Mainframe Migration & Integration With Confluent

Streamline Your Migration & Integration of Legacy Mainframe Systems & Data With Improving

MODERNIZING MAINFRAMES IN 2025

Technology leaders today face mounting pressure to modernize legacy mainframe systems while enabling seamless data integration and real-time streaming across cloud and on-prem environments. These systems, though reliable, often become bottlenecks due to:

- High maintenance costs and vendor lock-in
- Limited scalability and automation
- Security and compliance constraints
- Shrinking talent pool of mainframe experts
- Inability to support real-time data needs

As enterprises strive to deliver intelligent, data-driven experiences, the need to unlock mainframe data and integrate it with modern platforms becomes critical.

MAINFRAME MIGRATION & INTEGRATION WITH CONFLUENT

Improving's Mainframe Migration Service on Confluent Cloud and Platform enables organizations to transition from legacy systems to modern, scalable, and secure data platforms. Our proven approach leverages the following key capabilities:

Key Capabilities

- **Real-Time Streaming Pipelines:** Offload and stream data from mainframes using CDC and Kafka Connect
- **Connector Development:** Build and deploy custom or pre-built connectors for IBM DB2, MQ, COBOL, and other mainframe technologies
- **Cloud-Native Architecture**: Migrate to Confluent Cloud or Platform with support for hybrid and multi-cloud environments
- **Event-Driven Design:** Enable modular, reusable data flows that support agile development and CI/CD practices

Benefits

- **Cost Efficiency:** Reduce MIPS and IOPS costs by offloading batch processes
- **Scalability:** Scale data pipelines dynamically to meet business demands
- **Ease of Access:** Empower teams with self-service access to real-time data
- **Data Integration:** Seamlessly integrate with modern systems like Snowflake, Databricks, AWS, Azure, and GCP

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SECURITY & COMPLIANCE ACROSS INDUSTRIES

Our **Mainframe Migration Service** is designed to meet stringent data governance and security requirements across highly regulated industries in North America.

- Healthcare: HIPAA-compliant data streaming from legacy mainframe systems
- Insurance & Financial Services: Real-time underwriting, claims processing, and fraud analytics from data originating in legacy mainframe environments using Kafka and Confluent
- Public Sector: Secure data mesh architectures for government modernization initiatives.

We ensure observability, lineage tracking, schema validation, and policy enforcement from multiple sources to maintain trust and compliance.

WHY IMPROVING AS YOUR MAINFRAME MIGRATION PARTNER?

Improving brings years of trusted mainframe migration, data engineering, data integration, and data streaming expertise across highly regulated industries and proven success in helping organizations migrate and modernize their legacy mainframe systems.

Trusted Expertise

- **Proven success in mainframe offload and modernization** projects for Fortune 500 clients
- **Deep partnerships with Confluent** and other trusted technology providers such as AWS, Google, & Microsoft
- **Experience across regulated industries**, healthcare, insurance, manufacturing, and public sector domains
- We are an **Elite Confluent Systems Integrator partner** (1 of 34)

Business & Technology Impact

- **Delivered real-time data pipelines** for Medtronic, Centene, Westfield Insurance, and McKesson
- **Built scalable, event-driven architectures** that reduce TCO and accelerate innovation
- **Enabled self-service data platforms and AI/ML solutions** for predictive analytics and operational efficiency

LET'S TRANSFORM YOUR LEGACY MAINFRAME TOGETHER

Modern enterprises can no longer afford to rely on batch-based, monolithic data pipelines. Our mainframe modernization and migration expertise, paired with our strategic partnerships with technology and cloud leaders such as Confluent, AWS, Google Cloud, and Microsoft enable us to deliver scalable, efficient, and modern real-time data pipelines from your legacy mainframe system.

CLICK TO GET STARTED TODAY!

CONFLUENT · aws · Google Cloud · Microsoft Solutions Partner · databricks · snowflake

www.improving.com