



# Streaming Integration to Azure for the Financial Services Industry

Move data into Azure SQL Data Warehouse, Azure Databases, and Other Analytics Services continuously and in real-time.

To adopt modern data warehousing, advanced big data analytics, and machine learning solutions in the Azure Cloud, Financial Institutions need to continuously feed real-time operational data from existing on-premises 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 a wizards-based intuitive UI

## Implement Operational Data Warehouses on Azure Cloud

- Rapidly set up real-time data pipelines from on-prem databases and AWS to enable real-time operational data stores
- Perform transformations, including denormalization, in-flight
- Use phased and zero downtime migration from Oracle Exadata, Teradata, and 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 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 transformations – including denormalization, filtering, aggregation, enrichment – to store only the data you need, in the right format
- Real-time data delivery to Azure SQL Data Warehouse, SQL Server on Azure, Azure SQL Database, Azure Data Lake Storage, Azure Databricks, Kafka, Azure HDInsight, and Cosmos DB



## Built-In Monitoring and Validation

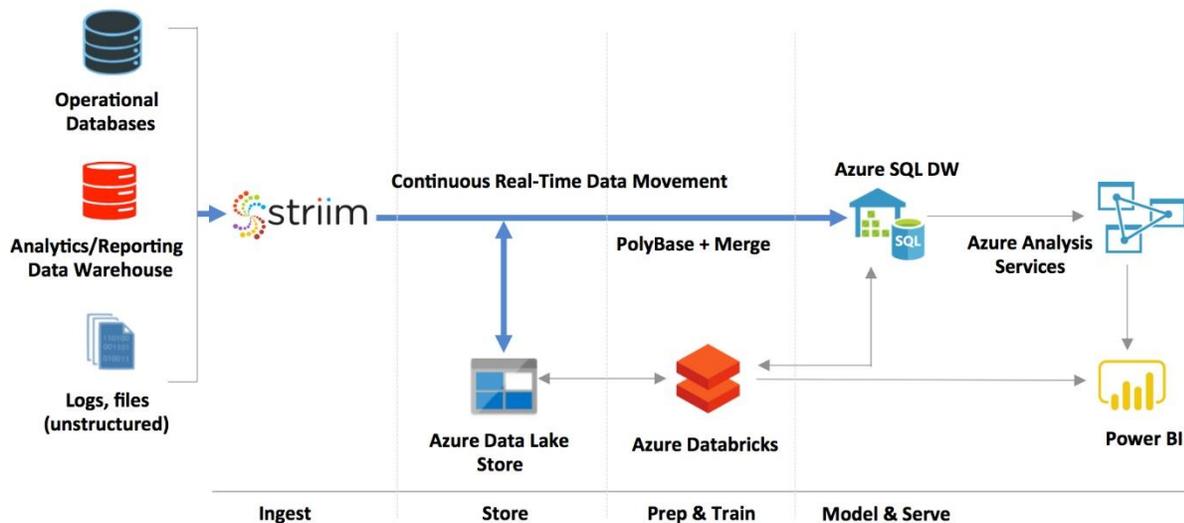
- Interactive, live dashboards for streaming data pipelines
- Continuous verification of source and target database consistency
- Real-time alerts via web, text, email

## 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 Storage and Azure HDInsight. Visit [www.striim.com/microsoft-azure/](http://www.striim.com/microsoft-azure/) to get started.
- 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.