

SimbaEngine SDK & suite of ODBC drivers



Headquartered in New York City, Sisense simplifies business analytics for complex data. It enables non-technical business users to manage, analyze and visualize growing data sets from a multitude of disparate data sources.

OBJECTIVE

Overcome the challenges of big data, allowing business users to seamlessly connect to disparate data sources.

This involves enabling non-technical users to join multiple large data sets and build smart dashboards with data visualizations, sharing them with thousands of users for a variety of business insights.

CHALLENGES

The Sisense mission is to give business users access to and control of their data with a powerful yet simple-to-use business analytics platform that can handle extreme volumes of data in a flash. However, data is rapidly changing and becoming more complex, especially in terms of data generation.

A key complexity is that big data has three dimensions: volume, velocity and variety. Handling these multi-dimensional data types is difficult for existing relational database management systems, and desktop statistics and visualization packages. As a result, connecting to data is an ever-changing problem and a moving target.

Sisense sought to find a more efficient way to deliver better data connectivity while allowing their best engineering talent to remain focused on its core product.

// *Magnitude Simba solutions were a natural choice as the drivers are trusted by the data source vendors and guaranteed to be compatible with any data source.*

Business users can connect their Sisense BI tool seamlessly to their disparate data, enabling them to analyze billions of rows and extract insights from these data sets with unparalleled speed and smooth performance without having to write code. //

Boaz Farkash
Head of Product
Management, Sisense

RESULTS

Sisense overcame its challenges to handle big data. The combined Sisense and Magnitude Simba offering delivers powerful new analytical capabilities. Business users can now connect their Sisense BI tool seamlessly to popular big data sources like MongoDB and Google Big Query, enabling them to analyze billions of rows and extract insights from these data sets with unparalleled speed, smooth performance and all without having to write code.

Adding ODBC connectivity from Magnitude Simba allows Sisense business users to query unstructured data directly via SQL. Business users can transform raw data into actionable dashboards and generate immediate insights in an intuitive, end-user oriented interface. Sisense allows for this data to be mashed up from a multitude of sources with unprecedented speed and ease.

In today's fast-changing world, gaining a competitive edge requires understanding and utilizing a multitude of new data sources to glean trusted insights. The enhanced Sisense analytics solution now lets non-techies join multiple large data sets, build smart dashboards with data visualizations, and share with thousands of users with no scripting knowledge required.

SOLUTION

In evaluating its options, Sisense chose Magnitude Simba for its suite of ODBC drivers and SimbaEngine SDK, plus Sisense's own ODBC driver that allows connectivity to a number of applications. Thorough testing of the drivers and Magnitude's technical assistance with the allowed Sisense to quickly build their own custom ODBC driver, which made the business case a no-brainer.

The single most important reason influencing Sisense's decision is the fact that Magnitude Simba is the de facto standard for ODBC and JDBC connectivity. According to Sisense, this was a natural choice as the drivers are trusted by the data source vendors and guaranteed to be compatible with the latest versions of the data source. Built on the common foundation of technology, the drivers provide consistent, standard-compliant interface with predictable behavior across a wide range of data sources.

About Simba

Simba is the industry choice for standards-based data access and analytics solutions, and for innovation in data connectivity. Our reputation as the connectivity pioneer means we're the preferred partner for SDK—ODBC and JDBC— and our technology is embedded into today's most popular BI and analytics applications.

A subsidiary of Magnitude Software, the unified data application management leader, Simba provides connectivity solutions that are pivotal to the vast operational efficiencies delivered by the Magnitude portfolio of products.



Ask for details:

- Reduce development costs, complexity, and risks
- Accelerate time to market
- Increase developer productivity

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