WISE INTELLIGENCE TECHNOLOGY

Technology solution supporting organizational doctrine and improving the intelligence process
WiT™ provides advanced tools for supporting every stage of the intelligence process, from planning and direction, to collection, processing, analysis and evaluation, dissemination and re-evaluation.

**STAGE 1: Collection via Dynamic Data Gateway**
WiT™ is capable of acquiring and processing data from a wide variety of sources and formats.
- **Rapid Data Reception:** Humint, Sigint, Osint and Imint
- **Processing:** Adaption and conversion to a common format
- **Single Database:** All collected data is stored in a single local repository

**STAGE 2: Processing and Enriching Raw Data**
WiT™ is capable of processing unstructured and structured data, to create a fully integrated situational awareness picture. Tools and capabilities include:
- **Entity Management:** Entity creation and updates
- **Entity Extraction:** Extraction of common entities from unstructured text
- **Cataloguing:** Adds key words and categories to incoming information
- **OCR Scanning:** Data conversion from unstructured formats
- **Translation:** Supports a wide range of languages
- **Geographic Anchoring:** Anchors data to geographic locations

**STAGE 3: Analysis and Evaluation**
WiT™ renders the processed information into a comprehensive intelligence picture. Advanced research and analysis tools include:
- **Information Retrieval:** Locates relevant information
- **Geographic Search:** Identifies and searches information in a geographic context
- **Link Analysis:** Researches and displays connections between entities
- **Reports:** Creates dynamic data and statistical reports
- **Data Mining:** Identifies hidden patterns from within the detailed data
- **Aggregated/Federated Search:** Retrieves information from a wide variety of data sources
- **Alerts:** Identifies new incoming information or specific updates regarding an entity
- **Time line:** Displays events sequentially

**STAGE 4: Intelligence Products and Role-Based Dissemination**
WiT™ enables the creation and dissemination of intelligence products. The intelligence products and dissemination capabilities include:
- **Operational Intelligence Records:** Detailed up-to-date comprehensive briefings, includes actionable insights and suggestions
- **Intelligence Reports:** Reports tailored to operational and command personnel
- **Gap Analysis and Targeting:** Identify information deficits, to continue the intelligence gathering process
- **Routing:** Intelligence is distributed according to policies defined by management or command personnel
- **Portal:** Information is published to intranet portals

The Challenge - Converting Data to Intelligence
National security requires effective intelligence and accurate situational awareness. Relevant, actionable and timely information is required to successfully tackle a broad range of threats including war, crime, terror, political subversion, illegal immigration and smuggling. The vast amounts of collected data, combined with their resulting organizational issues, impede timely and accurate situational assessments. The challenge faced by intelligence organizations is to improve the workflow that supports decision making and operational activities based on up-to-date, near real-time integrative and actionable intelligence.

The WiT™ solution brings together the experience gained by Elbit Systems Intelligence Division into a comprehensive solution for intelligence organizations. WiT™ is a end-to-end solution which includes the reception, adaption and conversion of intelligence data from multiple collection sources, databases and sensors; processing; assisting intelligence personnel in the analysis and evaluation of information; and ultimately disseminating intelligence to the intended recipient.

WiT™ is one of the few solutions to be field proven, fully operational and customizable.
WiT™ is based upon the integration of numerous components, each foremost in their respective fields. WiT™ is architected in a modular manner such that each component may be replaced or upgraded over time.

Modular system:
WiT’s flexible and modular architecture can be expanded with additional functionality and integrated with other databases and intelligence systems.

Service-oriented architecture (SOA):
Enables the optimization of resources by allowing the system to expose its functionality as services to external systems and utilizes functionality from external systems.

User experience:
Includes an advanced and fully customizable user interface that combines advanced processing and analysis tools with ease of use and a familiar look-and-feel.

Security:
WiT™ includes sophisticated security mechanisms for the robust protection of data and information sources as well as safeguards against internal and external threats.

Management, monitoring and review:
A combination of tools that enable real-time monitoring of the system status and handling of system failures.

Databases:
Central data repositories that are capable of accumulating a broad range of entities and data types based on a relational database management system (RDBMS).

Document life cycle:
A built-in document life cycle management system and central data repository supports document creation, editing, signing, revision, disseminating and archiving. The system also includes workflow tools to automate procedures and information flow within the organization.
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