

Turn data into knowledge, fast

Discovering a previously unknown relationship between subjects of interest or a pattern of behavior across situations can provide the breakthrough you need to take decisive action. Discovering that intelligence quickly can dramatically affect the outcome of your operations. Until now making these connections across a sea of data has been cost prohibitive and time consuming. Introducing **ID | eureka** – a member of the **ID | intelligent discovery**TM family. A revolutionary product, **ID | eureka** is built on groundbreaking technology that makes fast, insightful pattern and relationship discovery across disparate data sets a viable reality.

Powerful tools for the analyst and investigator communities

Analysts or investigators can work with information in a graphical, tabular, geospatial or a timeline format to uncover key relationships and patterns. Information can be viewed at a macro-level, and drilled into to expose micro-level detail about a particular data element.

Leverage the collective brainpower of your team

Often times several members of your team are examining common information sources and uncovering their own findings. Our collaboration tools ensure that intelligence gathered and methodology used by one person can be leveraged by the entire team—all in real time.

Discover relationships between disparate data sets with powerful visualization tools

Benefits

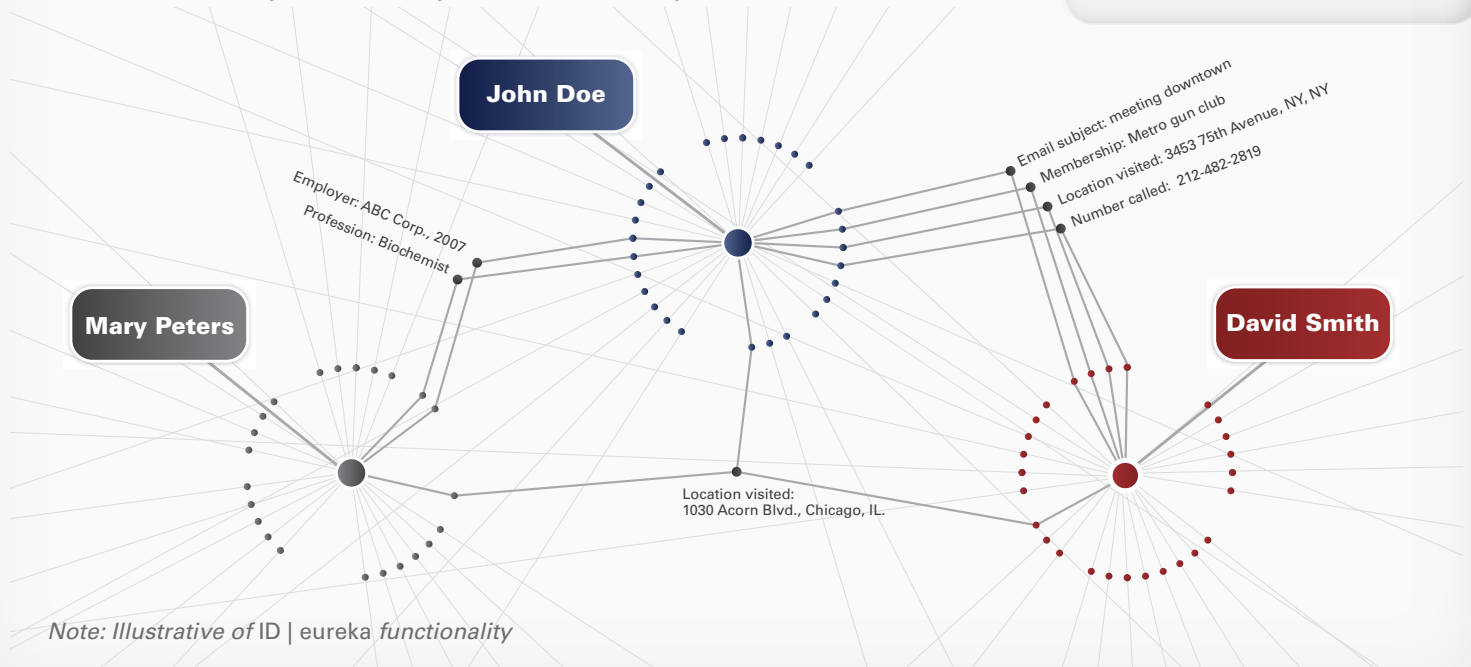
Create actionable intelligence in a rapid timeframe – from a powerful analysis tool kit built on a groundbreaking data engine.

Discover what you don't know you don't know – discover relationships and patterns across disparate data sources—intelligence that would have otherwise remained hidden.

Leverage existing database investments – we augment your databases, ingest their data and mine it for intelligence.

Collaborate and share analysis – saving time and leveraging subject matter expertise.

Gain insight from large amounts of data – with powerful visualizations and drill down capabilities.



Note: Illustrative of ID | eureka functionality

Features

ID | eureka puts the following capabilities at the fingertips of analysts and investigators:

Frequency Analysis – An easy to use graphical tool lets users rapidly gain valuable insights across one or multiple data sets by filtering relationships across a wide-range of characteristics.

Situational Fingerprinting – Advanced pattern analytics identify the unique “fingerprint” of patterns and relationships within your data. Powerful tools let analysts use fingerprints across massive data sets to quickly discover similar patterns and relationships that would have otherwise remained hidden.

Collaborative Capabilities – Better utilize subject matter expertise, drive ad-hoc collaboration, and reduce duplication of effort by leveraging tacit knowledge from team workflow and concrete findings from individuals.

Relationship Browsing – Every user is an analyst and can drive knowledge discovery using a browser-like interface to “surf” the connections and relationships within one or multiple data sets. IT assistance, database expertise, and extensive training not required.

Deep Dive Analytics – Discover knowledge while saving time by viewing macro and micro views of the data within the context of the entire data set.

Temporal Analysis – Discover new trends by viewing data across time.

Advanced Visualizations – Integration with commercially available and/or 3rd party applications creates powerful spatial, temporal or geospatial visualizations to meet specific mission requirements and aid knowledge discovery from existing data sources.

Selected Feature	Web Browser Interface	Rich Client Interface
Frequency Analysis	✓	✓
Situational Fingerprinting	✓	✓
Collaborative Capabilities	✓	✓
Relationship Browsing	✓	✓
Deep Dive Analytics	✓	✓
Temporal Analysis	✓	✓
Advanced Visualizations		✓

Table 1 – Pattern Relationship Discovery Feature Matrix

Powered by the Intelligent Discovery EngineTM

A groundbreaking platform built on patent-pending technologies. The engine ingests and normalizes disparate data sources and creates a data structure that facilitates powerful pattern matching and relationship discovery. This service-enabled platform is extensible through various plug-in modules and an open API (based on RESTful web services) that ensure interoperability in a variety of enterprise environments.

About Applied Technical Systems

Applied Technical Systems Inc. (ATS) is an innovative technology company with expertise in data analysis. Since 1980 ATS has helped government agencies and commercial clients arrive at better decisions through intelligent discovery solutions, total life cycle expertise for Naval operations, and a broad range of information engineering services. ATS’ clients include the U.S. Intelligence Community, Department of Homeland Security, Department of Defense and the Washington State Government. Headquartered in Silverdale, Washington, ATS has offices in Washington D.C. and Virginia.

Contact Us

3505 NW Anderson Hill Rd.,
Suite 200
Silverdale, WA 98383

P: 360.698.7100
E: info@atsid.com
W: www.atsid.com