

APRISA XE INSTALLATION, COMMISSIONING, AND MAINTENANCE TRN-APRISA-XE-ICM

Course Specifics

Duration:	2 days
Class capacity:	10 students
Materials provided:	Student Handbook (e-Book)



Course Description

The Aprisa XE two-day training course provides a basic overview of the Aprisa XE product and its application.

Our training courses will teach you how to install, configure, and commission Aprisa XE radio systems.

The course covers network applications, hardware architecture, software management and trouble shooting.

The training also provides the advantage of an in depth understanding of the interfacing capability, ultimately allowing you to achieve operational efficiencies

This program is based on 60% hands-on lab work and 40% content slides. However, adequate backup material is provided in the training manuals for those who want to do more.

AVIAT expert trainers conduct courses in a mentoring environment backed by their deep technology expertise and experience in implementing microwave wireless and IP/MPLS networks.

The course is **conducted at Aviat Training locations or can be arranged at customer sites.**

Target Audience

This course is intended for Level-2 support groups, engineers, and technicians.

Pre-requisites

While the Aprisa XE program starts with covering some basics of RF, networking, and NMS, strongly recommends the following expertise as pre-requisites:

- Working knowledge of the OSI network model, TCP/IP protocol suite, working of routers, bridges, Layer-2 and Layer-3 QoS, and packet processing.
- Working knowledge of low-level protocol (FXO/FXS. E&M)
- E1/T1 PCM and ADPCM

Objectives

Participants who have completed the course will have the knowledge and skills to carry out:

- Basic Aprisa XE configuration, performance monitoring, and fault diagnostics.
- System architecture and building blocks at the MAC, PHY, and RF levels and the performance attributes in applications for the Oil and Gas industry, video surveillance, backhauling, and BWA deployments.

Course Outline

Day 1: Aprisa XE Introduction, Hardware, and Software

- Introduction to Aprisa XE.
- Applications.
- Terminal architecture.
- Aprisa SuperVisor management software.
 - Display and configure Aprisa terminal parameters.
 - Configuration of an Aprisa XE link (Practical).
 - Basic cross-connections.
 - Configuration of cross-connects (Practical).
 - Display and configure Aprisa interfaces.
 - Configuration of Aprisa XE interfaces (Practical).

Day 2: Aprisa XE Configuration, Management and Fault Diagnostics

- Monitor performance and alarm status.
- Monitoring and evaluation of performance and alarm status (Practical).
- Software maintenance tasks options.
- Software maintenance tasks (Practical).
- Troubleshooting and fault diagnostics (Practical).

Required Equipment for Training Sessions at Customer Sites

CLASSROOM SET UP Sufficient in size to handle all participants, instructor, desks, chairs, and classroom equipment. The room must have enough 110 AC (220) AC power and air conditioning to operate equipment, all students' client PCs, and the server or radio as required.

Hands-on participation of the trainees is subject to hardware availability in on-site sessions.

Pricing & Scheduling

Please contact your Aviat local sales team for a quote or email aviatcareeducate@aviatnet.com and request pricing for the following items:

TRN-APRISA-XE-A	APRISA XE: Installation, Operation and Maintenance- ILT- 2 Days- Aviat Training Center- Open Enrollment- per Student
TRN-APRISA-XE-B	APRISA XE: Installation, Operation and Maintenance- ILT- 2 Days- Aviat Training Center- 10 Students Max
TRN-APRISA-XE-C	APRISA XE: Installation, Operation and Maintenance- ILT- 2 Days- Customer Location- 10 Students Max
TRN-APRISA-XE-VILT-A	APRISA XE: Installation, Operation and Maintenance- VILT- 2 Days- Open Enrollment- per Student
TRN-APRISA-XE-VILT-B	APRISA XE: Installation, Operation and Maintenance- VILT- 2 Days- 10 Students Max