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## CTR8740 Installation, Operation and Maintenance VILT Course

### TRN-CTR8740-VILT-A/B

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#### Course Specifics

Duration:	6 Virtual sessions 2-3 hours each
Class capacity:	8 students
Delivery format:	Virtual Instructor Led
Materials provided:	Student Handbook (e-Book)



#### Course Description

The CTR 8740 is the industry's most powerful microwave indoor unit and a full featured router, custom designed for integrated wireless transport, and delivering on 5G requirements. It is a fully integrated microwave networking solution, delivering a unique combination of high capacity all-packet transport, Carrier Ethernet, IP/MPLS and Layer 3 services, and comprehensive mission-critical microwave features. The CTR 8740 is the common router solution for all RF deployment options with Layer 2 or Layer 3; one solution for indoor, outdoor, and split mount deployments.

The CTR8740 Installation, Operation and Maintenance course teaches students key functions of the CTR8740 platform. The course includes an overview of all available modules and the chassis, initial setup, installation and login, configuration with CLI and GUI, system commissioning, diagnostics, maintenance, and troubleshooting. Extensive hands-on labs (nearly 50% of the course duration) offer students with scenarios they will face in real deployments in their networks.

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.

The CTR 8740 Installation, Operation and Maintenance course is conducted online, scheduled to fit the customer time zone.

#### Target Audience

This course is intended for installation and service personnel responsible for installation, configuration, test, and maintenance procedures for the CTR 8740 platform.

#### Prerequisites

1. Participants must complete CTR 8740 System Overview e-learning course.
2. Participants should have a basic understanding of Electronics, Telecommunications and IP Fundamentals and have basic computer skills.
3. Each student must have a Windows laptop/PC and administrator rights on the PC (to allow installation of the required tools/applications).

The PC must have minimum parameters of:

- Pentium 4 or later w/ 1GB of RAM and 250 Mb of free hard drive space
- Microsoft Windows XP, Vista, or Windows 7
- WiFi/Internet enabled

## Objectives

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

- Basic installation and configuration of the CTR 8740 equipment
- Provisioning of features such as Management, RF Links, VLANs, Q-in-Q, LACP and L1 Link Aggregation
- Basic diagnostics, troubleshooting and preventive maintenance for CTR 8740

## 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
- 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: 2- hours consulting and remote support- per case basis.

## Course Outline

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

## Session Requirements:

- Internet Access
- All students need a Windows computer with administrator rights.

The following are application programs the students need to install before training.

1. WebEx. This is the meeting platform Aviat is using for training sessions; the absolute minimum to do VILT.
2. Pulse Secure. This VPN client is needed to connect to our lab facilities. Instructions for downloading and installing the Pulse Secure VPN client will be provided.
3. Google Chrome. The preferred web browser to open the GUI of the equipment, for configuration.
4. Putty or equivalent. Terminal emulation program for CLI configuration.

# EDUCATION SERVICES



## Pricing & Scheduling

Please contact your Aviat local sales team for a quote or email [aviatcareeducate@aviatnet.com](mailto:aviatcareeducate@aviatnet.com) and request pricing.

TRN-CTR8740-VILT-A	CTR 8740: INSTALLATION, OPERATION AND MAINTENANCE, - VIRTUAL INSTRUCTOR LED TRAINING – PRICE PER STUDENT
TRN-CTR8740-VILT-B	CTR 8740: INSTALLATION, OPERATION, AND MAINTENANCE – VIRTUAL INSTRUCTOR LED TRAINING -8 STUDENTS MAX