

LEVERAGING THE BEST PHONE INVESTIGATION TECHNIQUES



Analytical software for phone data

OCKHAM SOLUTIONS

MercureV3 © 2013

Phone analysis is at the heart of any investigation

Today, cellular technologies can provide investigators with numerous clues and investigation axes. MercureV3 is the third generation of Ockham Solutions' dedicated software application. It specifically addresses the needs of telephone communication analysis.

Our expertise, recognised by thousands of existing users in France and abroad, has made Mercure a standard in the field of telephone investigations in Police, Customs and Borders, and other government agencies. Multi-purpose solutions facilitating the analysis of itemised billings [a.k.a. CDRs], cell site dumps [a.k.a. BTS logs] and mobile phone memories and SIM cards, Mercure is now the tool of choice for investigators and analysts in specialised and transversal units.

The Solution's Key Strengths

1. A fifth-generation intelligent import engine

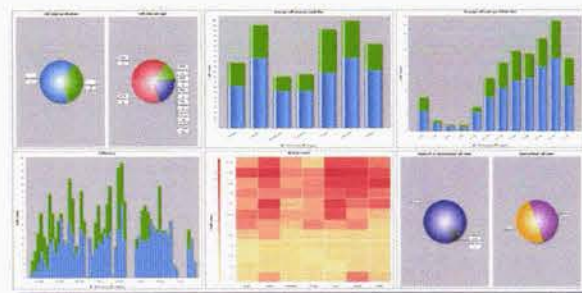


- Standardised number formatting
- Automatic processing of sources
- Itemised billings
- Cell site dumps
- Memory and SIM card extractions
- Subscribers' identities
- Cell site references and locations

Allowing

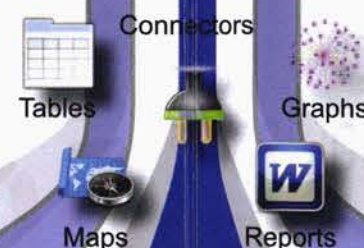
- ➔ Optimised data uploads
- ➔ More reliable analysis
- ➔ Significant increase in productivity and results

2. International format support



Over 250 phone formats automatically recognised
Extends analysis scope beyond borders
Critical in international trafficking and organised crime cases

Automatic processing of French, Swiss, Spanish, Australian and South African formats - Growing list of countries.



3. High call volume management

Ability to efficiently deal with all investigations, irrespective of size or complexity. Suited to high profile and national threat cases containing up to **millions of calls**. High performance queries on large data sets.

4. Deeply embedded domain expertise

More than 40 built-in queries which transform the most complex investigation techniques in one or two clicks.

- Large array of correlations between itemised billings, cell site dumps and extractions
- Middlemen search
- Phone line profiling
- Handset attribution
- Modus operandi search on crime scenes
- Groups on crime scenes
- Recon detection
- Shared IMSI/IMEI between suspects
- Patterns of life detection
- Close entourage identification
- Gang members' synchronised behaviours
- Repository queries



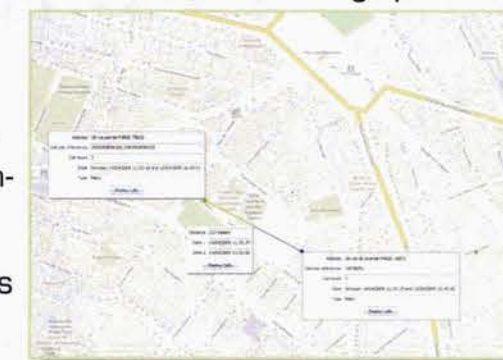
5. Simple and easy-to-use User Interface

Ease of use and simplicity make the application accessible to a large panel of investigators and field officers.

Standard training limited to 3 days only.
All functionalities available in a few clicks.
Built-in investigation queries (no programming language).

Numerous content visualisation techniques

- Link charting
- Common numbers charting
- Cell site profiling and mapping
- Temporal and spatial analysis
- Call locations geographic display
- Call density and heatmap analysis
- Itemised billings geographic matching
- Prepackaged analysis reports





Designed by investigators for investigators

a solution by



OCKHAM SOLUTIONS

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