



Confluent IR Newsletter

September 2024

Intro

In this edition, as we reflect on Current 2024, we are excited to share key insights and updates, including new product enhancements and the WarpStream acquisition. This edition also highlights our efforts in GenAI and features customer stories that illustrate the real-world impact of our solutions. Join us as we delve into these important developments shaping our future.

As always, please do not hesitate to reach out with questions.

The Confluent IR Team

Current 2024 Highlights



Current Keynotes

Discover how leaders in professional services, media, and automotive industries are harnessing the power of Confluent's DSP and Data Products to revolutionize their operations, how real-time data is driving innovation, transforming decisions, and propelling businesses into the future, our “Shift Left” approach, and the Bring-Your-Own-Cloud (BYOC) approach and how it fits within Confluent's portfolio and offerings. For the complete Day 1 keynote, [watch here](#).

For our tech-savvy readers, we are excited to highlight the keynote on the Rise of the Data Streaming Engineer, featuring a once-in-a-generation paradigm shift, giving rise to this new role. [Watch here](#) for the complete Day 2 keynote.

The “Shift Left” Approach

At Current, Confluent emphasized the importance of the “shift left” approach in data streaming, which involves creating data products as near-real-time streams, as close to the source as possible. By shifting left, organizations can unlock both near-real-time and batch-based use cases across their business, making it easier, safer and cheaper to make time-sensitive decisions. [Learn more](#)

Q3'24 Innovation Updates

The Confluent Q3 '24 Launch
Making stream processing a developer's best friend ❤️❤️

| CONNECT | PROCESS | GOVERN |
|--|--|---|
| <p>Expanding our Connect with Confluent (CwC) Partner Program Access and configure fully managed data streams from directly within 50+ popular data systems. 5 new integrations added in Q3 2024</p> <p>Amazon OpenSearch Cribl MongoDB Relational Migrator</p> <p>drant synthesis</p> <p>HTTP Source & Sink Connectors v2 Two of our most popular fully managed source and sink connectors just got even better!</p> | <p>Bringing Serverless Flink to the Tools and Formats Developers Love</p> <p>Flexible schema management- Use your own schema formats, don't convert stuff.</p> <p>Table API (Open Preview)- Build Flink apps and functions your way with Java, Python.</p> <p>AI Model Inference (Open Preview)- Query your AI models with Flink SQL.</p> <p>More and More Private Networking Expanding to dedicated clusters on AWS.</p> | <p>Client-Side Field Level Encryption Hey compliance teams - we don't see your sensitive data. Encrypt your most sensitive data before it gets to Confluent Cloud.</p> |
| <p>STREAM</p> <p>Easier sizing with new broker and client metrics Need more partitions or capacity? Our Metrics API now includes partition warnings, CKU count, and cluster load. We also updated the UI to show client metrics and versions.</p> <p>Confluent welcomes WarpStream! We're taking data streaming in your own cloud to the next level</p> <p>WarpStream by CONFLUENT</p> | | |
| <p>Build with Confluent (BwC) 11 new partners added in Q3 2024</p> | <p>Confluent OEM Partner Program Enabling MSPs, CSPs, and ISVs worldwide to provide Confluent's data streaming platform</p> | |

Confluent has significantly enhanced its Apache Flink offering by introducing new developer tools and enterprise-ready security features. The update includes support for Table API (open preview) which enables Java or Python developers to easily create streaming applications using familiar tools. AI Model Inference, now in open preview, uses familiar SQL syntax to interact directly with AI/ML models, including LLMs, thereby reducing the need for specialized ML tools and languages. Additionally, new private networking and encryption Flink features have been added, providing a critical layer of security for businesses that need to process data within strict regulatory environments.

Learn more on the latest Flink developments in our announcement [here](#), and other recent innovations in the full Q3'24 bundle blog [here](#).



Partner Ecosystem

Confluent Launches OEM Program to Help Partners Quickly and Confidently Grow their Business with Data Streaming

Confluent has launched a new OEM Program designed to help partners rapidly and confidently grow their businesses with data streaming. This initiative allows CSPs, MSPs, and ISVs to integrate Confluent's industry-leading DSP into their customer offerings, unlocking new revenue streams. Infosys is the first GSI to join the program, offering end-to-end services with Confluent solutions. This program aims to drive innovation and efficiency by leveraging real-time data streaming capabilities. [Learn more](#)

Confluent Invests in Onibex and Psyncopate Amid Increased Demand for Complete Data Streaming Platforms

We announced strategic investments in two regional system integrators, Onibex and Psyncopate, to address the growing demand for comprehensive DSPs. This move aims to accelerate businesses' transition to real-time applications by leveraging Confluent's industry-leading data streaming technology. Onibex focuses on

integrating SAP data with other operational systems using Confluent Cloud, while Psyncopate specializes in TIBCO migrations. These investments will enable Confluent to enhance its offerings and support businesses in their digital transformation journeys. [Read more](#)



WarpStream

Confluent Acquires WarpStream to Advance Next-Gen BYOC Data Streaming

We are excited to have announced the acquisition of WarpStream, which enables customers to use data streaming wherever they want and however they want it. WarpStream's BYOC data streaming architecture is designed for organizations running large scale workloads with relaxed latency requirements in their own cloud environment, perfect for logging, observability, and feeding data lakes. With the acquisition of WarpStream, Confluent now has a data streaming offering for every company no matter the need—whether that's fully managed with Confluent Cloud, self-managed with Confluent Platform, or BYOC with WarpStream. Read the announcement [here](#).

