
Cell Site Analysis Overview

Duration: 2 days

Intended Audience: all levels of participant

Course description:

This course has been designed to provide a non-technical overview of the architecture, technologies and techniques employed by cellular mobile networks. It also provides a general overview of cell site analysis and the activities undertaken to complete a forensic mobile investigation.

Course Content:

- Understanding Cellular Network Operations
- Introduction to Training Scenario
- Radio Principles
- Cellular Technologies
- Generic Cellular Network Architecture
- Generic Base Station Site Configurations
- Cellular Generations
- Cell IDs & Cell Discrimination – ARFCN & BSIC, Scrambling Codes, PCI
- RF & Cellular Measurements
- Summary of Cellular Concepts
- Aligning Training Scenario to Cellular Concepts
- Cell Site Analysis
- Analysing and understanding network CDR (Call Detail Records)
- Extracting useful information related to surveys from network CDRs
- Forensic Radio Surveys
- Survey Types & Techniques
- Cell Site Analysis Reports
- Survey Types & Techniques
- Cell Site Analysis Reports
- Investigative benefits of understanding cellular network operations
- Worked Example - Cell Site Report based on training scenario
- Introduction to CSAS features
- Aspects of cell site analysis that can be automated using CSAS
- Mapping CSAS features to activities in the training scenario
- Questions & Answers
- Practical session: hands-on with forensic survey devices
- Practical session: cell site investigation workshop – bring the knowledge gained during the course to bear on a realistic cell site investigation, using real (but anonymised) call data to work through a scenario and reach conclusions based on the evidence uncovered

Open deliveries scheduled throughout the year –
check our website for dates and locations

www.forensicanalytics.co.uk/training

Fees, Locations & Booking

Pricing

This course costs £400 per delegate per day (excluding VAT, delegate travel, accommodation, etc).

The 5-day delivery will be charged at £2000 + VAT per participant

Terms & Conditions

Full details of our training Terms & Conditions are available on request.

In general, we will require a PO (Purchase Order) number from each customer before a training event can be confirmed.

We may require part or full payment in advance in some circumstances.

Practical elements are dependent on suitable RFPS equipment being available.

Airfares and other expenses may be added for non-UK deliveries.

All prices are quoted exclusive of VAT.

Payment terms 30 days upon receipt of order.

Location

This course will usually be delivered at:

De Vere Venues – Harben House

Address: Harben House, Severn Drive, Newport Pagnell, Buckinghamshire MK16 9EY

Phone: 01908 215600



Closed courses can be delivered at the customer's premises or chosen venue.

Open courses can be delivered at other locations depending upon requirements.

Booking

Please contact us at:

training@forensicanalytics.co.uk

0800 158 3830

Forensic Analytics Ltd
PO Box 324
Letchworth Garden City
SG6 9FL
UK

0800 158 3830

training@forensicanalytics.co.uk – www.forensicanalytics.co.uk