

REPLATFORMING DATA WAREHOUSES

Run Existing Applications Without Rewriting

Data is the key revenue driver and competitive advantage for the modern enterprise. The data deluge mandates IT to deliver on the contradictory objectives of lowered TCO for rapidly increasing amounts of data while raising the bar for availability and time-to-value. There remains a critical gap between existing applications and the new data warehousing stack, which can be reconciled to some extent by new and evolving database technology or cloud-first strategies. Typically, each new generation of any data warehouse requires a complete rewrite of the application stack, which is a long, risky, and expensive process. Datometry challenges this status quo with its category-defining Adaptive Data Virtualization™ technology.

Datometry Hyper-Q Solution

Datometry Hyper-Q is a powerful solution that removes the single biggest obstacle in the move away from legacy data warehouses: reconfiguring and rewriting applications. Hyper-Q continuously intercepts and converts the application's communication with the data warehouse and translates queries and results in real-time. This low-latency solution has a small footprint and deploys transparently. The applications, which are written and optimized for legacy data warehouses, can now run natively, instantly, and fully transparently on Microsoft Azure SQL Data Warehouse (Figure 1).

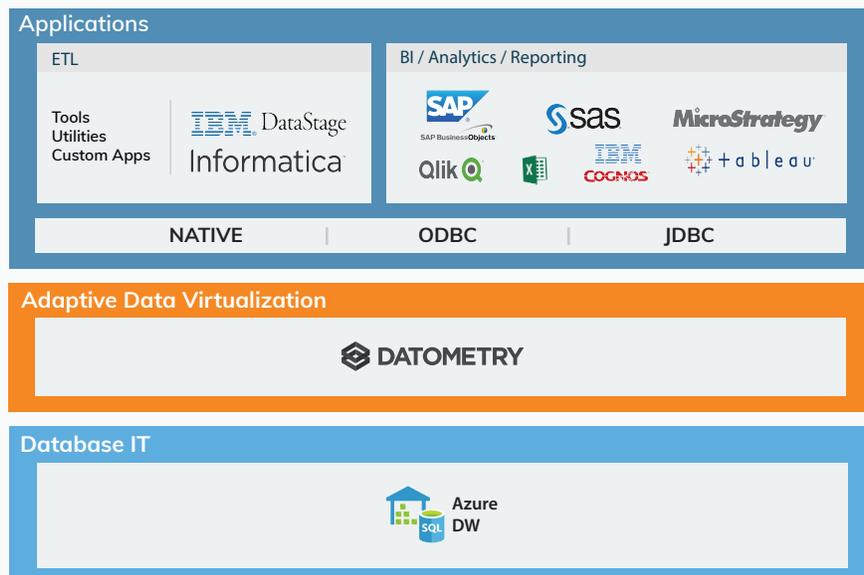


Figure 1: Enabling Legacy Applications for Microsoft Azure SQL Data Warehouse

Datometry Hyper-Q Features

Datometry Hyper-Q is a robust Adaptive Data Virtualization solution with a comprehensive feature set.

Continuous Real-Time Translation
 Queries and results are translated in real-time between the legacy and modern databases with accuracy and consistency.

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

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

Augmentation of Missing Features
 Emulation of legacy features that do not exist on the modern database.

Modern Data Warehouse Optimization
 Implement workloads based on best practices and recommendations from the modern database vendor.

Transparent Deployment
 Hyper-Q deployment does not require application changes.

Benefits of Adaptive Data Virtualization

Enterprises can reap the benefits of modern data warehouses by deploying the Datometry Hyper-Q solution instead of rewriting applications.

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 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.

Achieve Cost Savings and Accelerate Digital Transformation

Benefit from the superior price-to-performance of Azure SQL DW and extract new insights from data.

Reduce Complexity and Risk

Eliminate time-consuming application migration and reduce the perceived risk associated with the adoption of Azure SQL DW technology.

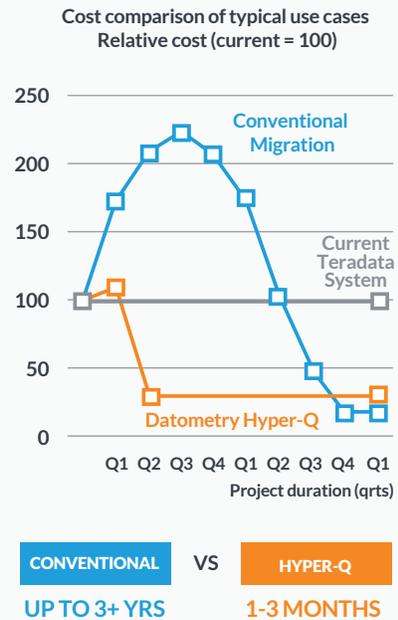


Figure 2: BI Modernization Value with Datometry Hyper-Q