STREAMING DATA PIPELINES

Stream Your Mainframe Data in Real Time with Confluent

By integrating your IBM zSystems mainframe with Confluent, you can significantly reduce your processing and networking costs while paving the way to an agile, event-driven architecture, all without disrupting existing mainframe workloads. Build streaming pipelines to connect, process, govern, and stream data to and from the mainframe and deliver real-time applications faster across on-premises, hybrid, and multi-cloud environments.

Bring real-time access to mainframes

Capture and continuously stream mainframe data in real time to power new applications with minimal latency.

Accelerate application development times

Equip your developers to build state-of-the-art, cloud-native applications with instant access to ready-to-use mainframe data.

Increase the ROI of your IBM zSystem

Redirect requests away from mainframes and achieve a significant reduction in MIPS and CHINIT consumption costs.

Future-proof your architecture

Pave an incremental, risk-free path towards mainframe migration, and avoid disrupting existing mission-critical applications.

With over 70% of Fortune 500 companies today continuing to rely on mainframes to power business-critical applications, they have demonstrated tremendous staying power. As important as these systems are, they can be difficult to integrate into today's data-driven businesses, hindering transformation and posing a dilemma for large enterprises. Mainframes weren't designed to interact with cloud-based applications today, and they often incur significant processing and networking costs, impose data silos, and foster a reliance on batch processing.

Leading organizations like Royal Bank of Canada, Alight Solutions and KeyBank have turned to Confluent to augment their mainframe systems and reduce their reliance on batch processing on IBM zSystems, unlock real-time analytics and insights at scale to enable connected customer experiences, improve efficiencies in their backend operations and reduce the operational and licensing costs of their legacy infrastructure.

Why integrate your mainframes with Confluent?

With Confluent, you can unlock the full potential of data from your IBM zSystems at high throughput and low latency and continuously stream changing data in real time to power your cloud-native applications and systems. Gain operational and analytical efficiency, escape the costs incurred by reducing the need for frequent querying and mitigate the risk of modernization with an incremental migration strategy.
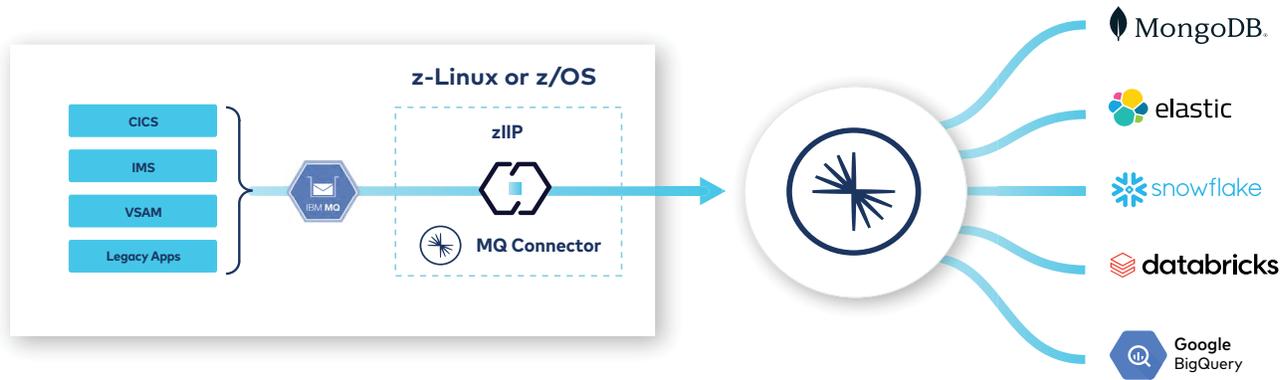
Unlock your mainframe data in real-time, optimize your infrastructure investments, break down data silos, and innovate faster

Connect your mainframe to any data source or destination in real time

Use our rich ecosystem of connectors to bridge mainframes to other applications and systems. With Confluent's extensive library of 120+ pre-built connectors, you can incrementally transition from a legacy, monolithic architecture to an event-driven architecture.

Process real-time mainframe data streams at scale

No more batch or microbatch processing. With Confluent's native stream processing, you can continuously process IBM zSystems data using simple SQL to join and enrich, and aggregate data in-flight and share them in real-time with any downstream system or application.

Govern streaming pipelines to reduce risk and ensure data quality

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

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.

Learn more by reading our free Streaming Data Pipelines Ebook   GET THE EBOOK

We needed a way to rescue data off of these accumulated assets, including the mainframe, in a cloud-native, microservice-based fashion.

– MIKE KROLNIK, HEAD OF ENGINEERING, ENTERPRISE CLOUD

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Our mainframe-based environment is significant and we have to scale it up to meet peak demand during our peak season. The unified data platform enabled us to lower costs by offloading work to the forward cache and reducing demand on our mainframe systems.

– CHRIS ROBERTS, VICE PRESIDENT, ENTERPRISE ARCHITECTURE

Read the story

As we implement more use cases on Confluent, we will reduce our mainframe and legacy message queue costs… We expect to see a measurable reduction in mainframe MIPS, IBM MQ usage, and in our use of ETL process software.

– MICHAEL ROSEMAN, SENIOR VICE PRESIDENT AND CHIEF ARCHITECT

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