



# PacketMAX 802.16e Level I Technical Product Training

## Installation & Operations (SP-TRAINING-PMe-I)

The PacketMAX Level One Training Class is targeted to Engineers who will be responsible for the deployment and operations of the PacketMAX system. This class will provide both instructor lead training and hands on lab exercises.

### KEY BENEFITS

- Accelerated Product Training designed for maximum results
- Hands-on Product Training
- Dedicated Training Lab and 3rd party Equipment
- Instructors with Significant Industry Knowledge and Experience
- Maximum of 8 students as Optimum Class Size
- Training Resource CD provided
- Certificate provided at Successful Completion of Training Program

### Course Contents

This class is designed to provide the student with the fundamental knowledge of the PacketMAX WiMAX Certified system. Students will learn how the components interconnect and function in order to provide different Quality of Service to end customers. The students will use the Aperto WaveCenter Element Management System (EMS) to configure all components of the PacketMAX network.

Upon completion the student will be certified to install and commission the PacketMAX 802.16e Base Stations, Remote Radio Head (RRH) Subscriber Stations, and provision services.

### Course Objectives

At the completion of the course, the student will be able to:

- Identify the features and benefits of the PacketMAX WiMAX certified system
- Demonstrate knowledge of PacketMAX system architecture
- Identify and define the different types and components of the PacketMAX system
- Understand the different applications and services of the PacketMAX system
- Install the PacketMAX 4000 Base Station
- Install the Remote Radio Head
- Install and align the PacketMAX Indoor and Outdoor Subscriber Stations
- Troubleshoot an Installation
- Understanding the Wireless Architecture
- Provision a Subscriber Station using different service flows
- Understand the Base Station CLI
- Upgrade Software on Base Stations and Subscriber Stations
- Understand the PacketMAX IP Data functionality and services
- Install and Configure the Wavecenter EMS

### Training Class Details

- Course Duration: 3 Days (Aperto HQ Lab & Classroom) or 2 Days (Onsite)
- Training classes are between 6-8 students
- Refreshments and Lunch will be provided when course is held at Aperto HQ
- All Training Materials and Documentation provided will be provided on CD

### Pre-requisites

- Good knowledge of TCP/IP
- Basic understanding of RF Fundamentals

The training schedule is updated regularly. Please check <http://www.apertonet.com/support/schedule.html> for the latest dates.