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## Highlights

- Reduce the time required to deliver rich, actionable intelligence from disparate information
  - Identify connections, patterns and key intelligence that might otherwise be missed
  - Increase understanding of the structure, hierarchy and modus operandi of criminal and terrorist networks
  - Simplify the communication of complex data to support operational decision making
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# IBM i2 Analyst's Notebook

*Discover and deliver actionable intelligence to help identify, predict and prevent criminal, terrorist and fraudulent activities*

IBM® i2® Analyst's Notebook® offers a rich visual analysis environment designed to help analysts and their organizations turn large sets of disparate information into high-quality, actionable intelligence to help identify, predict and prevent criminal, terrorist and fraudulent activities.

A flexible data acquisition approach allows analysts to more quickly collate both structured and unstructured information to help build a single, cohesive intelligence picture. The flexible data model and visualization environment coupled with a wide range of visual analysis tools help users build multiple views for detailed network, temporal, statistical, or geospatial analysis and reduce the time taken to identify key connections, networks, patterns and trends that may exist.

The results gained from this detailed analysis can be shared via intuitive and visual briefing charts or visualizations that can be included in end intelligence products. These can simplify the communication of sometimes complex information and ultimately help to drive more timely and accurate operational decision making.

A technology road tested by over 2,500 organizations worldwide, Analyst's Notebook is designed to help government agencies and private sector businesses in their fight against increasingly sophisticated criminal and terrorist organizations.



Analyst's Notebook comprises of a wide range of analysis and visualization capabilities and offers users key benefits in the following areas:

### Flexible data acquisition

Analyst's Notebook offers a flexible approach to data acquisition. Analysts can piece together information from both structured and unstructured data sources into a single, cohesive intelligence picture. These data types can include call records, financial transactions, computer IP logs and mobile forensics data, as well as unstructured information gathered from disparate sources.

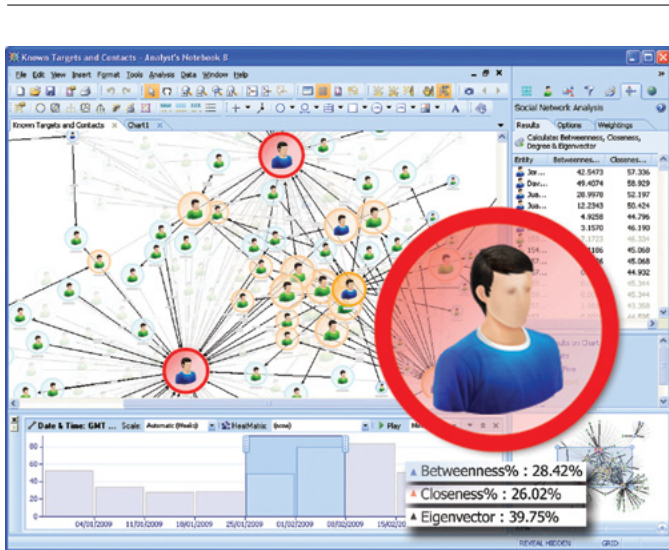


Figure 1: More quickly identify key individuals within target networks with social network analysis

### Flexible data modeling and visualization

Analyst's Notebook is designed to provide users with a highly flexible data modeling environment. Users can represent information in a variety of ways, including the ability to model their data as association networks and timeline views to best suit the analysis task at hand – and help drive effective analysis and dissemination of key intelligence. Analysts can work with a wide range of data sets including social networks, communications data, financial transactions and intelligence reports.

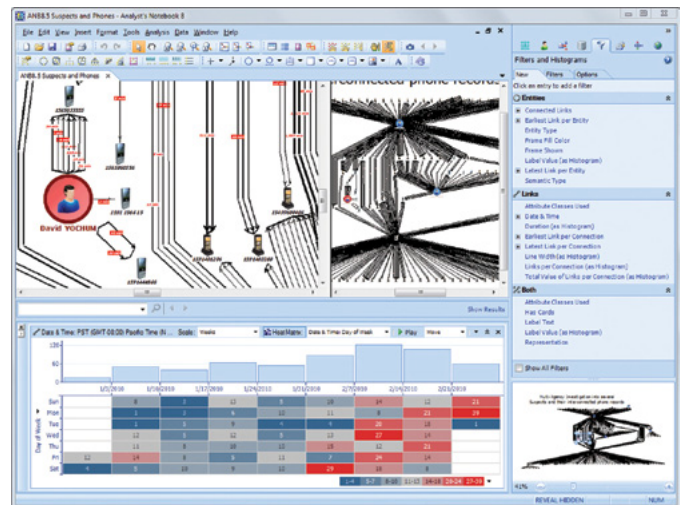


Figure 2: Identify and highlight relevant information faster with a powerful range of analysis and visualization capabilities

### Extensive visual analysis capabilities

Analyst's Notebook delivers a wide range of visual analysis capabilities designed to help analysts quickly convert large volumes of data into high value intelligence. Users can drill down into data sets to identify areas of interest or connections, patterns and trends. A better understanding of the structure, hierarchy and modus operandi of criminal and terrorist networks can also be gained from utilizing methods such as social network analysis.

