

Our Data Streaming Expertise In Healthcare

Elevate Your Real-Time Data Streaming with Improving & Confluent



The Challenges of Data Streaming In Healthcare

The healthcare data landscape is ever-changing, with a central focus on quality data being critical to the data strategies of leading healthcare organizations. These enterprises face increasingly complex challenges in managing and leveraging real-time data, including eliminating data silos, tackling integration complexities, and developing scalable solutions that handle high volumes of data with low latency. Traditional data processing methods often fall short, leading to inefficiencies and missed opportunities for timely insights. Additionally, healthcare organizations must navigate data security and privacy regulations, ensuring sensitive patient information is protected while maintaining seamless access for authorized personnel. The sheer volume and complexity of healthcare data, such as electronic health records, medical imaging, genomic information, and wearable devices, pose significant challenges, requiring robust systems and processes to ensure accuracy and accessibility.

Why Trust Improving as Your Data Streaming Partner?

At Improving, we are a **Confluent Elite Systems Integrator** and Confluent has certified Improving as a Premier Partner. Our goal in partnering with Confluent is to deliver enterprise data solutions that help you easily identify and use quality data patient and healthcare data.

Our partnership with Confluent allows us to deliver resilient event-streaming architectures and solutions that transform the way businesses and agencies operate. We have extensive experience in designing, deploying, and optimizing Confluent's real-time data streaming platform to meet the diverse and unique business needs of firms in the healthcare sector.

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:

- **Integration & Migration:** Seamless integration and migration services for a smooth transition to Confluent platforms, ensuring **99.9% uptime** and **80% reduced downtime**. This reliability allows your organization to utilize and act on your data at any time.
- **Consulting:** Expert guidance to optimize your Confluent setup, including strategy planning, architecture design, and performance tuning, resulting in **30% cost reduction** and **95% client satisfaction**.
- **Development & Solutions:** Custom Confluent solutions and connectors tailored to meet your unique business requirements, resulting in **10x the data processing speed** and **increasing efficiency by 50%**.
- **Real-Time Data:** Use real-time data for valuable actionable insights and improved decision-making, with faster reporting speed and better data accuracy.
- **Training:** Training programs to help your team gain Confluent expertise and skills.





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Our Track Record of Success | **CENTENE** Corporation

Our expertise in data streaming solutions in healthcare stems from working with clients such as Centene, one of the leading healthcare providers in the US. By leveraging Kafka and Confluent Cloud, our experts unified disparate data streams from various subsidiaries into a coherent platform, significantly enhancing data accessibility and regulatory compliance. This modernization enabled real-time data processing, improved operational efficiency, and facilitated quicker data-driven decision-making for Centene. This solution using Confluent Platform and Confluent Cloud demonstrates our ability to deliver robust, and scalable data streaming solutions in healthcare.

Improving | Your Trusted Technology Consulting Partner

As a Confluent Elite Systems Integrator, we are at the forefront of data streaming and data engineering through our technical design and implementation for cloud, on-premises, and hybrid solutions. Our collaboration with clients extends beyond implementation; we empower them with the knowledge and tools to maintain their Kafka and Flink deployments. Access to data alone is not enough to make informed and impactful data-driven decisions; as technology and business leaders, you need to ensure you are using reliable, accurate, timely, and relevant data to make informed decisions.

The amount of data organizations have is significant and will only continue to grow in volume. Having a solution to sort through and identify useable data is essential for your organization's success. Confluent provides you with enriched, trustworthy, and contextualized real-time data anywhere and at scale.

With our track-record of success, Improving can help you leverage Confluent Platform, Confluent Cloud, and Flink to transform, empower, and elevate how your enterprise executes its data strategy.

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.

