STREAMING DATA PIPELINES

Build Using Real-Time Data with Confluent + Amazon Aurora

Organizations and applications increasingly require access to data spread across multiple databases in real time. Confluent makes it easy to build streaming data pipelines that connect, process, and govern business-critical data for **Amazon Aurora**. Together, Confluent and Amazon Aurora help teams build with real-time data while reducing total cost of ownership (TCO) and time to value (TTV).

Power real-time apps with data streaming at scale

Empower application teams to build using consistent, up-to-date, and enriched views of data from Amazon Aurora.

Provide self-service access to curated data streams

Allow teams to discover, understand, and share data streams in real time as soon as new information becomes available.

Decrease risk and cost of modernization

Adopt an incremental migration strategy and eliminate the risk of downtime or data loss.

Reduce the TCO of hybrid and multicloud data pipelines

Leverage pre-built connectors and a fully managed streaming platform for greater agility at a lower TCO.

Amid unprecedented volumes of data being generated, organizations need to harness data from heterogeneous systems for real-time insights into how their business is performing, to make timely operational decisions in response to market conditions, and to build innovative modern applications that deliver personalized, engaging customer experiences. However, in a modern enterprise, decentralized tech has unintentionally created distributed islands of data estates and locked away the business value of data in technology silos.

Confluent as your streaming pipeline to Amazon Aurora

To unlock the full potential of data in real time, organizations need a modern, cloud-native database strategy centered around streaming data. Industry leaders like Instacart and SecurityScorecard have turned to Confluent to simplify, scale, and modernize real-time data streaming.

Confluent helps enterprises continuously collect and curate changing data from heterogeneous sources, on-premises and in the cloud, and stream it in real time to Amazon Aurora so that every system and application has a consistent, up-to-date, and enhanced view of the data at all times.

From APIs to drag-and-drop UI, pre-built connectors, change data capture (CDC), and continuous SQL-based processing, Confluent simplifies streaming pipelines to Amazon Aurora. Empower your developers to build innovative real-time applications faster, and IT teams to confidently pave a path to cloud migration and transformation.

Connect any data source to Amazon Aurora in real time

Empower your application teams to build using consistent, up-to-date, and enriched views of the data from Amazon Aurora. Leverage Confluent's 120+ pre-built connectors, including CDC, to deploy streaming data pipelines in minutes. Break down data silos and automate real-time data ingestion, preparation, and movement from hybrid and multicloud data sources to Amazon Aurora.

With Confluent sink connectors, you can take the same data in Amazon Aurora and share it with any downstream application or system.
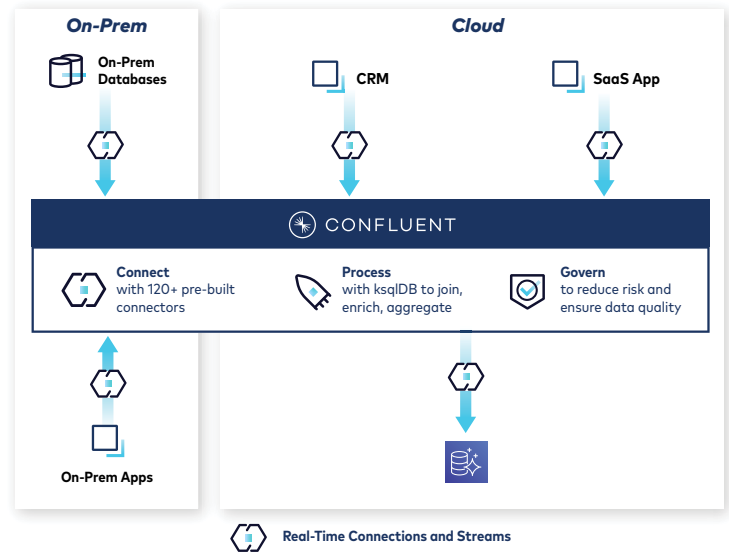
Process data streams at scale

Confluent's native stream processing, ksqlDB, helps you continuously process data using simple SQL to join, enrich, and aggregate data streams before they land in Amazon Aurora.

Any data-dependent system can consume the enriched data streams in real time as soon as new information becomes available.

Govern streaming data pipelines to reduce risk and ensure data quality

Govern your data streaming pipelines to meet internal and external compliance while ensuring data quality for your Amazon Aurora.

Confluent's Stream Governance enables your engineers to discover, understand and trust the data streams, so they spend less time looking for the data and more time innovating for the business.

Stream data from anywhere to Amazon Aurora so you can build with real-time data.

Download our free streaming data pipelines ebook   GET THE EBOOK

To learn more about Confluent's cloud-native data streaming solution on AWS, visit us at www.confluent.io/partner/amazon-web-services.

"With Confluent, every team, every microservice, every system can continuously act and react on the most up-to-date, enriched view of data the moment it's created, enabling us to meet the real-time needs of our customers."

– LUCAS VIECELLI, DATABASE RELIABILITY ENGINEER

Read the story

"Confluent reduced our bottom line from the infrastructure cost perspective, reducing licensing and physical hardware. We reduced our projected yearly cost by 69%… We now had ongoing vendor support and were able to meet on-demand scale with no disruption to our customers."

– JUSTIN DEMPSEY, SENIOR MANAGER, SAS CLOUD

Read the story

"We've seen a significant increase in customer conversion rates–up to 30%… Confluent takes care of everything for us, so our developers can focus on building new features and applications that add value to the business."

– JON VINES, ENGINEERING LEAD

Read the story