

Cambium Networks

PMP 450 Point-to-Multipoint (PtMP) – Onsite Instructor-Led Training



Course Duration: 2 Days (16 hours).

Delivery Mode: Instructor-led delivery at customer site or agreed training location (Includes hands-on lab exercises and hardware configuration sessions).

Target Audience: Network Administrators, Implementation Engineers, Wireless Field Technicians, System Integrators, & Technical Support Personnel.

Course Description

This **two-day, instructor-led course** provides a comprehensive, hands-on learning experience focused on the **Cambium PMP 450 Point-to-Multipoint portfolio**, including the **450 legacy, 450b, and 450m (cnMedusa)** series.

Module 1: Introduction to Cambium PMP 450 Series (including New 450v Models)

Prerequisites

Participants should have the following baseline knowledge:

- [Complete the Radio Frequency Course on Cambium Learning.](#)
- [Complete the Purpose of a Network Course on Cambium Learning.](#)
- [Complete the Why are Radio Waves, Frequency, Spectrum and Bands Important Course on Cambium Learning.](#)

Learning Outcomes

Upon completion, participants will be able to:

- ✓ Understand the fundamentals of Point-to-Multipoint (PtMP) wireless technology and Cambium's PMP 450 portfolio.
- ✓ Identify the differences and use cases for the 450, 450b, and 450m (cnMedusa) devices.
- ✓ Design and plan a basic PMP 450 network deployment.
- ✓ Install and align PMP 450 access points (AP) and subscriber modules (SM).
- ✓ Configure essential network settings, including IP, VLAN, QoS, and management access.
- ✓ Use cnMaestro for centralized device management, monitoring, and firmware updates.
- ✓ Troubleshoot connectivity, performance, and device-level issues in the field.

Course Modules

Module 1: Introduction to Cambium PMP 450 Series.

Module 2: RF Design, Link Planning, and Deployment Considerations.

Module 3: Hardware Installation and Antenna Alignment.

Module 4: Device Configuration (AP and SM) via GUI.

Module 5: Network Setup – VLANs, IP Addressing, and QoS.

Module 6: Using cnMaestro for Monitoring and Device Management.

Module 7: Firmware Upgrades and Device Maintenance.

Module 8: Troubleshooting Common Issues and Field Diagnostics.



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Assessment & Certification

- Upon successful completion, participants will receive a **Certificate of Completion**.
- Optional testing can be included for the **Cambium Certified Installer – PMP 450** credential if required.

Recommended:

It is highly recommended that participants complete the Basic Fundamentals self-paced content in Cambium Learning or have experience in basic radio frequency concepts before taking this course or the PMP 450 Certification Exam.

