

Definitive VSAT

A 2 day training course



Description

This 2 day training course examines what VSAT is, its usages and users. It then looks at the hardware required for VSAT.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Explain how VSAT is used.
- ✓ Describe the hardware required for VSAT operation.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning.



Details

Who will benefit?

Anyone working with VSAT.

Prerequisites

None

Duration: 2 days

Customer rating:



Generic training



Generic training complements product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."

G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."

M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."

J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."

V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."

S.R. Qinetiq

Definitive VSAT

Course content

Introduction

- Do I need a VSAT / Why do I need a VSAT?
- LEO satellite internet systems

VSAT Introduction

- A Brief History
- Satellite Services
- Satellite Communications
- Satellite Footprint
- Radio Frequency Bands
- ITU Definitions

VSAT Users

- What is a VSAT?
- VSATs - Usage
- VSATs – Users

VSAT Hardware

- Typical System Hardware
- VSAT ODU and IDU
- VSAT Station Equipment
- Diplexer and Feed Horn
- Typical Waveguide Element
- Polarisation
- VSAT Hub
- Antenna Pointing
- Outdoor Unit
- Outdoor (continued)
- VSAT Network Earth Stations
- Indoor Unit
- VSAT Network Earth Stations
- Indoor Unit Element
- Hub Station
- Hub Sub-station
- Hub Options
- Hub Options (2)
- Hub Options (3)
- Temporary Mount

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

Step back

Essential satellite communications

Definitive VSAT

Step forward

Advanced satellite communications

TCP/IP foundation for engineers