



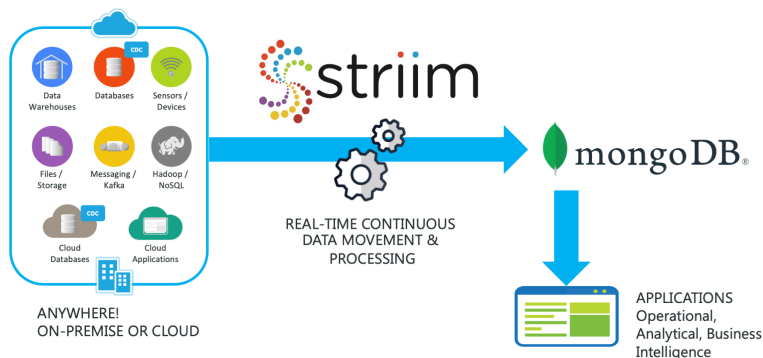
Streaming And MongoDB

Continuous, Real-Time Data Movement with In-Flight Processing

To support their digital business with modern data management utilizing MongoDB, organizations need to continuously feed real-time operational data from existing on-premise 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 data warehouses, databases, and other sources into MongoDB with in-flight transformations and built-in delivery validation.



Striim For MongoDB

As MongoDB is a document store, and many of the sources are relational, flat, or unstructured in nature, the real-time continuous data processing within Striim can be essential to produce the document structure required in your MongoDB target.

CDC to MongoDB

- One collection per table
- Documents are based on the row tuple contents with meta data, and data elements containing fields.
- Documents are inserted, deleted and updated based on CDC operation

SQL Based Transformations

- Data can be filtered and transformed through SQL
- Data can be joined with external data in caches to enrich source data
- Document structure based on query output, or custom JSON

Custom Transformations

- More complex cases can be handled with custom processors
- Data in master / detail related tables can be moved into a document hierarchy
- Granular document updates can be achieved

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
- **In-Line Transformations:** Performs denormalizations and other transformations on data-in-motion

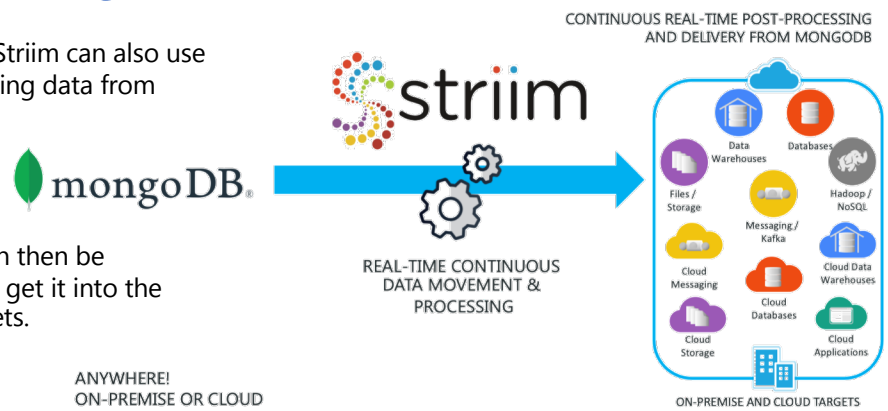


Change Data Capture for MongoDB

In addition to being able to deliver data to MongoDB, Striim can also use MongoDB as a source. This works both for initially loading data from MongoDB into other systems, and for capturing and applying on-going change using CDC.

The Striim [MongoDB Reader](#) can collect documents from multiple collections in JSON format. This JSON can then be manipulated using SQL-based or custom processing to get it into the correct format for any of the on-premise or cloud targets.

Both real-time delivery to MongoDB and continuous change collection from MongoDB can be used together to create the integrations required by your organization.



Striim CDC For MongoDB

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 real-time analytics



Continuous Data Processing and Delivery

- In-line transformation, incl. denormalization, filtering, aggregation, enrichment to store only the data you need, in the right format
- Real-time data subsetting to support hub and spoke architecture
- Optimized delivery to MongoDB in streaming or batch mode



Built-In Monitoring and Validation

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

Streaming Integration to MongoDB

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 integration with MongoDB and increases the value you gain from cloud services.
- Get started rapidly by following [the simple instructions](#).
- Contact us at info@striim.com or use our website to sign up for a proof of concept for real-time data integration with MongoDB

Why Striim for MongoDB?

With a broad set of supported sources for streaming data integration at extreme scale, Striim enables you to upgrade from traditional ETL solutions. With Striim you can make virtually any data available in MongoDB in real time and the desired format and reap the full benefits of scalable document storage and analysis.