

RADWIN Point-to-Point (PtP) Installation: In-Class Course

Part Numbers: RW-8410-1110

Prerequisites: RF fundamentals, Networking 101 or previous network experience

Course Duration: Two (2) days

Enrollment: Ten (10) maximum

Target Audience: System Integrators

Course Description:

This course introduces RADWIN's PtP radio system and supportive operation and management tools. The course is relevant for system integrators and installers who will be installing RADWIN's PtP radio systems. This course introduces theoretical, operational, and practical aspects of the RADWIN PtP radio system. It includes a hands-on workshop, enabling participants to practice installation, basic configuration of the PtP 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 the theoretical sessions and complete all hands-on training.
- The participant must pass the final exam.
- The certification qualifies the installation, operation and maintenance of the products addressed 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 PtP technology
- RADWIN's PtP system architecture, features, system components and associated functions
- Site preparations and installation procedures
- How to install, configure and troubleshoot a PtP link
- TDD synchronization procedures
- Site acceptance and commissioning process
- RADWIN services and support structure

Provided collateral:

- PDF copies of the course presentations

Course Agenda¹

Time / Day	Day 1	Day 2
09:00 – 09:30	Course opening & RADWIN PRM registration	Daily recap
09:30 – 10:15	PtP system introduction	D+ overview and configurations
10:15 – 11:00	Site preparation and installation	D+ overview and configurations
11:00 – 11:15	Break	
11:15 – 12:00	Site preparation and installation	Troubleshooting procedure
12:00 – 12:45	Network synchronization	D+ practice
12:45 – 13:45	Lunch	
13:45 – 14:30	Alpha overview and configuration	D+ practice
14:30 – 15:15	Alpha overview and configuration	Course summary and feedback
15:15 – 15:30	Break	
15:30 – 16:15	Alpha practice	Final exam
16:15 – 17:00	Alpha practice	Final exam

Class Requirements:

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

¹ Agenda may be subject to changes