



# Streaming Integration to Azure

Continuous, Real-Time Data Movement to Azure SQL Data Warehouse, Azure Databases, and Other Azure Services

To adopt modern data warehousing, advanced big data analytics, and machine learning solutions in the Azure Cloud, businesses 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 systems and AWS into Azure with in-flight transformations and built-in delivery validation to make data immediately available in Azure, in the desired format.



## 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
- **Simplified:** Runs in Azure Cloud, uses SQL-based language, and offers wizards-based intuitive UI

## Implement Operational Data Warehouse on Azure Cloud

- Rapidly set up real-time data pipelines from on-prem databases and AWS to enable real-time operational data store
- Perform transformations, including denormalization, in-flight
- Use phased and zero downtime migration from Oracle Exadata, Teradata, AWS Redshift by running them in parallel
- Prevent data loss with built-in validation

## Run Operational Workloads in Azure Databases

- Continuously stream on-prem and AWS data to Azure SQL DB, Cosmos DB, Azure Database for MySQL, and Azure Database for PostgreSQL
- Use non-intrusive change data capture to avoid impacting sources
- Offload operational reporting
- Move data continuously from MongoDB, sensors and other sources to Cosmos DB

## Use Pre-Processed, Real-Time Data for Advanced Big Data Analytics and ML

- Feed real-time data to Azure Data Lake Storage, Azure Event Hubs, Azure DataBricks, and Azure HDInsight from on-prem or AWS databases, log files, messaging systems, Hadoop, and sensors
- Pre-process data-in-motion to reduce ETL efforts and accelerate insight
- Continuously visualize and monitor data pipelines with real-time alerts



# 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 support operational decision making



## Continuous Data Processing and Delivery

- In-flight transformation, incl. denormalization, filtering, aggregation, enrichment to store only the data you need, in the right format
- Real-time data delivery to Azure Event Hubs, Azure Cosmos DB, Azure SQL Data Warehouse, Azure SQL Database, Azure Data Lake Storage, Azure HDInsight, SQL Server and Kafka on Azure.



## Built-In Monitoring and Validation

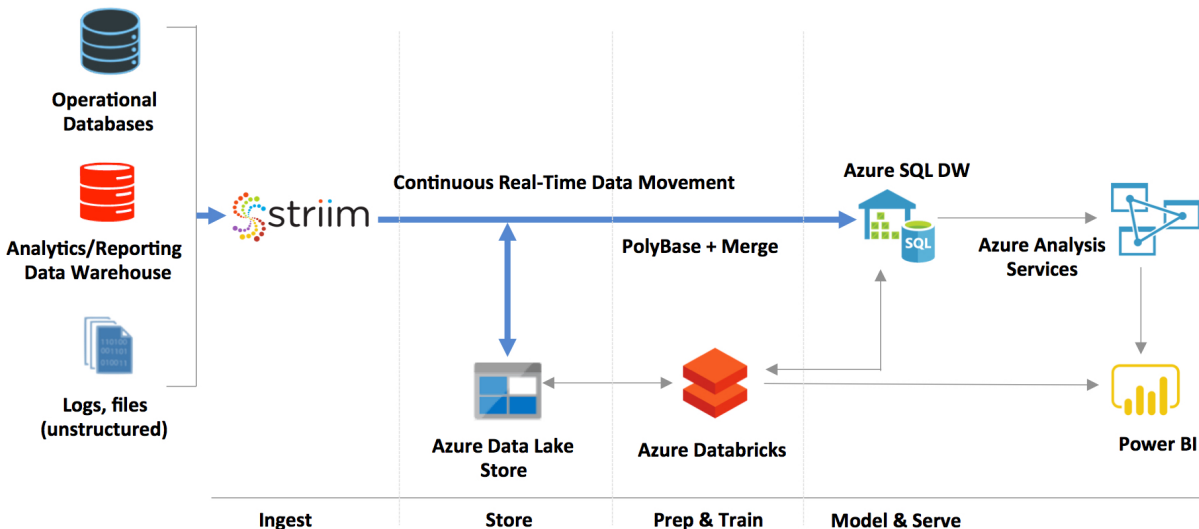
- Interactive, live dashboards for streaming data pipelines
- Continuous verification of source and target database consistency
- Real-time alerts via web, text, email

## Streaming Integration to Microsoft Azure

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.
- Subscribe to Striim as a cloud service on Azure Marketplace to stream into [Azure SQL Database](#), [Azure Cosmos DB](#), [Azure SQL DW](#), [Azure Storage](#) and [Azure Database for PostgreSQL](#).
- Contact us at [info@striim.com](mailto:info@striim.com) or your Azure account executive to sign up for a proof of concept to move real-time data to Azure.



## Why Striim?

As an enterprise-grade platform with built-in high-availability, scalability, security, and reliability, Striim is designed to deliver tangible ROI with low TCO to meet real-time, streaming integration needs of mission-critical environments.

With a broad set of supported sources, Striim enables you to make virtually any data available in Azure in real time and the desired format to support next-generation cloud analytics and operational decision making on a continuous basis.