

Striim: Streaming Integration for a Modern Data Architecture on Google Cloud

The Striim® platform provides an enterprise-grade streaming integration solution for moving real-time change data from a wide variety of sources to Google Cloud environments without impacting source systems. Striim enables streaming data pipelines to Google BigQuery and Google Cloud SQL.

By connecting on-premises and other cloud-based solutions to Google Cloud on a continuous basis, Striim makes it easy to build hybrid IT infrastructures for next-generation applications in the cloud. Using real-time, pre-processed data in Google Cloud, businesses can easily offload operational and analytics workloads to the cloud, and take advantage of the cost-savings and agility benefits of Google Cloud on a larger scale.

Non-intrusive, Real-time Data Ingestion

The Striim platform continuously collects real-time data from a variety of on-premises or cloud-based sources, including databases, Salesforce, Amazon S3, files, message queues, and devices. For enterprise databases such as Oracle, SQL Server, Amazon RDS, HPE NonStop, and MySQL, the platform offers non-intrusive, real-time change data capture (CDC) to minimize the impact on source systems.

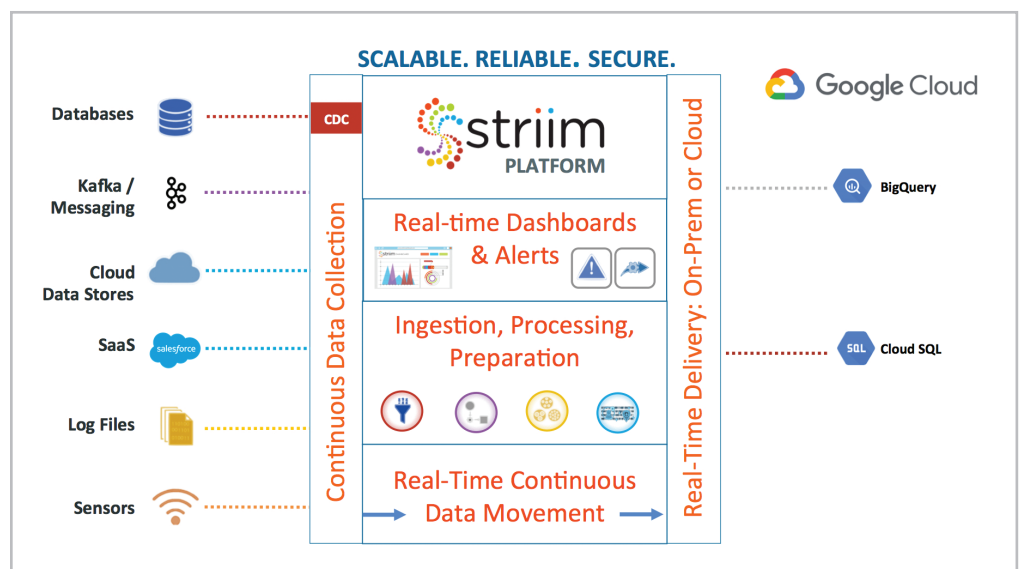
Striim supports major data formats, including JSON, XML, AVRO, delimited, binary, free text, and change records.

In-memory Stream Processing

The Striim platform can deliver the data “as-is,” or put it through a series of in-flight transformations, such as denormalization, to reduce latency. It uses SQL-based continuous

BENEFITS

- Ingest real-time data with minimized impact on source
- Continuously collect data from databases, logs, messaging, sensors, etc.
- Transform data in-flight to reduce latency for operational decision making
- Move data to Google Cloud SQL without business interruption
- Easily offload analytical workloads to cloud with the availability of low-latency on-prem data



Striim offers real-time data integration from a diverse set of sources

queries to filter, aggregate, transform, and enrich multiple streams of real-time data in-memory before delivering to the target. With a drag-and-drop UI and wizards, Striim simplifies creating real-time data pipelines from popular sources to Google Cloud, significantly increasing developer productivity.

Real-time Delivery with an Enterprise-grade Solution

The Striim platform can continuously apply pre-processed, streaming data to Google BigQuery and Cloud SQL with sub-second latency. Businesses can use the low-latency data to support their operational reporting, real-time analytics, or transactional applications running on Google Cloud without impacting source systems. Striim can also deliver real-time data to other targets such as databases and files.

Striim is designed to support high-volume, high-velocity data with built-in data flow monitoring, security, high-availability, reliability, and scalability to support mission-critical applications.

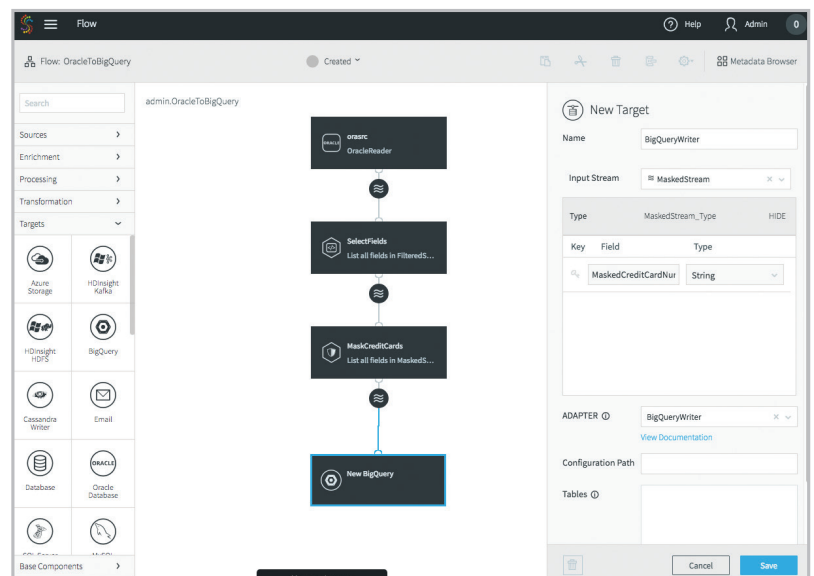
Key Component for an Operational Data Warehouse

A next-generation data warehousing solution in the cloud requires a modern approach to data integration. Striim enables Google BigQuery customers to have continuous access to real-time, pre-processed data from their on-premises or cloud-based data sources so they can use BigQuery for operational decision making.

Unlike traditional ETL, Striim transforms in-flight data, reducing latency and supporting operational workloads. With heterogeneous data replication capabilities, Striim also allows businesses to move their data to Google Cloud SQL without any database downtime or data loss for a seamless transition to the Google Cloud.

WHY STRIIM?

- Real-time data integration from a wide variety of data sources
- Designed for high-volume, high-velocity data
- Non-intrusive CDC from databases with event guarantees
- In-line transformations (e.g. denormalization) before delivery
- Built-in security, scalability, and reliability
- Quick to deploy via SQL-based queries and wizards-based UI
- Built-in monitoring and streaming analytics



Striim offers a wizards-based development experience using a drag-and-drop UI

For more information, or to schedule a demo, please contact the Striim team at info@striim.com.