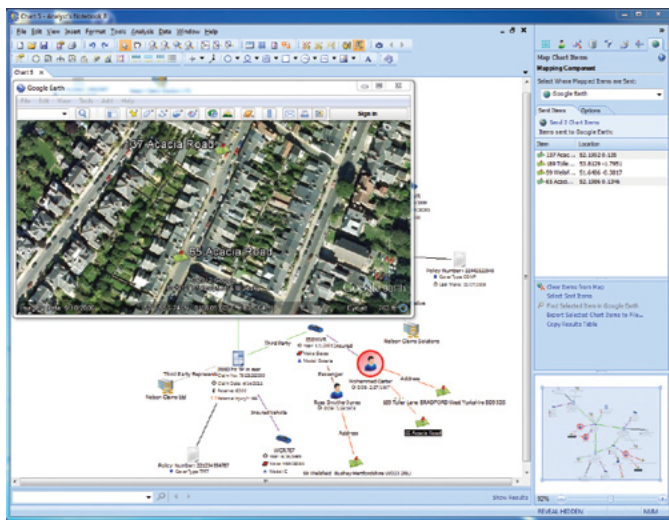


Figure 3: Geospatial data visualization<sup>1</sup> adds another data dimension to aid comprehension

### Simple communication of complex data

Analyst's Notebook offers users the means to capture and organize their data. They can create clear, intuitive briefing charts, or simply include information in other reports, to support the effective dissemination of key information. Data can also be shared with non users via IBM® i2® Chart Reader, a freely available product that provides read-only access to charts which can then be navigated, searched or printed.

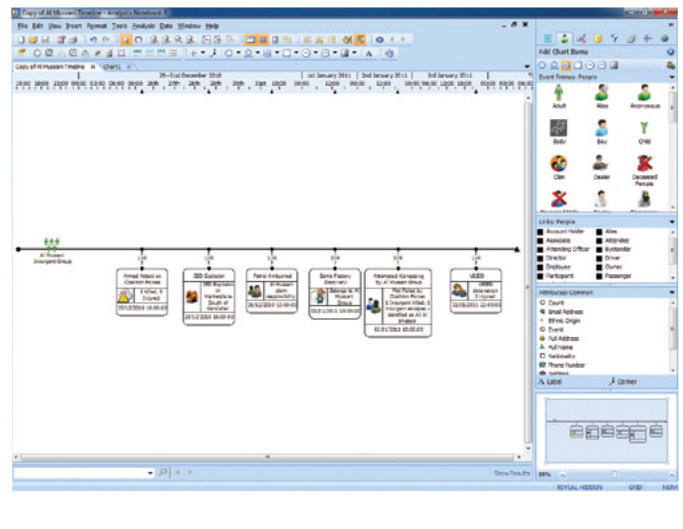


Figure 4: Multiple methods of representing information within a chart to support dynamic thought processes

### Flexible deployment model

Analyst's Notebook can be deployed standalone or in thin-client server environments. Organizations can further extend the capabilities of Analyst's Notebook by integrating it with other IBM i2 solutions designed to support evolving organizational needs, including the ability to connect to other IBM i2 technology based, or internal, data repositories.

## Analyst's Notebook can help users:

- Acquire data from disparate sources in order to piece together a coordinated picture that allows for an effective, more accurate analysis of available information.
- Establish key “who, what, where, when and why” information by analyzing and visualizing data in multiple ways including association, temporal, geospatial, statistical and spreadsheet views.
- Identify connections, patterns, trends and key intelligence within a wide range of data types that might otherwise be missed.
- Discover duplicate information within data by leveraging intelligent semantic smart matching capabilities.
- Increase understanding of key individuals or groups within criminal and terrorist networks and the roles they may play, helping to guide future operational planning and resource allocation.
- Create clear and concise briefing charts to simplify the communication of complex data in support of more timely and accurate operational decision making.

## For more information

To learn more about IBM i2 Analyst's Notebook, please contact your IBM representative, or visit: [ibm.com/i2software](http://ibm.com/i2software)

To learn more about all of the IBM Smarter Cities solutions, visit: [ibm.com/smartercities](http://ibm.com/smartercities)



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- 1 Geospatial data visualization requires the availability of third party applications which are subject to separate license terms.



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