Streaming Integration to Azure SQL Data Warehouse

Continuous, Real-Time Data Movement with In-Flight Processing

To support their digital business with modern data warehousing in the Azure Cloud, organizations need to continuously feed real-time operational data from existing on-premise and cloud-based data stores and data warehouses.

What is Striim?

The Striim software platform offers continuous, real-time data movement from heterogeneous, on-premises data warehouses, databases and AWS into Azure SQL Data Warehouse with in-flight transformations and built-in delivery validation to support operational decision making on a continuous basis.

Why Leading Enterprises Use Striim

- **Real Time**: Continuously moves data from diverse sources with sub-second latency

- **Non-Intrusive:** Collects real-time data from production systems with negligible impact

- **In-Line Transformations**: Performs denormalizations and other transformations on data-in-motion

Implement a Modern Data Warehouse

- Upgrade to streaming ETL from traditional ETL for next-gen cloud-based real-time analytics

- Remove batch ETL processes using non-intrusive change data capture and avoid impacting sources

- Rapidly set up real-time data pipelines from on-prem databases and AWS to enable operational data store within the data warehouse

Reduce On-Premise ETL Workload

- Perform transformations, including denormalization, in-flight before delivery to Azure SQL DW

- Speed loading high data volumes with optimized interfaces in batch or in streaming fashion

- Continuously visualize and monitor data pipelines with real-time alerts

Use Phased Migration from Existing Data Warehouses

- Use phased and zero downtime migration from Oracle Exadata, Teradata, AWS Redshift by running them in parallel

- Prevent data loss with built-in validation

- Offload reporting and analytics workloads gradually, as desired

How Striim Works to Achieve Business Benefits

Low-Impact Change Data Capture from Enterprise Databases

- Non-stop, non-intrusive data ingestion for high-volume data

- Support for data warehouses such as Oracle Exadata, Teradata, Amazon Redshift; and databases such as Oracle, SQL Server, HPE NonStop, MySQL, PostgreSQL, MongoDB, Amazon RDS for Oracle, Amazon RDS for MySQL

- Real-time data collection from logs, sensors, Hadoop and message queues to real-time analytics

Continuous Data Processing and Delivery

- In-line transformation, incl. denormalization, filtering, aggregation, enrichment to store only the data you need, in the right format

- Real-time data subsetting to support hub and spoke architecture

- Optimized delivery to Azure SQL Data Warehouse in streaming or batch mode
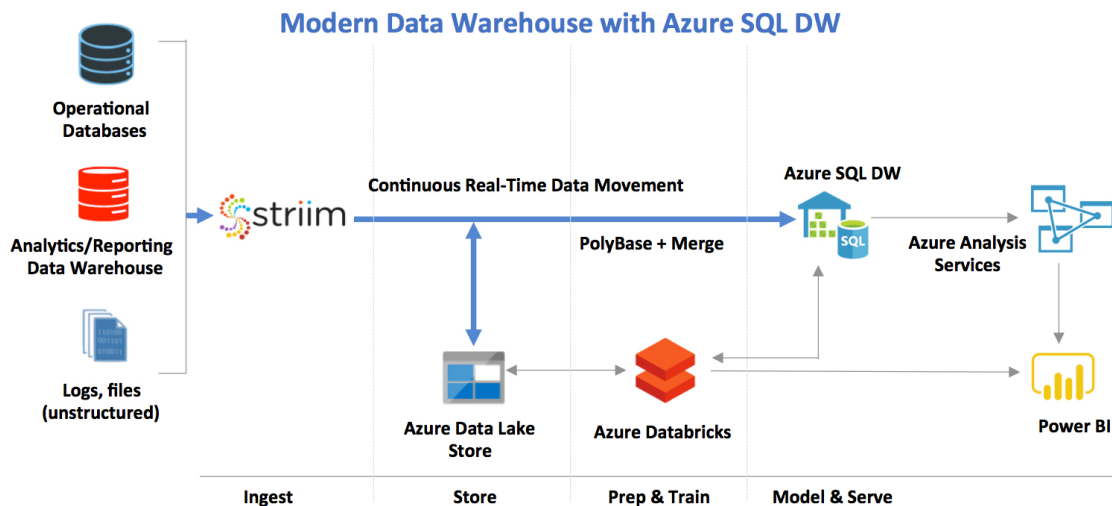
Built-In Monitoring and Validation

- Continuous verification of source and target database consistency

- Interactive, live dashboards for streaming data pipelines

- Real-time alerts via web, text, email

Streaming Integration to Azure SQL DW

An enterprise-grade, template-based cloud service to rapidly deploy real-time data pipelines for next-generation analytics in the cloud.

An offer to get you started

- Striim streamlines your transition to Azure and increases the value you gain from cloud services.

- Get started rapidly by following the simple instructions.

- Contact us at info@striim.com or your Azure account executive to sign up for a proof of concept to move real-time data to Azure SQL DW.

Modern Data Warehouse with Azure SQL DW

Why Striim for Modern Data Warehousing using Azure SQL DW?

With a broad set of supported sources for streaming data integration at extreme scale, Striim enables you to upgrade from traditional ETL solutions. With Striim you can make virtually any data available in Azure SQL DW in real time and the desired format and reap the full benefits of next-generation cloud analytics with Azure.

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