

## FREQUENCY ASSURANCE SOFTWARE (FAS)

ProVision Plus FAS  
 TRN-FAS-VIL E/A/B

### Course Specifics

|                     |  |
|---------------------|--|
| Duration:           | ~4 hours VILT / 1 hour E-Learning                  |
| Delivered Format:   | ILT combined with PV+ or VILT and E-learning       |
| Materials provided: | Instruction Manual (USB)<br>Student Handbook (USB) |



### Course Description

Aviat FAS (Frequency Assurance Software) provide the capability to automatically detect and alert users to external interference occurrences in the network, classify the severity and persistence, analyze the interference at a network level and radio interface deep-dive level, and generate executive and technician level reports.

The **FAS Installation, Configuration and Management** course provides full guidance on the installation, use and administration of FAS option in Provision Plus software.

The course will cover in detail all aspects of using the FAS for configuration management, performance monitoring and reporting.

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 FAS training course will be conducted in conjunction with Provision Plus training at Aviat Training locations or can be arranged at customer sites.**

**For FAS standalone training can be provided only in Elearning Format or in VILT session**

### Target Audience

This course is intended for Network Operations Center (NOC) operators and engineers involved in managing microwave networks using the ProVision Plus EMS.

## Prerequisites

1. Participants should have knowledge and experience in the areas of network operations fundamentals and telecommunications fundamentals.
2. 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/ 1GB of RAM and 250 Mb of free hard drive space.
- Microsoft Windows XP, Vista, 7 or Windows 10.
- USB Port.
- Network adaptor port (LAN Port).
- DB9 serial port connection or adapter (optional).

## Objectives

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

- Understand key concepts of Aviat's Provision Plus FAS option.
- Configure the FAS system to monitor your network.
- Monitor and Trouble shoot interference's in your network

## Course Outline

### FAS presentation

- Description
- Overview
- Licensing

### FAS Configuration

- Requirement before configuring.
- System configuration
- Interfaces configuration

### Troubleshooting and monitoring

- Dashboard
- Troubleshooting process

### Analysis

- Network FAS Alarm Indicator
- Interference Episodes Analysis
- FAS PCR Interference Analysis
- Radio Network Health Interference Analysis
- Resource Performance Interference Analysis

## Required Equipment for Training Sessions at Customer Sites

RADIO                                      Access to the customer network

OTHER EQUIPMENT                      none

CLASSROOM SET UP                      none

## Pricing & Scheduling

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

|               |  |
|---------------|--|
| TRN-FAS-E     | ProVision Plus FAS E-learning -price per Student.  |
| TRN-FAS-VIL-A | ProVision Plus FAS: Installation, Configuration and Management - VILT, 4 Hours, Aviat Training Center - Open Enrollment -per Student |
| TRN-FAS-VIL-B | ProVision Plus FAS: Installation, Configuration and Management - VILT, 4 Hours.  |