

Streaming Integration for HPE NonStop Servers

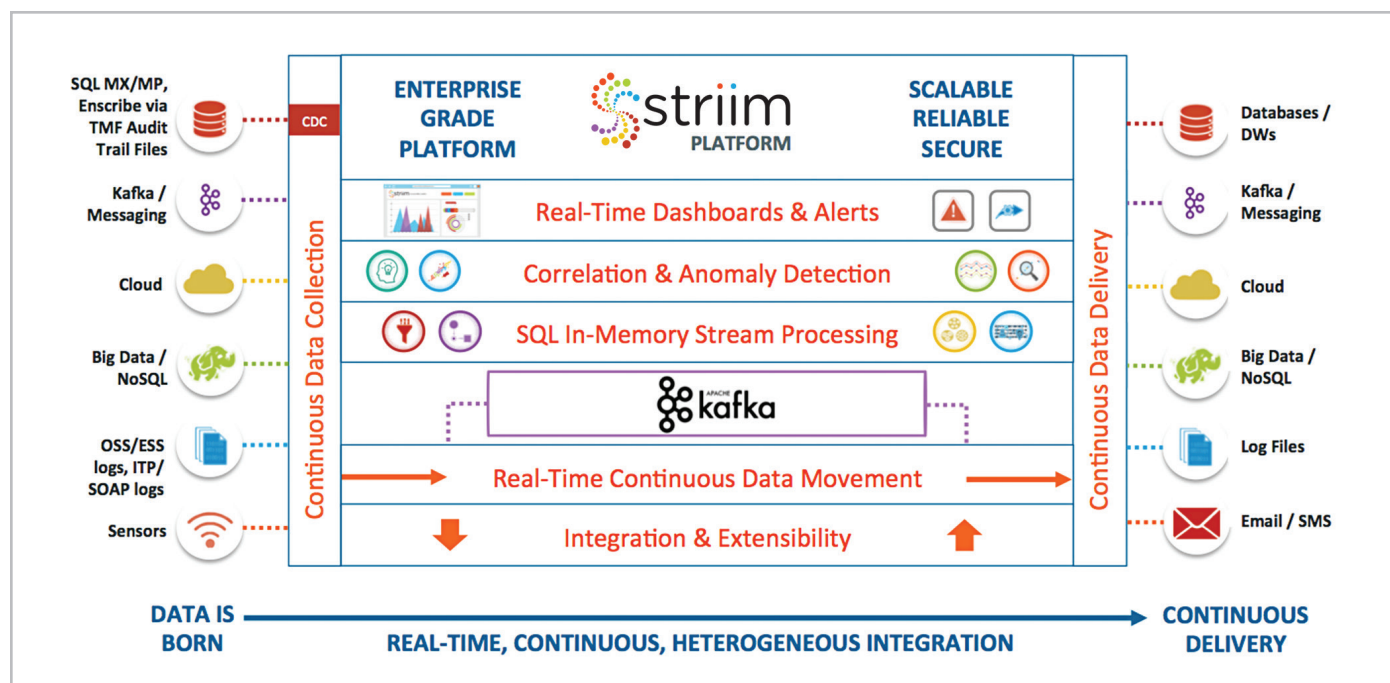
HPE NonStop servers support mission-critical operations with data that requires timely integration with Hadoop and NoSQL and other systems — on-premise or in the cloud. The Striim® platform offers real-time data integration with built-in validation and intelligence to help HPE NonStop users to support their key initiatives such as hybrid IT, advanced analytics, and operational intelligence. With an enterprise-grade platform, Striim offers a comprehensive solution that ingests, processes, and delivers high-velocity data to virtually any target in real time, with built-in delivery validation, streaming analytics, and visualization.

Real-time Data Ingestion with CDC

The Striim platform ingests real-time, streaming data from HPE NonStop servers and a variety of on-premises and cloud-based data sources; including other major databases, files, message queues, and devices. When capturing real-time data from HPE NonStop systems, it offers a non-intrusive change data capture (CDC) feature for efficient and real-time data integration.

BENEFITS

- Non-intrusively collect real-time data from HPE NonStop databases
- Process in-flight data without extensive coding
- Easily deliver to virtually anywhere, on-premises or in the cloud
- Ensure zero data loss with built-in delivery validation
- Get immediate insights and alerts



Striim offers streaming data integration with low-impact CDC for HPE NonStop databases

The CDC feature captures the DML operations from TMF audit trails as events, which contain data payload as well as metadata associated with each DML operation. Striim supports continuous change data capture from SQL/MX, SQL/MP, and Enscribe running on NonStop X servers, or NonStop I servers with Itanium processors.

SQL-based Processing for Data-in-motion

While moving the data, Striim can deliver it “as-is,” or perform a series of transformations and enrichments on data-in-motion to create exactly the data structure and output needed. Through SQL-based continuous queries, Striim can process filter, aggregate, transform, join, and enrich multiple streams of real-time data from HPE NonStop and other data sources. Using pre-processing, customers minimize the data storage at the target and store the data in a format that supports downstream applications. Striim can also analyze data-in-motion to capture time-sensitive information and push the results the results to live, interactive dashboards to provide real-time visibility.

Delivery to On-prem or Cloud-based Targets

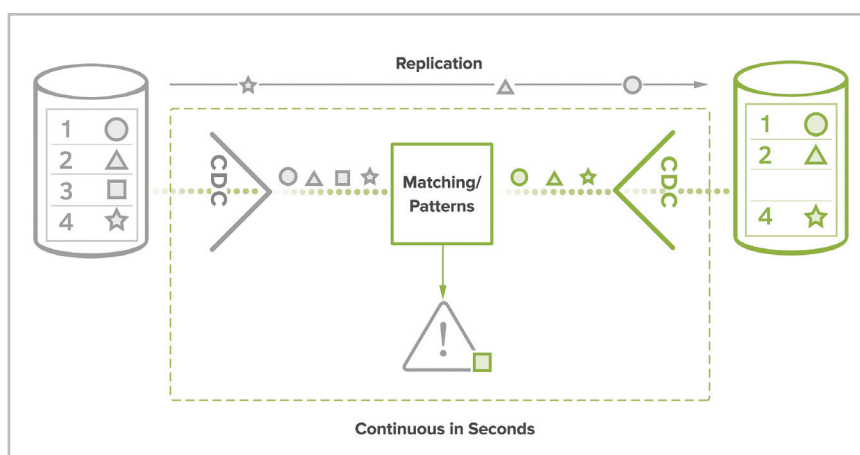
The Striim platform can continuously apply pre-processed, streaming data from HPE NonStop servers to a broad range of targets with reliability and built-in validation. These destinations include databases such as HPE Vertica and other major databases, files, message queues, Hadoop and NoSQL environments, and cloud data stores — such as Azure Storage, Azure SQL Database, Amazon Redshift, S3, and Google BigQuery.

Zero Data Loss

To ensure database consistency in replicated environments, Striim offers a non-intrusive, real-time verification mechanism that continuously monitors replication activity between databases. The platform compares the database changes in real time to identify missing transactions, visualize data latency, classify replication errors.

WHY STRIIM?

- Non-intrusive CDC from HPE NonStop with event guarantees
- In-flight enrichment via built-in cache
- Delivery to a broad range of on-premise or cloud targets
- High-performance with a scale-out architecture
- Built-in security, scalability, and reliability
- Quick to deploy via drag-and-drop UI, and SQL-based queries



Striim can complement existing replication solutions to verify source and target database consistency

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