COGITO® Intelligence Platform

While their goals may differ, intelligence analysts around the world face the same challenges: How to examine large volumes of ever-changing data and find the most useful information in time?

The Cogito Intelligence Platform is the Expert System suite that applies semantic analysis to support analysts and knowledge workers in all phases of the intelligence cycle, enabling the discovery of information patterns and connections with a variety of visualization options.

By combining superior text analytics and domain ontology capabilities with the ability to search and manage large quantities of data from documents, multimedia, audio streams, web pages and social networks, the Cogito Intelligence Platform incorporates the best software components for speech analysis, GEO mapping, deductive algorithms and advanced visualization systems with a proven approach for intelligence data management solutions you can depend on.

The Cogito Intelligence Platform is trusted by clients world wide to provide unparalleled intelligence data management solutions that can be quickly modified and are customizable to meet your intelligence needs.

The Cogito Intelligence Platform is not only an analysis engine, but a powerful mix of tools that can be combined to give analysts the best technology to analyze information. The results can also be displayed as a geographical map, which can be used to interact with the data.

Benefits:

■ Efficiently supports the processes of Exploitation and Evaluation of large quantities of data;

■ Instruments offer flexibility for customization to meet the needs of Intelligence Analysts;

■ Easy integration with other, specialized software modules, designed by third parties;

■ Able to acquire data from the most popular data and multimedia sources (RSS, XML, search engines, etc.) and from the main types of databases;

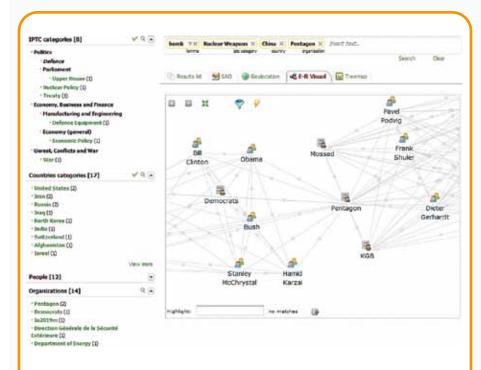■ A suite of products designed by Intelligence specialists for Intelligence data analysis.

COGITO®

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Key Features

The Cogito Intelligence Platform combines a powerful analysis engine with a rich mix of analytical tools that give a strategic advantage to your intelligence efforts. It includes:

- Semantic analysis modules for the automatic classification of multilingual text content;

- Powerful analytical engine that automatically detects alerts and warnings;

- Visualization tool for results, including a 'customized ranking' feature;

- Instruments for interactive analysis and data correlation;

- Entities and relations are automatically organized into a database;

- Instruments to customize the semantic knowledge component and to define the rules for text mining and classification;

- Data acquisition from the main databases and the creation of case method analyses with deductive algorithms and neural networks.

As part of the text analysis process, Cogito can also automatically extract entities, events and other relevant concepts and automatically generate an interactive graphic for visualizing and filtering results.

An example of automatic classification (see the categories highlighted inside the picture) based on a text taken from the Al Jazeera web site.

EXPERT SYSTEM

Expert System is the leading provider of semantic software that discovers, classifies and interprets text information. All Expert System products, which are based on the patent pending technology COGITO®, leverage the company's expertise in the development of business solutions for the primary markets (i.e. Automotive, Consumer Electronics, Oil & Gas, Media, Mobile, etc.) and support the activities of Knowledge Management, Customer Care and Intelligence. Worldwide customers include Eni Group, Pirelli, ANSA, Telecom Italia, Microsoft, BNP Paribas, the Italian Ministry of Defense and the Ministry of Interior Affairs.
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EXPERT SYSTEM
SEMANTIC INTELLIGENCE