

RADWIN Point-to-Multi-Point (PtMP) Professional Operation: Online Course

Part Numbers:

- Private: RW-8410-2011
- Public: RW-8410-2021

Prerequisites: RF fundamentals, Networking 101 or previous network experience

Course Duration: Three (3) partial days, twenty-two (22) hours in total (including hands-on time)

Enrollment: Six (6) maximum (for more than 6, please contact Sales)

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 PtMP radio system.

The course is delivered by RADWIN professional trainer via webinar. The hands-on is performed using RADWIN remote lab.

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
- RADWIN's technology, features, and advantages
- RADWIN's PtMP system architecture, features, system components and associated functions
- The SW/HW versions and compatibility
- Network TDD synchronization procedures
- How to install, configure, and troubleshoot the PtMP link
- Site acceptance and commissioning process
- Site survey prerequisites and installation best practices
- Software upgrade procedures
- RADWIN services and support structure

Course Agenda¹

Time / Day	Day 1	Day 2	Day 3
09:00 – 09:30	Course opening & PRM Registration	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 - 13:00	Break		
13:00 – 13:45	Installation and configuration – WEB UI HBS	RADWIN SU GUI & installation	RADWIN Services portfolio
13:45 – 14:30	Installation and configuration – WEB UI HBS	SU WINTouch alignment	Course summary and feedback
Hands-on session is performed in RADWIN remote lab and will be coordinated and scheduled upon completion of the theoretical sessions. Hands-on duration: up to 4 hours.			
Certification exam is performed using online examination system. The exam link will be sent to the course participants upon completion of the hands-on session.			

Provided collateral:

- PDF copies of the course presentations
- Video recording of the webinar

Class Requirements:

- PC/Laptop for each participant
- Installation of webinar software on participant's PC/laptop
- Broadband stable internet connection
- Registration to RADWIN PRM

Remote lab system requirements:

- Stable internet connection
- Web browser (Chrome)
- Remote Desktop (RDP) client enabled
- Screen resolution: at least Full HD (1920x1080)

¹ Agenda may be subject to changes