



## The Next Generation in Visualization and Analysis Software

Sentinel Visualizer provides a powerful new generation of visualization and analysis capabilities. With a wide variety of tools, Sentinel Visualizer allows you to find new insight, patterns, and trends hidden in existing data leading to accurate and actionable intelligence.

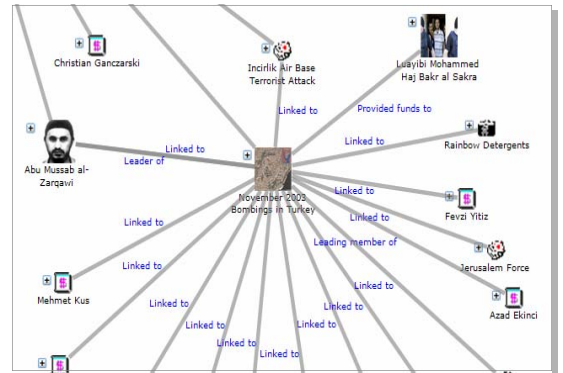
### Visualization

With Sentinel Visualizer visualization tools you can:

- Find hidden relationships
- Quickly identify clusters and patterns
- Perform ad-hoc analysis
- Organize complex networks

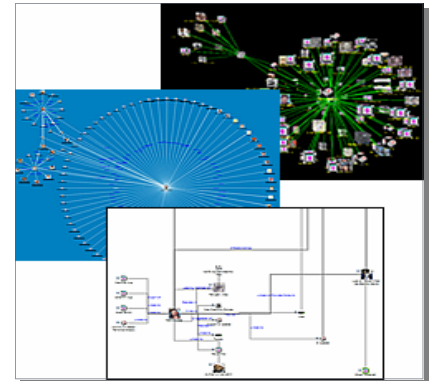
### Flexible Visualizations

Sentinel Visualizer provides 2D and 3D network link chart visualizations. Automatically build network charts with complete control over layout and appearance. Query the knowledgebase for entities and relationships, and the system automatically organizes the data into a coherent and visually clear network. With Visual Styles, you have complete control over every aspect of appearance, including images, colors, fonts, and line styles. Full support is also included for panning, zooming, and ad-hoc data analysis.



### Direct Knowledgebase Integration

Since the visualization surfaces are directly connected to your knowledgebase, you have immediate access to comprehensive information about any object in the network. Click on an entity and display comprehensive narrative and metadata content. The Details pane provides quick access to the key data points for entities and relationships.



### Automated Analysis

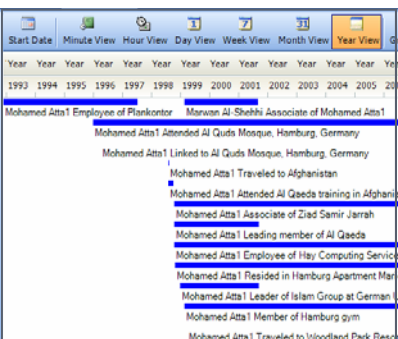
With Sentinel Visualizer Automated Analysis you can:

- Automatically identify central players
- Use Social Network Analysis

### Network Metrics

Sentinel Visualizer includes Network Metrics—our advanced technology for identifying, grouping, and ranking complex inter-related data. With a foundation in Social Network Analysis (SNA), our system provides the ability to rank centrality, importance, and other key metrics even within large complex datasets.

| Name                      | Type               | Degree | Betweenness | Closeness   | Eigenvalue | Hub    | Authority |
|---------------------------|--------------------|--------|-------------|-------------|------------|--------|-----------|
| Osama bin Laden           | Person             | 44     | 1           | 1           | 0.7071     | 0      | 0.7071    |
| Abdallah Al-Halabi        | Person             | 1      | 0           | 0.560606... | 0.0049     | 0      | 0         |
| Abu Mussab al-Zarqawi     | Person             | 3      | 0           | 0.632478... | 0.0049     | 0.7071 | 0         |
| Al Qaeda                  | Terrorist Organiz. | 1      | 0           | 0.560606... | 0.1254     | 0      | 0.2887    |
| Ayman Al-Zawahiri         | Person             | 1      | 0           | 0.560606... | 0.0049     | 0      | 0         |
| Enaam Arnaout             | Person             | 1      | 0           | 0.560606... | 0.0049     | 0      | 0         |
| Imad Eddin Barakat Yarbas | Person             | 1      | 0           | 0.560606... | 0.0049     | 0      | 0         |



### Temporal Analysis

Sentinel Visualizer provides a powerful Time Range interface that hides or shows data based on a time slider control. Temporal Analysis makes it easy to see how networks form, change, and interact with each other over time. This capability allows you to spot patterns and predict actions and behaviors.



# Geospatial Analysis

With Sentinel Geospatial Tools you can:

- Visualize entities and relationships on a map
- Perform geo-query operations to find data by region
- Filter visualization data by area
- Store and manage geospatial data



## Flexible Data Access

Use the geospatial view to see network data on a map. Use the geo-filter button to hide or show data based on your criteria. Use the geo-query to find new data based on geographic areas. The geospatial visualizations support raster and vector modes.

# Data Management and Collaboration

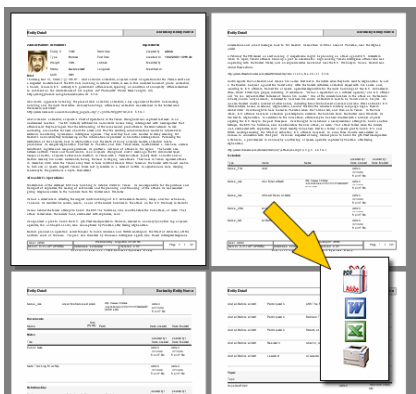
The Sentinel Visualizer multi-user system makes it easy for your entire team to:

- Organize and store a rich array of data types
- Quickly import data from a comprehensive variety of data sources
- Find data you are looking for with name disambiguation features



## Flexible Data Access

The Sentinel Visualizer Knowledgebase makes it easy to store and manage any type of data. You can work with people, places, organizations, email addresses, companies—virtually any data type. You can also add your own metadata types to the system for complete flexibility. Search options make it easy to find the data you need. Use our Search Assist feature to find items by name, even when you aren't sure of spelling or non-English name variations—all possible through our phonetic matching capabilities.



## Reports and Sharing

The system is fully multi-user capable, and allows you to build reports and presentations. Data sharing is automatic—users have access to information through a secure logon environment. Track changes by users, and make personal copies of analysis and visualization data. Sharing data with non-Sentinel users is also easy: export data in a variety of formats, including Word, Excel, PDF and web pages.

## Get Started Today!

- Visit [www.fmsasg.com](http://www.fmsasg.com) for product information, whitepapers and product tour
- Download the 45-day trial version

