Yellowbrick

PARTNER SOLUTION BRIEF

Streaming Data Integration for Yellowbrick

Overview

Striim enables companies to stream enterprise data from on-premises and cloud-based sources to Yellowbrick's data warehouse in real time, with built-in scalability, security, and reliability. This streamlines migrations to Yellowbrick and supports time-sensitive operational decision-making.

Joint Solution with Yellowbrick and Striim

The Striim platform continuously ingests real-time data from a variety of sources out of the box—including databases, data warehouses, log files, sensors, cloud applications, messaging systems, and Hadoop solutions—both on premises and in the cloud. For enterprise databases and data warehouses such as Oracle Database, Oracle Exadata, Teradata, Amazon Redshift, SQL Server, MySQL, HPE NonStop, Amazon Relational Database, and MongoDB, the platform offers nonintrusive change data capture (CDC) to minimize the impact on source systems

Real-Time Analytics and Insights

Striim and Yellowbrick bring to enterprises analytics and insights in real time, at scale, and with tremendous performance, security, and reliability.

Alok Pareek
EVP and Founder
Striim, Inc.

USING STRIIM, ENTERPRISES CAN:

Implement a Modern Data Warehouse
Upgrade to streaming ETL from traditional ETL for next-gen cloud-based real-time analytics

Remove batch ETL processes via nonintrusive CDC, without impacting sources

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

Reduce On-Premises ETL Workload
Perform transformations, including denormalization, in-flight before delivery to Yellowbrick

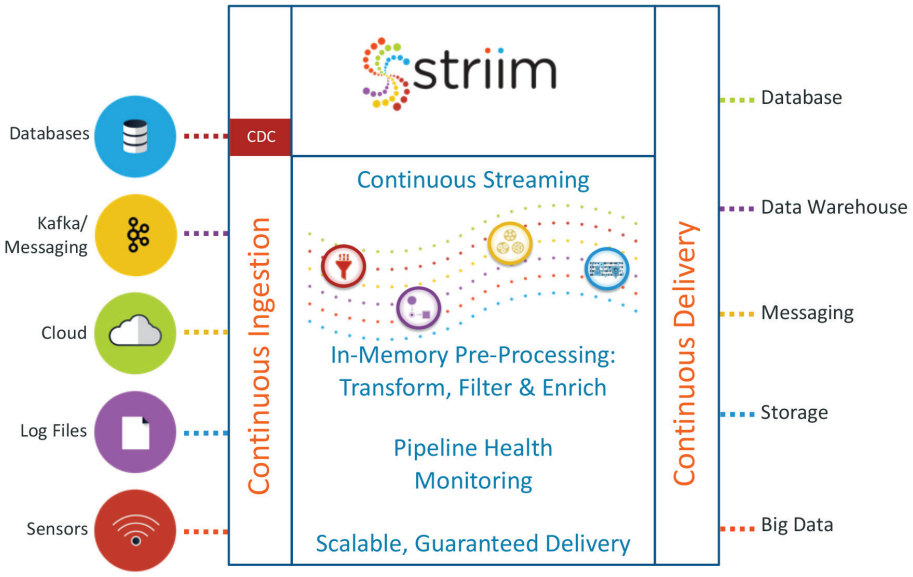
Speed loading high data volumes with optimized interfaces in batch or in streaming fashion

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, and Amazon Redshift by running them in parallel

Prevent data loss via built-in validation

Offload reporting and analytics workloads gradually, as desired



Solution Details

Striim's enterprise-grade streaming integration with intelligence platform makes it easy to build continuous, streaming data pipelines from a wide range of data sources, including from enterprise databases, using low-impact CDC. Striim's platform powers real-time cloud integration, messaging, and data lake integration; edge processing; and stream processing use case; among others.

Unlike traditional ETL solutions, Striim continuously ingests granular and larger data sets for richer analytics. It does so without impacting source systems and enables subsecond latency by processing the data in-memory, while it is streaming. In-flight data processing with Striim offers a simplified and scalable data architecture.

Enabling Operational Intelligence in Yellowbrick

The Striim platform can continuously load preprocessed data to Yellowbrick with subsecond latency. By using up-to-date data in Yellowbrick, users can support time-sensitive analytics use cases—such as detecting and predicting security threats instantaneously, enabling location-based marketing, and so on—that provide significant operational value to the business.

Phased Migration with No Downtime

Striim's real-time data synchronization capabilities enable data migration from legacy data warehouses and databases to Yellowbrick without requiring database downtime. Yellowbrick customers can also run their legacy data warehouses in parallel with Yellowbrick systems for a phased migration.

Yellowbrick: The data warehouse for distributed clouds

Yellowbrick offers the only data warehouse designed to address the challenges of distributed data across distributed clouds. The unique adaptive "cut-through" architecture of Yellowbrick Data Warehouse delivers the best price/performance economics in the industry for batch, real-time, ad hoc, and mixed workloads in private data centers, public clouds, and the network edge.

Learn more at yellowbrick.com

For additional questions, contact:

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