

PatternTracer 2

AUTOMATED TELEPHONE CALL ANALYSIS



Accelerating Your Mission.

PatternTracer 2 provides a powerful extension to *Analyst's Notebook* to enable rapid pattern analysis of telephone call data to help quickly identify potential targets and predict and prevent future incidents.

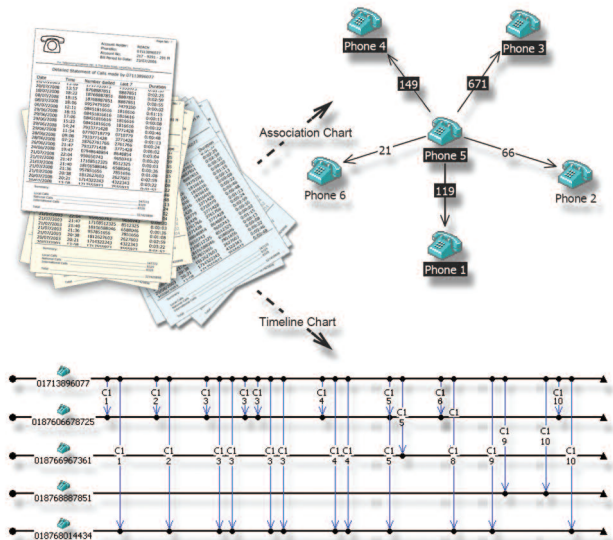
Telephone call data records can contain information and insights of crucial importance to investigations. The analysis of raw telephone data can identify hierarchies of criminal organisations, and potential targets; illuminate relationships between individuals and substantiate associations between known targets; and provide evidence of criminal networks.

PatternTracer is a powerful and efficient analytical solution that can rapidly analyse large volumes of call detail records to identify call clusters and uncover key players. *PatternTracer* extends *Analyst's Notebook* to display results as association and timeline charts allowing users to leverage the powerful analytical capabilities of *Analyst's Notebook* for further analysis.

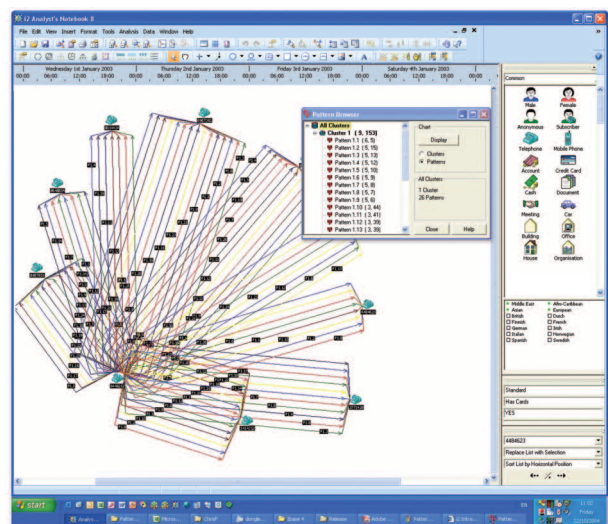
Greatly increase productivity for analysis of telephone call data

- Reduces manually intensive methods of identifying patterns with a simple, fast, automated solution
- Maximise the value of even a single phone billing by identifying the most likely targets from the patterns of calls
- Spend more time analysing results and less time searching through data

Reduces manually intensive methods of identifying patterns.



Perform advanced telephone call analysis to detect key clusters of information



Visualise the analytical results in *Analyst's Notebook* in familiar association or timeline layouts

Rapidly identify key intelligence in telephone call data

- Quickly identify potential targets from telephone call data
- Reduce the time to establish hierarchies, chains of command or weaknesses in target networks
- Highlight the existence of unknown players or communication channels
- Predict future incidents more accurately based on historical call patterns and proactively prevent the recurrence of criminal activity

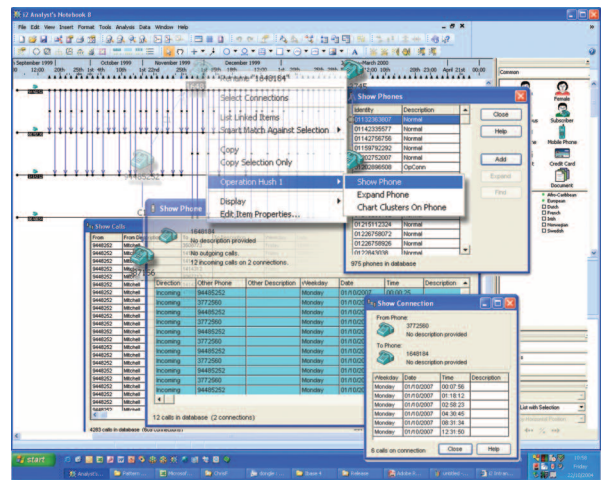
Effectively manage costs and target resources

- Reduce the quantity and cost of requests made to service providers by focusing on the billing data you require
- Make better informed decisions about where to commit resources for the next phase of an investigation through rapid pattern discovery

Maximise the value of Analyst's Notebook

- Extend Analyst's Notebook with dedicated telephone call pattern analysis
- Minimise end-user training and familiarisation costs
- Easily combine intelligence from telephone call data with other information to see the full picture

Quickly identify potential targets.



The cluster results are displayed and can be charted directly in Analyst's Notebook

PatternTracer enables you to:

- Identify telephone numbers of interest from unmanageable volumes of telephone data
- Identify communication patterns happening around events of interest
- Visualise identified clusters and patterns as association or timeline charts
- Automate pattern analysis tasks within telephone call data
- Import and store large volumes of telephone call data into a central PatternTracer call repository
- Query and re-query data stored in the PatternTracer call repository as new information is added
- Quickly identify repeating groups of calls (clusters) and patterns of calls within these clusters
- Work in the familiar environment of Analyst's Notebook and combine results with existing data

For more information see:
www.tovek.com