
ADVANCED ECLIPSE FEATURES VILT COURSE

TRN-ECL-ADV-L2-VILT- A /B/D

Course Specifics

Duration:	4 Virtual sessions of 2- 3 hours each
Class capacity:	8 students
Delivery Format	Virtual Instructor Led
Materials provided:	Student Handbook (e-Book)



Course Description

The Eclipse™ product family is a highly modular and scalable platform that delivers a unique combination of high capacity hybrid or all-packet transport, Carrier Ethernet/IP networking, and comprehensive mission critical microwave features, enabling operators to prepare for the all-IP future.

The Deploying Advanced Eclipse Features course builds on the foundational knowledge provided in the prerequisite Eclipse Installation, Operation and Maintenance course (TRN-ECLIPSE).

This course is targeted at providing students a thorough understanding of how to deploy the Eclipse platform in an All-IP Radio Access Network (IP-RAN) environment. The course covers overview of related Ethernet/IP fundamental concepts such as IP addressing, sub-netting, VLANs, QoS techniques, protection techniques, and synchronization and timing in an Ethernet environment.

Courses are conducted by **AVIAT expert** trainers in a mentoring environment backed by their deep technology expertise and experience in implementation of microwave wireless and IP networks.

Target Audience

Courses are intended for service personnel requiring an in-depth knowledge of troubleshooting and maintaining Eclipse radio platforms.

Prerequisites

- Students must demonstrate prior completion of the Eclipse Installation, Operation and Maintenance course (TRN-ECLIPSE). An attendance record from the TR-ECLIPSE course such as the certification of completion will be requested during the registration process. Students that have completed the TR-ECLIPSE over 12 months ago may be required to complete an online E-Learning course for the Eclipse System Overview (approximate 1-hour duration) as a refresher.
- Participants should have a basic understanding of Microwave and IP Fundamentals and have basic computer skills. These courses are available via E-learning on the AviatCare Educate site or as part of the Aviat Networks Certification program (Associate level).
- Each student must bring an IBM compatible laptop PC or an equivalent and have administrator rights on the PC.
The PC must have minimum parameters of:
 - Pentium 4 or later w/ 2GB of RAM and 250 Mb of free hard drive space
 - USB Port
 - Ethernet 10/100/1000Base-T LAN port with RJ-45 connector for local Ethernet connection

- 800x600 resolution, 256 color display (16-bit color)
- Microsoft Windows XP, Vista, Windows 7, or Windows 8
- TCP/IP installed and configured for LAN operation

Objectives

Upon successfully completing this course, participants will be able to:

- Understand and deploy advanced features for the Eclipse platform.
- Install, configure operate and maintain Eclipse IP radios.
- Diagnose complicated faults and troubleshoot the relevant Eclipse platform(s) with support requirements.

Key Features:

- Session will be conducted by an Aviat Certified Trainer
- Multiple sessions of 2- or 3-hours maximum depending on the course curriculum & standard duration
- Realtime video conference sessions to be scheduled according to your availability
- Maximum 8 students per WebEx session
- Trainer will have direct access to equipment setup in a lab environment for demonstration
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- Realtime equipment configuration demonstration from the trainer
- All students will have real-time video interaction with trainer for question and answers
- All students will receive Certificate of Completion
- Post Virtual Classroom Support: 4- hours consulting and remote support

Course Outline

- Product Theory and Presentation
- Functionality, Features, and How to Configure
- Commissioning and Maintenance
- Equipment Lab Access Using Remote Lab Connection
- Question and Answers

Session Requirements:

- Internet Access
- All students need an IBM (Windows) computer and they need administrative rights.

There are 3 programs students need to run and they will need administrative rights to install these 3 programs.

1. WebEx, they will need to run WebEx to do the VILT. This can surely be done on a non-Windows computer such as a Mac, but they will need to have administrative rights to install it. This is the absolute minimum to do VILT.
2. Pulse Secure, to do labs they will need to install the Pulse Secure VPN client to connect to our San Antonio lab. The software we give them for this is Windows based so they will need a Windows computer with administrative rights to install and run this.
3. Portal, they will need to install Portal to do the labs once connected to the VPN. Portal is also Windows based, so they will need the Windows computer with administrative rights.

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-ECL-ADV-L2-VILT-A	ECLIPSE: CONFIGURING ADVANCE FEATURES - VIRTUAL INSTRUCTOR LED TRAINING - OPEN ENROLLMENT -PER STUDENT
TRN-ECL-ADV-L2- VILT-B	ECLIPSE: CONFIGURING ADVANCE FEATURES - VIRTUAL INSTRUCTOR LED TRAINING - 8 STUDENTS MAX