



DATOMETRY

# Re-Platforming Data Warehouses

## Run Existing Database Applications Instantly and Natively

### FLEXIBLE DEPLOYMENT

Datometry® Hyper-Q™ can be deployed on any cloud or on-premise database. Connect directly without changing ODBC, JDBC, or native library connectors.

### SCALABLE PERFORMANCE

Datometry Hyper-Q scales to thousands of concurrent connections.

### SUPPORTED FEATURES

Stored Procedures  
Built-in Functions  
Data Types  
Proprietary Clauses

### COMPLETE SECURITY

Datometry Hyper-Q integrates with standard IT security infrastructure, including external identity providers.

### RECOMMENDED ENVIRONMENT

RHEL6 or compatible  
2 or more CPU cores  
5 GB storage  
8 GB memory

Data is proving to be a revenue driver in the modern enterprise and is becoming the decisive competitive advantage for enterprises. The data deluge means that IT is on the hook to deliver on the contradictory objectives of lowered TCO for rapidly increasing amounts of data while increasing availability and simplicity with which the business can tap the new data sources. While these objectives can be reconciled to some extent by new and evolving database technology or in-the-cloud and cloud-first strategies, there remains a critical gap between existing applications and the new data warehousing stack. Typically, each new generation of data warehouse requires a complete rewrite of the application stack, which can be a long, risky, and expensive process.

### DATOMETRY HYPER-Q SOLUTION

Datometry Hyper-Q is a powerful, disruptive, and fast solution with a small footprint that removes the single biggest obstacle when moving off legacy data warehouses: the requirement to reconfigure and rewrite applications. By intercepting and converting an application's communication with the data warehouse on the fly, the Hyper-Q solution translates queries and results in real-time. This means applications written for a legacy data warehouse can now run natively, instantly, and fully transparently on the new data warehouse (Figure 1).

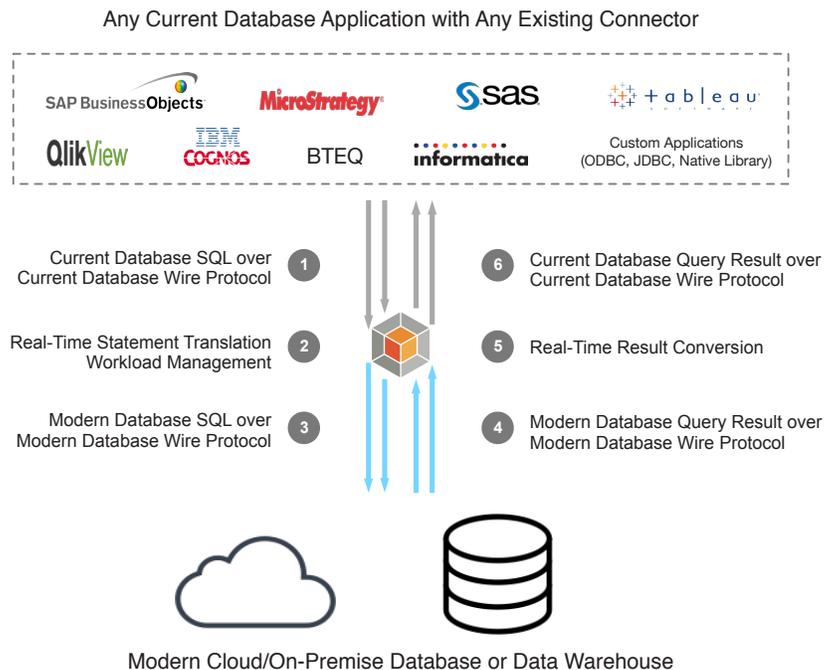


Figure 1: Enabling Legacy Applications for Any Cloud or On-Premise Database

## DATOMETRY HYPER-Q FEATURES

Datometry Hyper-Q is a robust, adaptive database virtualization solution with a comprehensive feature set (Figure 2):

### 1. Real-Time Translation

Queries and results are translated in real-time between the existing and modern databases with accuracy and consistency.

### 2. Workload Management

Concurrency control, prioritization of workloads, and query band support. Proven to scale to 1000s of connections.

### 3. Transparent Migration

The DBA can inspect where and how each query is spending time and granularly gauge the overall performance of the workload.

### 4. Augmentation of Missing Features

Support for legacy features for which there is no equivalent support on new database.

### 5. Optimization Capabilities

Implement workloads based on best practices and recommendations from the new database vendor..

### 6. QueryIntelligence™ (QI)

A dashboard of query plans, overall execution with tracing of long-running queries, and the recommended use of statistics and indexes.

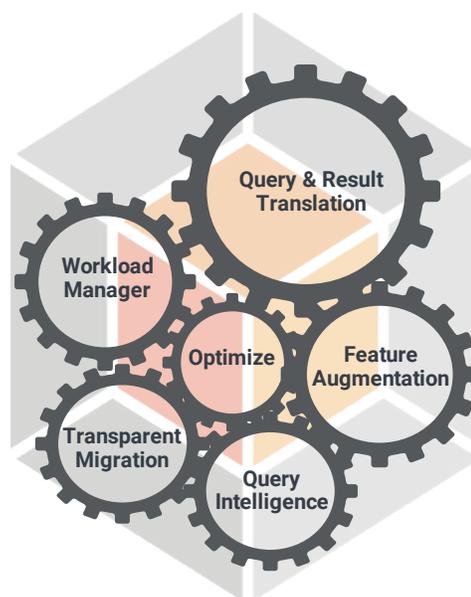


Figure 2: Datometry Hyper-Q Features

## BENEFITS OF NOT REWRITING APPLICATIONS

By deploying the Datometry Hyper-Q solution, enterprises can reap the following benefits of the modern data warehouse and business value:

### 1. Shorten Time to Value: Weeks Not Years

Projects that can take years using a conventional migration approach of adjusting and rewriting applications can now be completed in just days or weeks (Figure 3).

### 2. Preserve Investment and Business Logic

Protect long-standing investments in the development of mission-critical business logic and eliminate the risk of compromising applications in a conventional migration.

### 3. Realize Cost Savings and Business Value

Realize BI savings swiftly by avoiding the migration of applications, which can be a long and expensive process.

### 4. Reduce Complexity and Risk

Eliminate time-consuming migration procedures and reduce the perceived risk associated with the adoption of new cloud data warehouse technology.



Figure 3: BI Modernization Value with Datometry Hyper-Q

Contact [info@datometry.com](mailto:info@datometry.com) for a demo and visit [www.datometry.com](http://www.datometry.com) for details.