

RADWIN Point-to-Multi-Point (PtMP) Professional Operations: In-Class Course

Part Numbers: RW-8411-2010

Prerequisites: RF fundamentals, Networking 101 or previous network experience

Course Duration: Three (3) days

Enrollment: Ten (10) maximum

Target Audience:

- Distributors
- Partners
- System Integrators
- T1 / T2 Support Engineers

Course Description:

This course introduces RADWIN's PtMP radio system and supportive operation and management tools. The course is relevant for network operators who will be operating and maintaining RADWIN's PtMP radio systems. This course introduces theoretical, operational, and practical aspects of RADWIN's PtMP radio system. It includes a hands-on workshop, enabling participants to practice basic configurations of the PtMP system/equipment and to perform basic troubleshooting.

Certification Conditions:

Upon completing the course, the participants will receive certification, based on the successful fulfillment of the following conditions:

- The trainee must participate in all theoretical sessions and complete the hands-on training sessions.
- The participant must pass the final exam.
- The certification qualifies the installation, operation and maintenance of the products described in the course.
- The certification has a validity period of two (2) years. The certificate must be renewed upon expiration to maintain the qualification.
- To renew the certification, one must attend refreshment training and pass the re-certification exam.

Course Objectives:

Upon completing this course, participants will have a solid understanding of:

- The main principles of the RADWIN PtMP solution main principles
- RADWIN's technology, features, and advantages
- RADWIN's PtMP system architecture, features, system components and associated functions
- The SW/HW versions and compatibility
- How to install, configure and troubleshoot a PtMP link
- Site acceptance and commissioning process
- Site preparation and installation best practices
- Software upgrade procedures
- RADWIN services and support structure

Provided collateral:

- PDF copies of the course presentations

Course Agenda¹

Time / Day	Day 1	Day 2	Day 3
09:00 – 09:30	Course opening & introduction	Daily recap	Daily recap
09:30 – 10:15	RADWIN PRM overview and sign-in	Site planning	IDU-S / Smart-Node overview
10:15 – 11:00	PtMP system introduction	Network synchronization	RF Planning and LBC
11:00 – 11:15	Break		
11:15 – 12:00	RADWIN technology introduction	MultiSector Introduction	Software upgrade
12:00 – 12:45	PtMP Network Deployment	R-Manager HBS installation and configuration	Troubleshooting procedure
12:45 – 13:45	Lunch		
13:45 – 14:30	Installation and configuration – WEB UI HBS	RADWIN SU GUI & installation	RADWIN Services portfolio
14:30 – 15:15	Installation and configuration – WEB UI HBS	SU WINTouch alignment	Course summary and feedback
15:15 – 15:30	Break		
15:30 – 16:15	WEB UI HBS installation practice	Installation and configuration practice	Final exam
16:15 – 17:00	WEB UI HBS installation practice	Installation and configuration practice	Final exam

Class Requirements:

- Room suitable for training based on number of participants, properly air-conditioned and in quite environment
- Video projector and cables required for trainer's laptop connection
- Whiteboard/flipchart and markers
- Broadband internet connection + Wi-Fi
- PC/laptop for each participant
- Equipment for hands-on or connection to remote lab
- Registration to RADWIN PRM

¹ Agenda may be subject to changes