



# LiveStreamIQ

Monitor smarter. Alert faster. Stay ahead.

Next-generation **Kafka** infrastructure management for enterprise teams.

## Core Features

### Centralized Kafka Monitoring

Monitor multiple Kafka clusters and nodes from a centralized dashboard. Track brokers, topics, consumers, and node health across your kafka infrastructure in real time, identifying performance issues and resolving them faster without switching between tools or environments.

### Topic Migration

Migrate Kafka topics across clusters or environments with minimal disruption, preserving message integrity and consumer offsets throughout the process.

### Real Time Dashboard

A centralized, real-time view of the Kafka cluster presenting log analysis, error trends, system performance metrics, and alerts for efficient cluster management.

### Latency Check

Monitor kafka system latency on a real-time basis and receive immediate notifications on message processing delays to maintain consistent data flow and optimize performance.

### Kafka Logs Management

Centrally collect, manage, and analyze Kafka broker logs in real time. Identify anomalies, trace errors, and maintain a complete log history for operational and compliance purposes.

### Kafka Cluster Infrastructure Resource Utilization

Monitor RAM, CPU, and infrastructure resource consumption of your Kafka cluster directly on the dashboard to track workload performance and generate actionable capacity insights.

## LiveStreamIQ Advantages

### Intuitive GUI for Analytics

Manage Kafka brokers, topics, consumers, and partitions directly from the dashboard. Purpose-built to reduce operational complexity and enable faster, more proactive decision-making.

### Intelligent Alerting

Leverages predictive insights and configurable thresholds to generate smart alerts, enabling teams to identify performance issues and anomalies and mitigate major concerns before it escalates.

### Unified Notification Gateway

Centralizes alert delivery across multiple platforms, notifying teams through alert displays, and email to ensure the right information reaches the right people without delay.

Most **Kafka** monitoring tools only observe. LiveStreamIQ observes, predicts, and lets you act; all from **one** interface.

## BUSINESS ESSENTIALS

### Easy Integration on Enterprise

Seamlessly integrate into your existing enterprise ecosystem without disrupting current operations. Delivers plug-and-play Kafka connectivity with compatibility across popular DevOps tools without compromising existing system performance.

### Scalable for Growing Business

Provides a scalable architecture designed to accommodate increasing workloads without impacting existing infrastructure, allowing your ecosystem to evolve as the organization grows.

## BUSINESS USE CASES

### Payments Enterprise

A global payments enterprise required full visibility across their Kafka clusters, brokers, and consumers, with centralized log access and configuration management in one place. LiveStreamIQ delivered real-time monitoring and troubleshooting capabilities across their entire Kafka infrastructure, turning a scattered, reactive setup into a single focused workflow.



### Stock Broking Firm

A leading stock broking firm ran a three-node Apache Kafka KRaft cluster across four virtual machines in a security-restricted, on-site environment. LiveStreamIQ was evaluated for cluster management, real-time monitoring, and analytics, proving it operates effectively even where external connectivity is completely off the table.

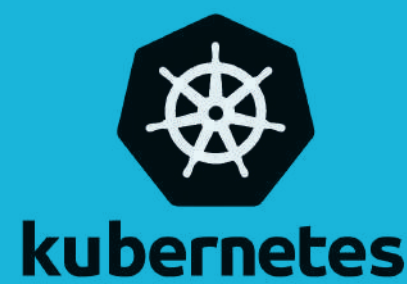
## Supported Kafka Distributions

LiveStreamIQ works across all major Kafka distributions and managed services out of the box.



## Flexible Deployment Options

Deploy LiveStreamIQ on the infrastructure that fits your organization.



## KAFKA ECOSYSTEM MANAGEMENT

### Kafka Connect

Seamlessly connect Kafka with external systems, including databases, APIs, and storage platforms, with reliable, bidirectional data movement across the enterprise ecosystem, reducing development effort and eliminating the need for custom integration code.

### KSQLDB

ksqldb lets your team query live Kafka data streams using standard SQL. Filter, join, and analyze data in real time, generating actionable insights without complex code or additional processing infrastructure.

### Schema Registry

Schema Registry keeps all Kafka producers and consumers aligned on data format, handling schema updates smoothly so downstream systems continue working without errors.

## REGULATORY AND COMPLIANCE

### Role Based Access Control

Enforce predefined access control across your Kafka environment at both system and topic level, ensuring only authorized users and applications can produce or consume specific topics. Unauthorized access is blocked by design, keeping your infrastructure secure and compliant.

### Audit Logs

Maintains detailed logs of user actions and system events, providing a transparent and auditable record of all system activities to support monitoring and compliance obligations.

### Data Masking

Mask sensitive data fields within Kafka messages to prevent unauthorized exposure of confidential information, supporting data privacy requirements and regulatory obligations.

## SECURITY AND GOVERNANCE

### Enterprise Authentication

Supports multiple identity providers with full Active Directory and SSO integration, keeping identity management centralized across your Kafka environment without credential duplication or separate access workflows.

### DC/DR Migration for Kafka Clusters

Enable Kafka disaster recovery and migration across multiple Kafka environments and deployments, ensuring business continuity and zero data loss during planned or unplanned infrastructure transitions.

### Topic Authorization

Control access at the Kafka topic level using Access Control List based permissions tied to each user's principal identity. Only authorized producers and consumers can operate within their defined boundaries.

Ready to **Transform** Your Kafka Workflow?

Schedule a **walkthrough** with our team and see LiveStreamIQ in **action**.



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Discover more!