

SAP HANA® + Babel Street – The Power of Real-Time Data Discovery and Cross-Lingual Search

SAP HANA

SAP HANA is a revolutionary “in-memory” database and computation engine that enables major performance improvements in complex computing operations such as those typically found in U.S. defense, intelligence and cyber security missions.

SAP HANA combines database, data processing, and application platform capabilities “in-memory,” which means that memory on spinning disks is not part of the computational chain. Instead, HANA uses the CPU itself to enable processing speeds that are 60 to 100,000 times faster than what is possible with traditional computing architectures.

BABEL STREET OVERVIEW

Babel X® is a best-of-breed linguistics and text analytics tool. The platform offers a unique cross-lingual searching capability. Users enter search terms in their language of choice to retrieve multi-lingual results. Babel X translates in every major world language and renders sentiment in 18 languages.

Babel X is a multi-lingual, geo-enabled, text-analytics social media and web-monitoring platform designed to meet the needs of national security, law enforcement, and commercial organizations. Babel X generates real-time, actionable intelligence by persistently monitoring and simultaneously analyzing multiple social media channels and other public data sources through advanced statistical, linguistic, and crowd sourcing techniques.

SAP HANA OFFERS A HUGE RANGE OF CAPABILITIES IN AN INTEGRATED, COST- SAVING PLATFORM:

- Predictive analysis library of formulas and algorithms
- Natural Language Processing for unstructured text
- Geospatial analysis
- Graph engine for link analysis
- In-memory calculation engine for mission-specific functions and algorithms
- Event Stream Processing for real-time streaming data
- Seamless Smart Data Access™ to Hadoop and on-disk databases
- Open Standards connectivity to existing front-end tools
- Multi-billion record queries at the speed of thought.

Babel Sentry® provides customers with world class analysts running Babel X to provide actionable intelligence and direct support to customers. This service includes production of analytical products, indications and warnings, and tailored insights to answer customer requirements.

USE CASES FOR SAP HANA + BABEL STREET SOLUTIONS

National Security

- Situation awareness
- CT / CI
- Indications and warnings

Law Enforcement

- Event monitoring
- Investigative support
- Officer safety

Commercial

- Insider threat
- Counterfeit goods
- Executive protection
- Brand monitoring

Collect data based upon user-driven requirements, and generate precise search results, multipoint analyses, and alerts across hundreds of languages - all from a single console.

Babel Street Differentiators

- Cross-lingual search in 200+ languages
- Automatic translation
- 28+ Social media sites
- Proprietary web crawler
- Persistent monitoring
- Real-time data processing
- Link Analysis

ABOUT SAP NS2

SAP National Security Services, Inc. (SAP NS2®) is an independent, 100% U.S. subsidiary of the global enterprise software company, SAP, offering a full suite of world-class enterprise applications, analytics, database, cyber security, cloud, and mobility software solutions from SAP, with specialized levels of security and support to meet the unique mission requirements of U.S. national security and critical infrastructure customers. In addition to software solutions, SAP NS2 offers secure support and consulting services from credentialed experts in the national security space. Learn more at www.SAPNS2.com.

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ABOUT BABEL STREET

Babel Street is a virtual data interpreter, allowing source location, language, and sentiment to inform search and analysis. Babel Street creates a 360° panorama of your data landscape, allowing you to collect, analyze, monitor, and report on information from online and private electronic sources. With Babel Street solutions you get the most powerful and sophisticated technology available for e-data search, analysis, and more. Learn more at <http://www.babelstreet.com>.

FOR MORE INFORMATION:

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