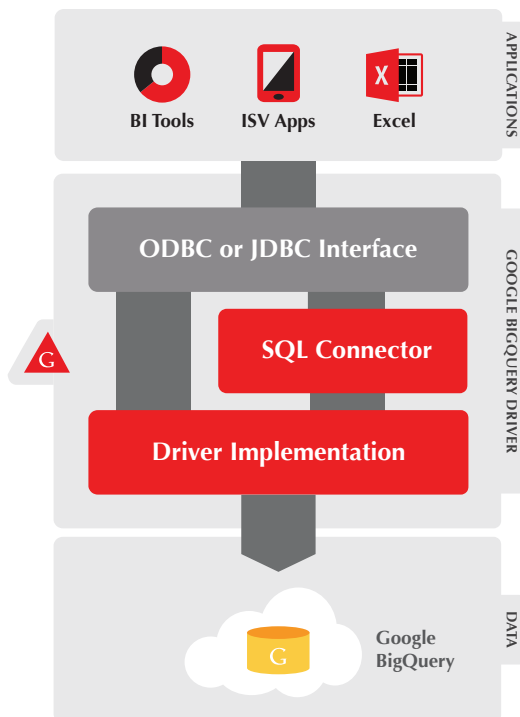


No other solutions are as advanced or BI ready

ODBC & JDBC Drivers for Google BigQuery

Access, analyze, and report on BigQuery data with your SQL-based BI tool of choice.



Magnitude's Simba ODBC and JDBC drivers with SQL Connector for Google BigQuery provide you full access to BigQuery's Standard SQL.

The solutions deliver full application functionality and real-time analytic capabilities to users. They are backed by Magnitude's Simba reputation as the world's leading independent expert in ODBC and JDBC development.

Magnitude's ODBC & JDBC Drivers with SQL Connector for BigQuery are built on the SimbaEngine SDK driver development framework – the industry's leading ODBC and JDBC toolkit for high-performance ODBC and JDBC driver development. As a result, they comply with the latest ODBC 3.8 and JDBC 4.2 data standards as well as add functionality such as Unicode and 32- and 64-bit support for high-performance cloud computing environments.

How It Works

Magnitude's Simba ODBC and JDBC drivers with SQL connector for Google BigQuery leverages Simba's deep ODBC, JDBC and SQL expertise to efficiently map SQL queries as necessary to work on BigQuery for SQL-based analytics and reporting. Any SQL-based BI, analytics or reporting tool can easily connect and quickly add value without extra development effort.

BigQuery uses a subset of SQL-92. Magnitude's Simba ODBC and JDBC drivers with SQL connector interrogate BigQuery to obtain schema information to present to the connected SQL-based applications. Queries, including joins, are translated as necessary to work on BigQuery. If a query is supported by BigQuery, Magnitude's solutions are configurable to pass it through.

Product Highlights

- Powerful SQL Connector allows users to define schemas on the fly on schema-less data
- Direct BI connectivity to data without extraction.
- Full compatibility with leading analytic/reporting apps.
- Maps SQL-92 to BigQuery's SQL subset.
- Supports query pass-through for BigQuery-aware applications.
- Provides full driver and query metadata.
- Complies with the latest ODBC 3.8 and JDBC 4.2 data standard.

Product Features

- Powerful SQL Connectors allows users to define schemas on the fly on schema-less data.
- Full compatibility with leading analytic/reporting apps, including Microsoft Excel & Access, Tableau, Power BI and more.
- Support query pass-through for BigQuery-aware applications.
- Transfer data over secure connections with BigQuery via SSL.
- Map ANSI SQL-92 to BigQuery's SQL subset.

Product Specifications

- Support 32- and 64-bit applications.
- ODBC Driver compliant with the latest ODBC 3.8 specification.
- JDBC Driver compliant with the latest JDBC 4.2 specification.
- Support Unicode.
- Optimized metadata retrieval for SQLTables and SQLColumns.
- Optimized support for Windows (Windows XP SP3 and newer, 32- and 64-bit editions).
- Support ANSI SQL-92: SELECT, JOIN, WHERE, HAVING, GROUP BY, ORDER BY, TOP and most SQL-92 scalar and aggregate functions.
- Support BigQuery's SQL subset: SELECT, HAVING, WHERE, GROUP BY, ORDER BY, LIMIT, CASE and all functions.
- Support all BigQuery data types (STRING, INTEGER, FLOAT, BOOLEAN, TIMESTAMP).



To connect data sources and applications for anytime, anywhere access, turn to Magnitude's Simba connectivity solutions.

Dive deeper into this topic or contact us today at solutions@simba.com or **1.604.633.0008**. Visit our websites: www.magnitude.com www.simba.com

About Magnitude

Magnitude Software leads the way in delivering corporate performance insights with solutions for corporate performance management (CPM), master data management (MDM) and data connectivity in heterogeneous environments. The Company's software and solutions drive real business results for hundreds of thousands of users around the globe. Magnitude's family of award-winning applications includes business intelligence, data warehousing, master data management, analytics and reporting, plus our Simba connectivity solutions.