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Financial data moved to Kafka

The controls **must follow**

Payments, trades, positions, and customer records now move continuously across applications, teams, and environments. But the controls governing that data are still managed separately across services, clusters, and teams.



Regulatory obligations follow the data, not the systems it started in

Every regulated stream carries the same core requirements wherever it moves:

- Protect It
- Control Access
- Establish Ownership
- Prove What Happened

Why this matters now

ENFORCEMENT

7.1B

GDPR fines issued to date. Financial institutions must prove that regulated data remains protected wherever it moves.

DLA Piper GDPR Survey, 2026

IDENTITY

22%

Of breaches begin with stolen or abused credentials. Human and machine access must be governed to the same standard.

Verizon DBIR, 2025

ERASURE

1 month

The window to respond to an erasure request, even on systems designed never to forget.

GDPR Art. 12(3)

Kafka carries your regulated data

Control can leak in four places

- DATA PROTECTION**
Controls vary by application
Encryption, masking, and key handling differ by team.
- AUDIT EVIDENCE**
Evidence arrives too late
Audit records are scattered and assembled after the fact.

- ACCESS CONTROL**
Access becomes hard to govern
Human and agent identities multiply across teams and clusters.
- DATA OWNERSHIP**
Ownership becomes unclear
Data, policies, and exceptions cross organizational boundaries.

Can you answer these questions today?

- ☐ Who can access each regulated stream?
- ☐ Which sensitive fields are protected?
- ☐ Who owns each policy and exception?
- ☐ Could a retry apply one payment twice?
- ☐ Can one customer's data be located and erased when required?
- ☐ Can you trace every policy and administrative change?
- ☐ Who can access each regulated stream?
- ☐ Are machine identities held to the same standard?

The controls governing people must also govern what acts on their behalf.

The identity may change. The compliance obligation does not.

The road to provable governance

01

Scattered Controls
Controls live in individual applications and clusters.

02

Standardized
Common policies exist; enforcement varies by team.

03

Enforced
Controls applied consistently wherever data moves.

04

Provable
Access, protection, ownership, & evidence, governed continuously.



“Think about governance from the moment you stand up the platform, and design it so you can delegate it to the project teams, inside a frame you can industrialize.

— Julien Maillard, Senior Architect, CDC Informatique



CDC INFORMATIQUE

4x

Kafka growth under banking regulation on the same governed platform.



BITVAVO



1.5m +

Users supported under DORA, MiCA, and GDPR, with consistent access, protection, and erasure.

Continuous data deserves continuous governance.



Let's chat about your Kafka