



# Our Data Streaming Services & Successes

## Elevate Your Real-Time Data Streaming with Improving & Confluent



### The Challenges of Data Streaming

The enterprise data landscape is dynamic and complex. Accessing quality data is central to the data strategies of leading commercial and public sector organizations. Enterprises face significant challenges in managing and leveraging real-time data that will help drive business decisions. These strategic and operational challenges encompass eliminating data silos, addressing integration complexities, and developing innovative, scalable solutions capable of managing high volumes of data with minimal latency. Traditional data processing methods often are unable to handle these complex challenges, leading to inefficiencies and a lack of helpful and timely insights, further impacting an enterprise's ability to leverage their data to make informed business decisions.

### Why Trust Improving as Your Data Streaming Partner?

Improving is a **Confluent Elite Systems Integrator** and a certified Premier Partner. Our partnership with Confluent allows us to deliver enterprise data solutions that help you process, integrate, and manage your data on-premise or in the cloud.

With Confluent, we deliver resilient, robust event-streaming architectures and solutions that transform how businesses operate. We have extensive experience in designing, deploying, and optimizing your data streaming infrastructure using Confluent's real-time data streaming platform to meet the diverse and unique business needs of your organization. Our team of certified Confluent professionals is dedicated to helping you stay agile, scale effortlessly, and unlock new opportunities for innovation with your data.

Data engineering, integration, and management matters now more than ever, and the challenges surrounding data are only going to increase in prevalence and complexity. With the work Improving does in partnership with Confluent, we ensure you stay ahead in the world of ever-evolving data access and utilization, allowing you to engage in effective strategic planning practices.

### Our Data Streaming Services & Solutions on Confluent

We offer a comprehensive suite of services leveraging Confluent platform, Confluent Cloud, and Flink to transform your real-time data processing capabilities:

- Data Integration & Migration
- Data Modernization
- Data Optimization
- AI & Machine Learning Solutions
- Data Pipeline Management
- Training

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### Our Track Record of Success

Our proven track record includes successful implementations for some of North America's leading technology, healthcare, financial services, and logistics firms. From helping clients in the healthcare sector eliminate data silos and unlock their data to accelerate development time by leveraging Apache Kafka and Confluent to ensuring real-time traceability across distribution centers, our expertise in building scalable data pipelines and stream processing has consistently delivered measurable results for our clients:



Improving assisted Westfield Insurance in modernizing their middleware by deploying Confluent Kafka across multiple environments on AWS, providing developer training, and establishing a self-service framework to enhance data processing and application interaction capabilities.



Improving collaborated with Centene to overhaul their data operations by leveraging Kafka and real-time streaming technologies, transitioning from on-premise to cloud infrastructure, and developing a robust, scalable solution for unified data management.



We automated the deployment process for McKesson's Drug Serialization Repository system across 29 distribution centers using Confluent Kafka, Kubernetes, and GitHub actions, significantly reducing deployment time and ensuring regulatory compliance.



Improving modernized BHE's legacy Java Swing app by migrating it to a cloud-native, React, and Java microservices architecture, utilizing Kafka for event sourcing and domain-driven design, and deploying microservices into Azure.



Our team implemented real-time data pipelines for Medtronic's manufacturing processes using Kafka and Confluent tools, enhancing data visibility, operational efficiency, and decision-making on the factory floor.



We developed a Thrivent Enterprise Integration Datastore (TEID) to consolidate and streamline data from various systems, enhancing accessibility and usability for front-end systems using Confluent's Kafka for real-time data streaming and DynamoDB for fast data storage.

### Our Data Streaming Technology Partners

At Improving, our partnerships with technology and cloud leaders such as Confluent, AWS, Google Cloud, and Microsoft enable us to deliver best-in-class, secure, scalable, impactful and innovative solutions across a multi-cloud environment. Our partner collaborations ensure we provide innovative, reliable, efficient and high-quality services to meet our clients' broad range of needs. Through our partner-driven projects, we have delivered exceptional business value through digital transformations backed by leading data, AI, software, and cloud technologies.