

**SAPIENS
DECISION**

Sapiens DECISION InfoHub

Capitalize on the Big Data Opportunity

Today's enterprises are dependent upon effective and efficient data management. But data management tools are often too slow, costly and complex, not to mention their security weaknesses. Maintaining huge amounts of servers, disaster recovery and mass data breaches are just some of the headaches enterprises are experiencing. They seek a business-friendly data management platform that can handle Big Data workloads and increase efficiency, without discarding extensive current investments and knowledge bases.

Introducing Sapiens DECISION InfoHub

Sapiens DECISION InfoHub is a unique distributed data management platform. It is the only solution on the market to combine the power of data management tools with SQL on fully distributed architectures, such as Cassandra.

InfoHub provides a virtual, business-friendly representation of information sources necessary to execute operational

decisions. It efficiently collects, transforms and enriches data from heterogeneous, large and complex environments. InfoHub is an integral component of the Sapiens DECISION Suite because it manages all the information, data and integration capabilities necessary for enterprise Decision Management projects.

A complete suite of data management tools are provided to create a repository of logical entities. With Sapiens DECISION InfoHub, you can leverage your existing investments in data technologies by opting to still use full SQL and NoSQL together in one data management environment.

With our solution, you can easily define migration paths, mask data for security reasons, or assign data to distributed targeted areas. With easy data implicit to the design, SQL capabilities are built-in with full support for all related tools and adapters.

Business Benefits

Sapiens DECISION InfoHub offers significant, tangible business benefits.

- **Increased Processing Performance** – InfoHub is proven to be thousands of times faster than current database technologies in multiple industries across disparate use cases.
- **Unmatched Security** – every piece of data is individually encrypted at all times, rendering mass data breaches impossible.
- **Significantly Reduced TCO** – running on commodity servers reduces hardware costs. Data compression reduces the number of servers required.
- **High Availability** – the need for constant data movement and file transfers, which can cause downtime, is eliminated via commodity servers.
- **Far Simpler Operations** – eradicating pain-points such as backups, archiving and disaster recovery leads to hassle-free data administration.
- **Seamless Integration** – automated integration with the Sapiens DECISION glossary, synthesizing the business-friendly decision management environment in DECISION and the complex world of Big Data.



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Enhanced Features and Capabilities

Sapiens DECISION InfoHub offers enhanced features and capabilities:

Distributed Database Layer

DECISION InfoHub is integrated with one of the most widely-used Big Data architectures – Apache Cassandra. Using Cassandra as a distributed database layer, InfoHub is designed to handle Big Data workloads across multiple nodes, with no single point of failure. It supports linear scalability on standard hardware for better performance and lower total cost of ownership.

Full SQL and Standard Connectors

Moving to a distributed environment doesn't mean you have to discard significant current investments and knowledge bases. Many current Big Data solutions require extensive development to integrate into a pre-existing IT ecosystem, because they use non-standard NoSQL interfaces. We understand how difficult, costly and time-consuming it can be to implement any change across hundreds of applications. For that reason, InfoHub supports full SQL and standard connectors, guaranteeing virtually no changes are required on the application side.

Logical Unit Data Representation

The relational table model in which data is

represented in traditional and distributed databases has not changed in more than 40 years. Rather than having to connect to many different systems (CRM, billing, etc.) and then scan through a multitude of tables, InfoHub stores data cogently in one logical unit. This revolutionary model not only allows for excellent performance, but also supports flexible synchronization and enhanced row-level security.

Flexible Synchronization for Risk-Free Integration

No database is an island. InfoHub was designed from the ground-up to seamlessly and efficiently fit into complex, heterogeneous data environments. The AlwaysSync™ function allows you to decide the frequency of data synchronization. It also has embedded ETL capabilities for quick connection to existing source systems. Flexible synchronization makes InfoHub integration risk-free.

Embedded Web Services

Databases are only as valuable as the access to the data within them! Alternative solutions define web services by adding an extra layer for data access. With InfoHub, every function used on the logical unit database can be marked as a web service and made seamlessly available to user applications. Additionally, our user-access control suite allows different restrictions on each web service, anywhere that data is

stored (logical unit instance, specific field, etc.). The result is new web services or APIs built, tested and deployed in hours.

Massive Parallel Processing

While InfoHub distributes your data for easier storage and administration, it also distributes your applications across its node processing engine, executing every transaction in-memory for optimal performance. Map-Reduce algorithms are used for analytics queries, allowing massive parallel processing, performing thousands of times faster than conventional databases.

Enhanced Security

InfoHub's logical unit approach allows for the provision of unseen data security features. Using its proprietary Hierarchical Encryption Key Schema (HEKS), InfoHub is able to encrypt each logical unit instance with a different encryption key to prevent massive data breaches and to provide complete control over your information. InfoHub further delivers a full suite of user-access controls for data access on each service, as well as a field-proven masking functionality for sensitive data.

Easy Administration

A well-designed and intuitive GUI makes configuring, monitoring and administering the InfoHub database management system easy.

About Sapiens

Sapiens International Corporation (NASDAQ and TASE: SPNS) is a leading global provider of software solutions for the insurance industry, with an emerging focus on the broader financial services sector. Sapiens offers core, end-to-end solutions to the global general insurance, property and casualty, life, pension and annuities, reinsurance and retirement markets, as well as business decision management software. The company has a track record of over 30 years in delivering superior software solutions to more than 170 financial services organizations. The Sapiens team of approximately 1,500 professionals operates through our fully-owned subsidiaries in North America, the United Kingdom, EMEA and Asia Pacific. For more information: www.sapiens.com