

CONFLUENT

# From Monoliths to Microservices: An Event-Driven Architecture

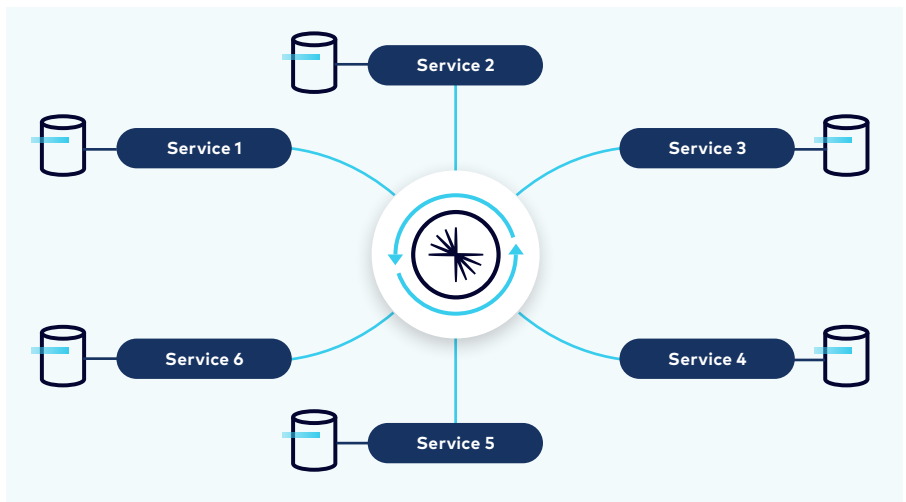
Confluent helps you:

- **Increase Developer Velocity**  
Build streaming applications in days, not weeks or months.
- **Boost Reliability**  
Build highly reliable and fault-tolerant event-driven microservices.
- **Reduce Cost of Ownership**  
Reduce technical debt and costs from legacy monoliths and message queues.

## Migrate from Monoliths to Event-Driven Microservices with Confluent

Back in 2011, Marc Andreessen blogged about “Why Software Is Eating the World”, and it’s just as relevant a decade later. For modern business, software applications are the secret sauce of success. Current approaches with both monoliths and microservices, including REST APIs and MQs for inter-service communication, simply aren’t enough to help keep up with your competitors and to build modern real-time applications. Which is where event-driven architecture (EDA) and event-driven microservices can help.

Confluent, built on top of Apache Kafka®, enables a new class of event-driven microservices by completely decoupling services from one another, and serves as the data backbone for your event streaming applications. As a result, organizations can rapidly build and deploy business applications with greater flexibility, support larger scale, and be more responsive to customer demands.



## Increase Developer Velocity

Remove the operational hassles of cluster management, so your developers can spend more time building applications. With Confluent Cloud, provision serverless Kafka clusters on demand that scale elastically between 0-100 MBps or up to GBps+ scale with just a few clicks. Work in the language of your choice including Java, C, Node.js, Ruby, Go, .NET, or Python. Eliminate inter-service bottlenecks and dependencies so developers can seamlessly connect to any data system while maintaining schema compatibility, version control, and quality assurance with Schema Registry. Build and scale stateful services and stream processing applications, entirely with SQL syntax.

## Build Highly Reliable and Fault-Tolerant Microservices

With Infinite Storage, Multi-Region Clusters, and Stream Governance in Confluent Cloud, facilitate easy data access so each team has access to the right data at the right time for their specific needs. Eliminate performance slowdowns and outages due to slow consumption from downstream consumers. Meet regulatory needs by saving trusted, high-quality data for as long as your business needs.

## Reduce Technical Debt and Messaging TCO

Incrementally modernize from monoliths to microservices using 120+ fully managed pre-built source and sink connectors to reduce the operational costs and technical debt from running legacy applications and message queues. Migrate your supporting data infrastructure at your own pace to a modern event-driven architecture. All with no downtime or business disruption.

### About Confluent

Confluent is pioneering a fundamentally new category of data infrastructure focused on data in motion. Confluent's cloud-native offering is the foundational platform for data in motion—designed to be the intelligent connective tissue enabling real-time data, from multiple sources, to constantly stream across the organization.

To learn about how Confluent can help you modernize your applications or build new streaming applications, check out our [event-driven microservices solutions page](#).

**Get started** with [Confluent Cloud for free](#) and work with real-time data in minutes. New sign-ups receive up to \$400 to spend on Confluent Cloud during their first 60 days. Sign-up is also available through the following cloud marketplaces: AWS, Azure, and Google Cloud. Just getting started with Kafka and looking to learn? Visiting [Confluent Developer](#) is the easiest way to learn Apache Kafka and event streaming.

## What Customers Are Saying



*"Using Confluent-designed microservices has allowed us to cut our go-to-market time in half. Confluent plays a pivotal role in delivering messages between microservices-based applications and connecting all our services as a core foundation."* —Hudson Lee, Platform Engineering Leader, eBay Korea



*"Our legacy platform was built using message queues and technologies that were between 10 and 20 years old. Confluent offers a resilient, low-latency messaging backbone for an architecture that has enabled us to increase agility, streamline DevOps, and shorten time to market."* —Sunarto Rahardja, SVP and Head of Software Development, SGX