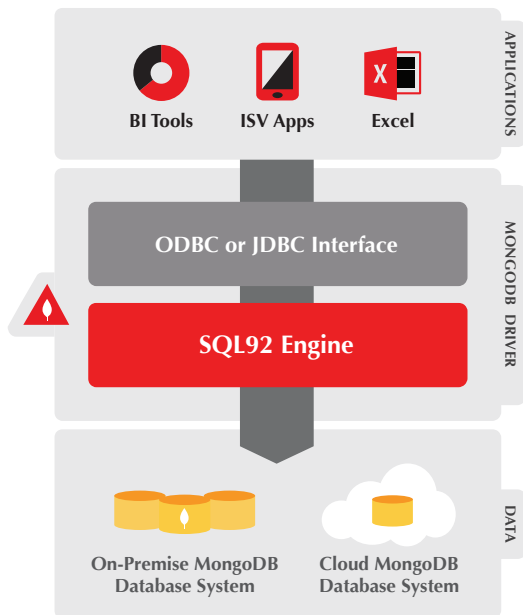


SQL access on MongoDB made easy.

# MongoDB ODBC & JDBC Drivers

Deliver full application functionality and real-time analytic capabilities to MongoDB users.



## Magnitude's Simba ODBC & JDBC drivers for MongoDB.

The Magnitude's ODBC and JDBC drivers for MongoDB allow you to use familiar BI tools and SQL queries to access data in MongoDB. The drivers discover and map schema-less MongoDB documents to a virtual schema allowing you to leverage the power and convenience of SQL to access your data. The included Schema Editor allows you to customize the auto discovered schema to suit your reporting and analytical needs.

High performance data access is achieved through Simba SQL Engine's built-in Collaborative Query Execution (CQE) ensuring filter and aggregation workflows are passed directly to MongoDB rather than being processed within a client application or intermediary system. Any traditional, SQL-based BI or analytics tool can easily connect and quickly deliver performance and broad compatibility, and ensure full functionality for users analyzing and reporting on Big Data.

## Product Highlights

- Extensive performance improvements through the use of the MongoDB Aggregation Framework for passing down aggregation operations, double buffering when reading data, and improved write performance via the MongoDB batching interface.
- Quick access to MongoDB data through automatic schema generation and normalization of arrays as virtual tables.
- Updated Schema Editor application allows for new and improved re-normalization workflows such as data preview and array flattening while avoiding error prone editing of schema files by hand.
- Improved security with new authentication support for Kerberos and LDAP as well as per connection SSL configuration.

## Product Features

- Support for MongoDB 3.0, 3.2, 3.4, and 3.6.
- Access MongoDB data via SQL from analytic applications such as Microsoft Excel, PowerBI, Tableau and more.
- Connects via MongoDB's native API for support of both on-premise and cloud deployments of MongoDB.

## Product Features (cont)

- Automatic schema generation and normalization of arrays as virtual tables.
- Updated Schema Editor allows for new and improved re-normalization workflows such as data preview and array flattening.
- Simple per-host licensing (server or desktop). The license cost is the same for any number of installed processors or cores (virtual or physical).
- Unicode enabled 32- and 64-bit ODBC 3.8 compliant driver for Windows, Mac OS X, and Linux.
- Extensive performance improvements through the use of the MongoDB Aggregation Framework for passing down aggregation operations, double buffering when reading data, and improved write performance via the MongoDB batching interface
- Improved security with new authentication support for Kerberos and LDAP as well as per connection SSL configuration
- Departmental, enterprise and worldwide licensing available on request.

## Product Specifications

- Supports 32- and 64-bit applications.
- ODBC Driver compliant with the latest ODBC 3.8 specification.
- JDBC Driver compliant with the latest JDBC 4.0 and 4.1 specifications
- Supports Unicode.
- Supports MongoDB 3.6 including WiredTiger storage engine.
- Supports many MongoDB data types (DBPointer, JavaScript, JavaScript (with scope), MaxKey, MinKey, Regular Expression, Symbol, Timestamp, and Undefined).
- Supports multiple platforms, including Windows, Linux and Mac OS.
- Uses legacy C++ client libraries v.1.0.2 RC.



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](mailto:solutions@simba.com) or **1.604.633.0008**. Visit our websites: [www.magnitude.com](http://www.magnitude.com) [www.simba.com](http://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.