



## HIGH PERFORMANCE DATA ANALYTICS FOR BETTER, FASTER BUSINESS DECISIONS AT A LOW COST

IgniteTech's Infobright DB platform is a high performance solution for storing and analyzing large volumes of machine-generated data at lower cost and significantly less administrative effort than other database solutions.

### SCALABLE BIG DATA ANALYTICS

Infobright DB is a high-performance enterprise database solution leveraging a columnar storage engine to enable business analysts to dissect data efficiently and more quickly obtain reports. Infobright DB can be deployed on-premise or in the cloud.

- Scalable analytics solution for storing and analyzing big data for interactive business intelligence and complex queries
- Through proprietary columnar storage format with superior compression ratios, improve query performance, reduce storage cost and increase overall efficiency in business analytics and reporting
- Easily store up to several hundred TB of data by enabling superior compression ratios traditionally not achievable with conventional relational databases
- For big data applications, use commodity hardware and software, and eliminate indexing and partitioning — with zero administrative overhead

### BUILT FOR MACHINE-GENERATED DATA

With the volumes of machine data exploding, IgniteTech's Infobright DB is specifically designed to achieve high performance for large volumes of machine-generated data used in complex ad hoc analytic environments, without the database administration required by other products. Infobright DB combines semantic intelligence with advanced compression technology to accelerate queries and reduce hardware footprint, resulting in a cost-effective solution designed to ensure on-demand performance without database tuning and administration.

- **Fast:** Ingest and load data at lightning speeds — near real-time data access means you can resolve complex queries that take traditional databases 5 to 100 times longer to process
- **Efficient:** Extracted Metadata information supersedes the need for indexes — automatic partitioning at the columnar level means you can compress and store your big data without the heavy lifting
- **Affordable:** Low cost licensing options are flexible and customizable — no manual data partitioning, duplication, administration and tuning means you can reduce COGS

# INSIGHT FOR ANALYTICS AT SCALE

## KEY FEATURES

In addition to raw execution performance, Infobright DB offers several technical benefits to enterprise end users, IT organizations, DBAs and application developers. Its small footprint and low administration requirements make it ideal as an embedded database for ISV and SaaS solutions with data-intensive applications such as network management, telecom CDR analysis or log analytics.

- The Granular Computing Engine processes queries using the Knowledge Grid to optimize query processing. Queries can often be answered referencing only the Knowledge Grid without having to read the data — resulting in sub-second query responses.
- An integrated loader is included, enabling high-speed loading. The Distributed Load Processor (DLP), which scales load speed using remote servers, is also available as an add-on.
- ColumnOptimizer extends Knowledge Grid intelligence by adding information about a particular data domain — such as web, financial services or telecom data — which the Granular Engine uses to optimize further for machine-generated data.
- Rough Query provides an interval to allow for data exploration, thus enabling a user to narrow down the results in an iterative manner, with sub-second response time, before the full query is run.
- Flexible deployment options includes support for MySQL and PostgreSQL. Infobright DB supports industry standard database interfaces including ODBC, JDBC and native connections.
- Supported APIs include C, C++, C#, Borland Delphi (via dbExpress), Eiffel, SmallTalk, Java (with a native Java driver implementation) Lisp, Perl, PHP, Python, Ruby, REAL basic, FreeBasic and Tcl.
- Virtually all BI tools are supported, including Business Objects, SAS, Pentaho, Jaspersoft, MicroStrategy, Actuate/BIRT and Information Builders. Connectors to popular ETL tools are also available.

## ACCELERATE DATA ANALYSIS WITH LESS STORAGE

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## INFOBRIGHT COPILOT

Infobright CoPilot is a GenAI-powered assistant that provides automated data type suggestions for database tables. Deployed as an add-on, it analyzes sample data and suggests the most efficient data types for each column. This eliminates manual guesswork, streamlining the table creation process and optimizing both storage efficiency and query performance.

## FOR MORE INFORMATION

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