

TURNING DATA INTO ACTIONABLE INTELLIGENCE

MetaHub: Powerful Data Fusion

SS8's MetaHub helps to uncover a suspect's activities, habits and patterns of life through a combination of advanced query capabilities and the ability to ingest disparate data sources and query those as part of the investigation. Its communication forensic features dissect metadata (including message sender identity, recipients, date and time, duration, website URL, attachments) revealing patterns and allowing analysts to quickly identify suspicious behaviour and relationships. Maximising the value of available data.

MetaHub can import and store data from an array of external data source including:

- License Plate Readers / Automatic Number Plate Readers
- Bank Records
- Vehicle Registration Records
- Open Source Intelligence (OSINT) from an OSINT tool
- Digital Forensics
- Call Detail Records (CDRs)
- PDRs / ICRs (IP Detail Records / Internet Communication Records)

USE CASES



Communication Forensics



Data Import and Storage



Advanced Search

ACTIVE IN
35
COUNTRIES



COVERING MORE
THAN
1 BN
SUBSCRIBERS

6 OF THE
WORLD'S LARGEST
INTELLIGENCE
AGENCIES USE SS8

70% MARKET SHARE
US&UK

We are the top provider in the US and UK for
Mediation and Monitoring platforms

150 VENDOR
INTERFACES

Proven network equipment interoperability with over
150 vendor interfaces to expedite deployment.

Intellego[®] XT

SS8's Intellego XT Monitoring Centre platform provides superior data monitoring, fusion and analysis solutions to help Law Enforcement and Intelligence Agencies combat crime.



MetaHub may be used with the Intellego XT Monitoring Centre or as a standalone capability. MetaHub also allows investigators to visualise what is important via sophisticated analytics, link charts and dashboard views—and then to drill down into the details. Simple timeline, mapping, and event grid views help the investigator focus on what is important and see the whole context of the investigation.

ADVANCED SEARCH AND QUERIES

Users can automate searches to run in the background, freeing their time for other investigative tasks. These queries may be scheduled to run periodically or upon receipt of a communication event relevant to a particular case. When compared with manual analysis, automated results are far more accurate due to the tremendous volume of data being analyzed. Email or SMS message alerts may be established to notify analysts when results are received.

MetaHub provides sophisticated query capabilities enabling analysts to find the “needle in a haystack” amongst a massive amount of data. Regardless of skill level, analysts can choose the most appropriate query type to suit their needs. Search criteria may be as simple as a name or keyword or as complex as a long query with multiple operators such as, “find all occurrences of people downloading pictures from a website, between 9pm and 11pm where the file size is greater than 400KB”.

Finally, an analyst may choose to perform a “multi-query”—a special type of advanced query unique to SS8’s MetaHub. A multi-query can search for and find not just individual events (as is the case with other queries), but sequences of events that occur in a specified time period. Multi-queries are particularly useful in finding communications patterns. For example, if investigators believe two different suspects in a case are communicating using WhatsApp, a multi-query can find instances where both suspects’ phones are transmitting or receiving WhatsApp traffic simultaneously. Such ability to correlate different events in time is a significant advantage for investigators.

DATA IMPORT

MetaHub users have multiple options for importing external sources. The simplest method is via a GUI; users simply select a file from their client and MetaHub will scan the file and automatically determine the data types. No complicated Extract/Transform/Load (ETL) process is required. Once imported, SS8’s Intelligent Query Language automatically updates to provide access to new data fields introduced with the newly imported data. To automate updates, MetaHub scans a specified or dedicated file folder for new files. If found, any new files in the folder will be ingested automatically. A further option is to receive a UDP data stream from a trusted source.

WHY CHOOSE SS8 NETWORKS?

- A. It is our mission to provide the most advanced Lawful Intelligence solutions today, to assure a safer tomorrow.
- B. Our solutions are designed to exceed our customers' needs and help them successfully navigate the changing world of communication data.
- C. We expedite investigative results by combining and analyzing multiple data sources simultaneously, providing new levels of visibility

Learn how we can help you to make lawful interception simple, efficient, compliant and scalable:

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Lawful Intelligence Solutions