



Real-Time Data

Drive Agility & Innovation Through Our Real-Time Data Expertise



ENGINEERING INSTANTANEOUS MODERN DATA SOLUTIONS

Improving is a trusted software development, consulting, and training firm, leading the charge in delivering cutting-edge services and solutions to our enterprise clients throughout North America. As a Confluent Premier Consulting & SI Partner, we collaborate closely with Confluent, one of the most prominent providers of real-time data technologies, to develop resilient, responsive, and scalable modern data solutions to serve the needs of a diverse range of enterprise clients across multiple industries. We have helped a range of clients implement solutions that have helped them harness, utilize, and action upon their real-time data, including Fortune 25 and Fortune 500 companies.

Our real-time data team has engineered systems for clients to instantaneously retrieve and employ their data across a variety of enterprise systems. We also train client teams on the technologies we implement, leaving them with improved code and a team that is ready to meet your organization's future data needs. Our Real-Time Data experience includes:

- Engineering real-time data systems for Fortune 25 and 500 companies
- Developing event streaming architectures to support real-time data needs
- Providing enterprises expertise in leveraging real-time data technologies
- Training client teams to become leaders of their development teams

HELPING ENTERPRISES EMBRACE REAL-TIME DATA

Embracing real-time data is becoming increasingly crucial for enterprises aiming to stay competitive and agile in today's fast-paced business environment. By leveraging real-time data, organizations can make more informed decisions, respond to changes swiftly, and offer enhanced customer experiences. Whether your enterprise is a startup looking to grow with agility or a multi-billion dollar company, we have the knowledge and expertise to help your organization take full advantage of modern real-time data solutions. We will also bring your teams up to speed on real-time data technologies to help your organization maximize its utilization of its enterprise data through our comprehensive approach to training.



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OUR EXPERTISE IN REAL-TIME STREAMING STRATEGIES

Real-time strategies rely on stream processing, distributed databases, message brokers, and event logging solutions. Our leading team of real-time data experts have the knowledge and expertise in many of the leading technologies and platforms used across a wide range of enterprise architectures. These technologies and platforms include:

- Kinesis
- ScyllaDB
- MongoDB
- Cassandra
- Elastic Search
- Confluent Cloud
- Confluent Platform
- Snowflake
- DynamoDB
- CosmosDB
- ksqlDB
- Elastic Stack
- Sumo Logi

OUR CLIENT SUCCESSES IN REAL-TIME DATA SOLUTIONS

PeopleNet, a Trimble company, had a large, monolithic application that was being decomposed into microservices to decouple from the user interface. This application leveraged sensors in each vehicle that provided a constant stream of real-time data. Improving helped them establish a scalable, responsive, cloud-based real-time streaming data solution to power their microservices. Using our expertise in real-time data, our solution included:

- Streaming Solution – Confluent Platform: Kafka / Kafka Streams / Kafka Connect
- Database – Cassandra / Elasticsearch / S3
- Cloud Hosting – AWS

