



Apex Pro CH Telemetry Technical Service Class

Course Summary

This technical service class, for the **Apex Pro Channelized (CH) Telemetry** system components, illustrates the practical skills needed to configure and troubleshoot the system. Participants are involved in basic clinical software navigation and the comprehension of software configuration and service tools. The course provides a detailed explanation of the individual hardware and software components, their integration and interconnectivity with other system components. Participants learn hands-on skills in labs designed to reinforce principles reviewed in class.

Intended Audience

Technical service personnel who have attended training more than 2 years ago, new hire personnel and those that are interested in more advanced training on the Apex Pro CH Telemetry system.

Customer Requirements

Customers are required to bring a laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

Laptop Recommendations:

- **Hardware:** PC based {not MAC}; Network Card
- **Operating System:** Windows 2000 and XP Professional only
- **Software:** Adobe Reader {latest version}, Internet Explorer ver5.5 or greater, Latest Flash plug-ins)

Course Length

- 5 days

Course Prerequisites

- Clinical Information Center (CIC) Technical Service Class

Required IT Skills

The following skills are required for successful completion of this class: IP Addressing, Subnetting, Hard Drives, Hardware Replacement, Hubs, Switch Port Configuration, Switch VLAN Configuration, Switch Troubleshooting, Router Configuration, Access Control Lists, Router Troubleshooting, POST, Access Point Configuration, Troubleshooting Wireless Networks, Network Connectivity, Communication Paths, Network Troubleshooting and Back-up Systems.



Course Location

- Waukesha, WI

Course Objectives

Upon successful completion of the course, participants will be able to:

- Assess different configuration options relating to hardware and software for the Apex Pro CH Telemetry products presented in the course.
- Explain the Apex Pro CH Telemetry product software and hardware version differences.
- Differentiate between UHF, VHF and WMTS telemetry system architecture.
- Demonstrate proficiency of course material for configuration and operational navigation by the successful completion of hands-on labs.
- Analyze and successfully troubleshoot any failures, using service documentation, course material, and troubleshooting tools demonstrated during class.
- Perform repair/replacement procedures for Field Replaceable Units (FRUs) on the Apex Pro CH Telemetry products as directed.
- Demonstrate proper use of all special tools and test equipment during all hands-on service procedures.
- Perform calibrations as required for service and Planned Maintenance procedures.
- Explain and demonstrate the Post Service checkout procedure to validate operation after installation, repair, or replacement procedures.

Course Equipment

- Clinical Information Center (CIC) v4 with Apex Pro
- Apex Pro Antenna
- Apex Pro Receiver sub-system
- Apex Pro CH Transmitter
- Apex Telemetry Server (ATS)
- Rohde & Schwarz Spectrum Analyzer (specific to Apex Pro CH Telemetry)

Related Courses

APEX PRO FH TELEMETRY TECHNICAL SERVICE CLASS
CLINICAL INFORMATION CENTER (CIC) SERIES TECHNICAL SERVICE CLASS
DASH SERIES TECHNICAL SERVICE CLASS
PATIENT MONITORING CH TECHNICAL SERVICE CLASS
PATIENT MONITORING FH TECHNICAL SERVICE CLASS
SOLAR SERIES TECHNICAL SERVICE CLASS