


# € TRAINING

Technical VSAT

A group of four smiling professionals (three men and one woman) are seated around a table in a meeting room. They are all wearing white shirts. The woman in the foreground is wearing a black top and a multi-strand necklace. The background is a bright, modern office environment.

25 - 29 August 2019  
Manama (Bahrain)  
Crowne Plaza



## Technical VSAT

REF: O12386 DATE: 25 - 29 August 2019 Venue: Manama (Bahrain) - Crowne Plaza Fee: 2500 Euro

### Overview:

This course has been designed for Technicians who are entering into the satellite communications industry from another area of electronics engineering or for VSAT installers who want to better understand the system that they are installing. It provides a basic understanding of the component parts of a VSAT system and how the terminal is installed, commissioned and maintained.

### The detailed content of the session:

- The Geostationary orbit.
- Regulatory matters.
- System block diagram.
- System topology.
- BUCs vs Transceivers.
- LNBS.
- Waveguide components.
- Antenna types.
- Antenna mounts.
- Indoor equipment.
- Routine maintenance.
- Fault diagnosis.
- Decommissioning.
- Site survey.
- Electrical requirements.
- Documentation.
- Preparation.
- Antenna installation.
- Lightning protection.
- Cabling.
- Antenna alignment.
- Activation procedure.