

Striim: Real-Time Data Integration for Amazon Web Services

The Striim® platform provides an enterprise-grade streaming data integration solution for continuously moving real-time data from a wide variety of on-premises and cloud data sources to Amazon Web Services (AWS) environments. By enabling real-time data pipelines to AWS, Striim makes it easy to achieve zero-downtime, zero-data-loss database migrations to AWS, and to maintain a fully connected hybrid cloud architecture for high-value workloads.

Real-Time Data Pipelines from a Wide Range of Sources

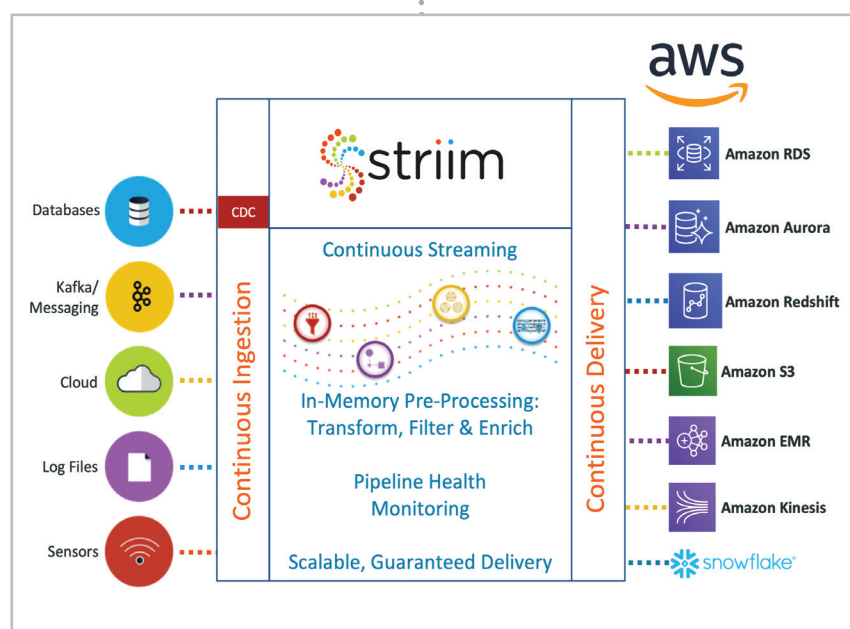
Running on AWS with subscription-based PaaS offerings, Striim helps companies build reliable and scalable streaming data pipelines from enterprise databases, log files, messaging systems, sensors, and Hadoop. For enterprise databases – such as Oracle, SQL Server, Amazon RDS, Amazon S3, HPE NonStop, MySQL, and PostgreSQL – Striim offers non-intrusive, log-based change data capture (CDC). Striim can perform in-memory data processing on data-in-motion and delivers the data in real time into various AWS cloud services with sub-second latency.

Data Migration with Minimized Risk and Zero Downtime

Data migration to a new AWS database does not need to interrupt business operations or introduce the risk of data loss. With real-time data synchronization capabilities, Striim can move data from legacy databases to AWS RDS or Aurora databases without requiring database downtime, and enabling an immediate switchover to the AWS environment after thorough testing without time restrictions. Striim offers bi-directional data replication for Oracle, SQL Server, MySQL, PostgreSQL, and MariaDB databases

Benefits

- Ingest real-time data from on-prem and other cloud databases, logs, messaging queues, sensors, etc.
- Migrate to AWS with minimized risk and without business interruption
- Minimize impact on source databases with non-intrusive, real-time CDC
- Process data in-flight with zero coding
- Run operational workloads in AWS with real-time continuous integration of the on-prem data



Striim moves and processes real-time data from a diverse set of sources to a wide variety of AWS services.

to support the parallel use of legacy and the new cloud-hosted databases for phased migration of users.

Striim can also validate the data migration to AWS, including the AWS Database Migration solution, to avoid data loss or corruption. Striim non-intrusively collects changed data from source legacy and the target AWS databases, and matches applied transactions in real time to verify the cloud database is synchronized. Users can monitor and check for any data divergence with real-time live dashboards to ensure a successful migration. With a comprehensive database migration solution, Striim allows cloud adoption with minimized risk and zero database downtime.

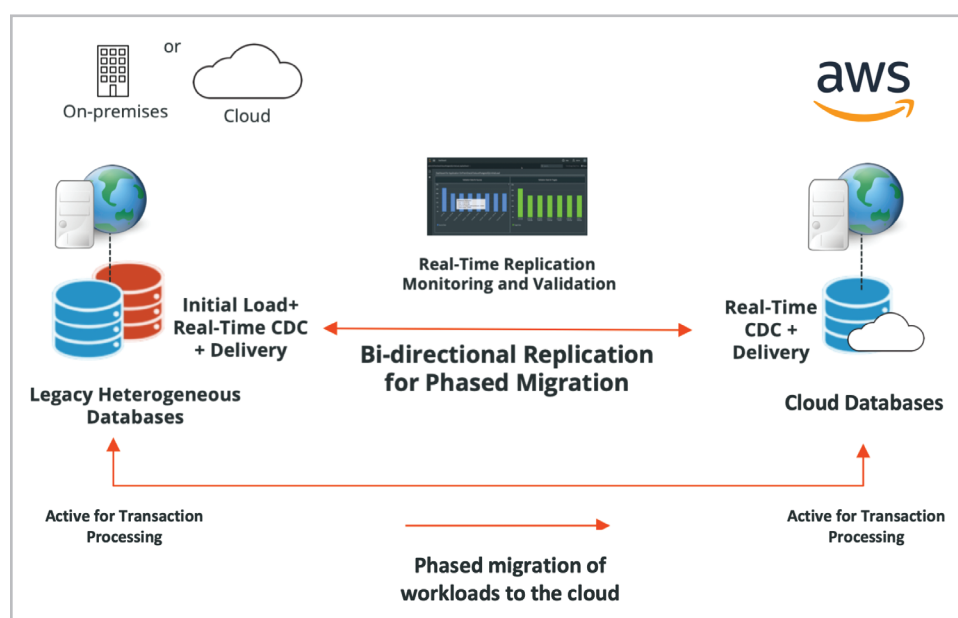
Continuous, Real-Time Data for Hybrid Cloud Architecture

A crucial step to transform business operations via AWS cloud services is having continuous access to up-to-date data from existing data sources. By rapidly setting up real-time data pipelines to AWS, organizations can offload high-value, operational workloads to AWS cloud services and modernize their analytics and business applications.

For integration to AWS analytics solutions, such as Amazon Redshift, Striim offers in-flight transformations – such as denormalization, filtering, masking, aggregations, and enrichment – to reduce on-premises workloads for data processing. With out-of-the-box real-time pipeline monitoring, security, high-availability, reliability, and scalability, Striim effectively supports high-volume, high-velocity data in mission-critical environments.

Why Striim?

- Real-time data synchronization and integration from a wide variety of sources
- Non-intrusive CDC from databases with event guarantees
- Zero downtime database migration with built-in real-time monitoring and validation
- Designed for high-volume, high-velocity data
- Built-in security, scalability, and reliability
- Quick to deploy via SQL-like queries and wizard-based UI



Striim's real-time, bi-directional data replication minimizes data migration risks and downtime.

For more information, or to schedule a demo, please contact the Striim Team at www.striim.com/contact-us/.