

CDR Processing & Interpretation [FA015]

The processing and interpretation of CDRs (Call Details Records) sits at the heart of the forensic discipline of Communications Data Analysis and provides the fundamental source data for Cell Site Analysis. The accurate processing and interpretation of comms data is a vital first step in understanding the contacts that a subject phone has made and the locations it has visited.

Duration: 3 days

Target Audience

This course is intended to be applicable to police officers, civilian staff, analysts and private sector organisations who are or may be required to process, 'cleanse', understand or present comms data evidence

Course Aims

To provide participants with a detailed overview of the structure and meaning of communications billing record formats and further to provide them with practical experience of cleansing, normalising and processing records into a standardised format ready for analysis.

Course Content

- Comms data & cell site analysis concepts
- Cellular networks overview
- Capturing Billing Data in the network
- Comms data analysis process
- Detailed review of typical fields and data types found in CDR files
- Understanding UK CDR formats
- CDR Cleansing
- CDR Normalisation
- Creating a combined call schedule
- Cleansing UK data formats from:
 - Vodafone
 - EE
 - O2
 - Three
 - and others
- Comms data analysis – what it can prove
- Common forms of analysis
- Calls count and pivot tables
- Link analysis – finding bridges and facilitators
- Lifestyle Analysis
- Comparing data for different phones together
- Cell site analysis – what it can prove & what it can't prove
- High level analysis
- Creating cell location maps and inferring cell coverage areas
- Incorporating RFPS/RF Survey evidence
- Combining comms data and other forms of evidence – CCTV, ANPR, etc
- Low level analysis
- Full analysis report packages
- Questions & Answers

Fees, Locations & Booking

Pricing

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

The 3-day delivery will be charged at £1200 + 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.

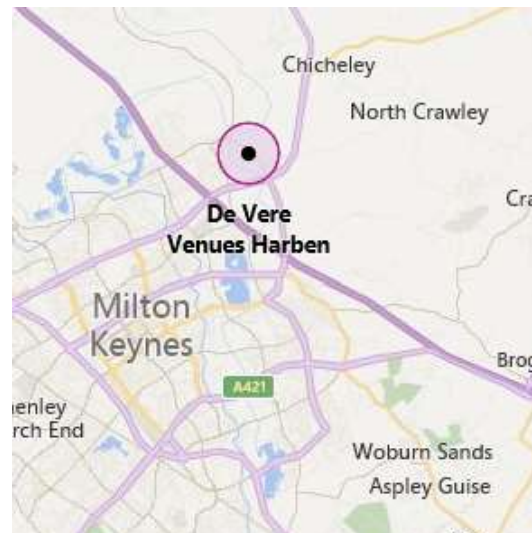
Location

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:

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