Group Exercises <ul style="list-style-type: none"><li>• Employee &amp; Guest Services</li><li>• Web Portal Services</li><li>• Supporting Voice Services</li><li>• Roaming &amp; Cluster</li><li>• Local Switching</li><li>• Domain Policies</li><li>• RF Snoop</li><li>• 3rd Party AP Integration</li><li>• Monitoring, Management &amp; Reporting</li><li>• WebView Configuration</li><li>• CLI Service Configuration</li><li>• Mesh Services</li></ul>
Day 5 (09:00–12:30)	Network Integration Group presentations Close