Confluent + WarpStream = Large-Scale Streaming in your Cloud

In this blog, Jay discusses how Confluent is excited to be adding WarpStream's product to our portfolio alongside Confluent Platform and Confluent Cloud to serve customers who want a cloud-native streaming offering in their own cloud account. Confluent's goal is to make data streaming the central nervous system of every company, and to do that we need to make it something that is a great fit for a vast array of use cases and companies. Read more about WarpStream's unique architecture, as well as the great features [here](#).



Data Streaming Insights

How Real-Time Data Streams Are Transforming the Trading Floor

Real-time data streams are transforming trading floors by enabling instantaneous data processing and decision-making, significantly enhancing trading efficiency and accuracy. This shift is driven by the ability to integrate and analyze vast amounts of data from multiple sources in real-time, allowing traders to respond to market changes almost immediately. Platforms like Confluent's data streaming solutions help automate and optimize trading operations, reduce latency, and improve risk management, thereby boosting operational efficiency and opening new opportunities for innovation and competitive advantage in financial markets. [Read more](#)

Confluent Enables Enterprises to Operate in Real-Time

Confluent is revolutionizing enterprise data management with its latest innovations in real-time data processing. Tableflow seamlessly transforms streaming data into structured tables for easier analysis, while Confluent Cloud's enhanced capabilities—including integration with Apache Flink for advanced stream processing and AI Model Inference for real-time machine learning—are setting new standards for data agility and insight. [Read more](#)

AI Insights

Mastering Real-Time RAG with Flink

Commercial and open source LLMs are evolving rapidly, enabling developers to create innovative genAI-powered business applications. However, transitioning from prototype to production requires integrating accurate, real-time, domain-specific data tailored to your business needs and deploying at scale with robust security measures. RAG integrates live data streams with AI models to ensure accuracy and relevance in generated outputs. Learn how customers can use Apache Kafka and Apache Flink in Confluent Cloud to build a RAG-enabled Q&A chatbot that uses real-time airline data. [Read more](#)

How Developers Can Use Generative AI to Improve Data Quality

GenAI, despite its own trust issues, can significantly enhance data quality, which is crucial for building accurate and trustworthy AI-powered applications. Developers can leverage genAI to automate the creation of metadata, reducing the manual workload for data teams and ensuring more consistent and accurate data governance. By generating high-quality metadata, genAI helps maintain data integrity, security, and accountability, which is essential for compliance with emerging data governance frameworks. [Read more](#)



Customer Highlights

How Sencrop Streams Data From 35K Weather Stations to Farms Across Europe

Sencrop, a European agtech startup known for its high-precision ag-weather stations and collaborative network platform, leverages Confluent's data streaming capabilities to enhance real-time data processing and decision-making for farmers. By integrating Confluent Cloud, Sencrop can process over 20 million meteorological data measures daily, enabling farmers to monitor field conditions in real-time and make informed decisions based on ultra-local weather information. This partnership underscores Confluent's commitment to supporting innovative solutions in connected agriculture, driving efficiency and productivity in farming operations.

[Watch here](#)

Apna Unlocks AI Job Matching for 50 Million Users With Confluent & Onehouse

Apna, India's leading job site with over 50 million registered users, has revolutionized its platform by integrating Confluent and Onehouse technologies to enhance AI-driven job matching. This transformation involved migrating from a monolithic architecture with batch updates to a microservices-based system with real-time data streaming and a universal data lakehouse. This new infrastructure has significantly improved Apna's operational efficiency, reduced costs, and doubled their time to

market for new solutions. As a result, Apna now offers an AI-powered matching service that optimizes job search results for both job seekers and recruiters, setting a new benchmark in the industry. [Read more](#)

Recent Events

Jay's Fireside Chat at the Goldman Sachs Communacopia + Technology Conference

At the Goldman Sachs Conference, Jay discussed multiple topics including the recent WarpStream acquisition and its BYOC capabilities, our DSP offering including Flink, GTM strategy, and the future of genAI and need for real-time streaming with Confluent, and more. [Click here for transcript](#)

Rohan's Fireside Chat at the Piper Sandler Growth Frontier Conference

At the Piper Sadler Conference, Rohan discussed our BYOC offering with the recent WarpStream acquisition, SAM and TAM converging, our consumption transformation, partner ecosystem strategy, Flink opportunity, Confluent's role in GenAI, and more. [Click here for transcript](#)
