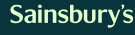
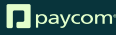
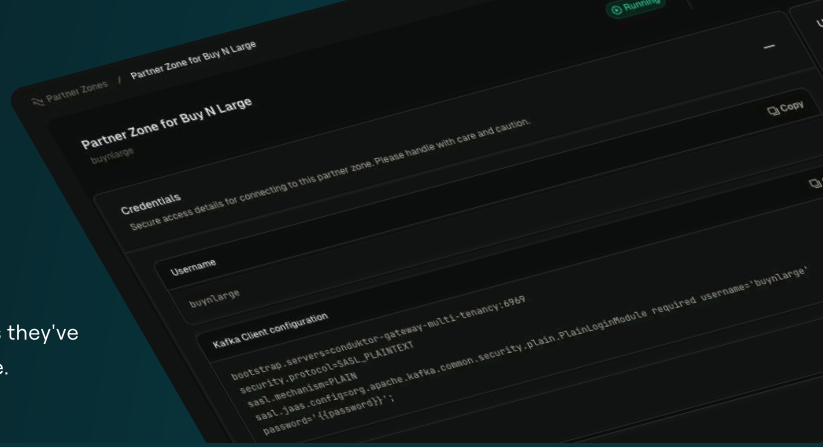


Conduktor Gateway

Route. Protect. Transform.

An abstraction layer that gives platform teams the Kafka controls they've always wanted, without changing a single line of application code.



Augment Your Infrastructure

Kafka is powerful, but it wasn't built for everything your organization needs. Gateway adds the capabilities that aren't there natively so you can tailor Kafka to your requirements, not the other way around.

← User Resource Type | Topic → Resource Name

For Platform Teams

Group	Resource Name
Audit Log	
SSO	o admin@demo.dev bi-reports
Audit Log	o admin@demo.dev order-rejected
Alerts	o admin@demo.dev order-validated
API Keys	o admin@demo.dev payment

Scale Kafka across teams without multiplying infrastructure or complexity.

```
Customers_json
{customer_id":1003,"first_name":Paul,
{customer_id":1002,"first_name":John
"first_name","*****"
"last_name","*****"
"email","*****"
```

For Security & Compliance

Enforce encryption and data policies at the infrastructure layer, not in application code.

KEY USE CASES

Disaster Recovery

Automated failover and chaos testing to validate recovery procedures safely.

Third-Party Data Sharing

Isolated Partner Zones for external access. Unlock new revenue streams.

Security & Data Protection

Centralized encryption, data quality, and compliance at the proxy layer.

Migration & Efficiency

Consolidate clusters and migrate to cloud with zero downtime or code changes.

Routing, Resilience & Multi-tenancy

Core proxy capabilities that connect clients across networks, automate failover, and consolidate infrastructure.

Client Routing & Access Control

Eliminate network barriers and centralize authentication across hybrid environments.

- Cross-network connectivity without client config changes
- Centralized schema management with per-subject authorization
- Simplified authentication across hybrid deployments

Application Resilience

Maintain continuity during cluster migrations and failover without client-side changes.

- Zero-downtime migrations between any Kafka providers
- Seamless failover with unified state switching
- Test resilience by injecting broker failures, latency, and corruption

Multi-tenancy & Virtualization

Deliver isolated Kafka environments to multiple teams without the cost of separate clusters.

- Lower infrastructure costs with isolated logical environments
- 90%+ partition reduction by concentrating low-volume topics
- Transparent topic renaming without client changes

Performance & Efficiency

Reduce broker load and serve filtered views without duplicating data or adding infrastructure.

- Filtered views without duplication using SQL-based projections
- Faster high-frequency reads by caching messages in memory
- Transparent large payload offload to S3 or Azure Blob

External Data Sharing

Share Kafka data with external partners without exposing infrastructure or duplicating pipelines.

Partner Access & Data Sharing

<p>Control external access through isolated virtual clusters with rate limits</p>	<p>Adapt formats automatically for external consumption without dual-writes</p>	<p>Share without duplication using topic views tailored per partner</p>	<p>Track usage for billing with per-partner consumption metrics</p>
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Data & Platform Protection

Prevent misconfigurations, enforce data quality, and protect sensitive data at the proxy layer.

Platform Guardrails

Eliminate noisy neighbors with rate limits per tenant or virtual cluster

- ✓ Prevent production issues by enforcing naming, partition, and retention policies
- ✓ Enforce organizational standards before issues reach production
- ✓ Enforce best practices by requiring acks, compression, and idempotence
- ✓ Control metadata centrally by transforming headers without code changes

Data Quality

Stop malformed data at the source, not after it breaks downstream systems

- ✓ Detect degradation early by validating against Avro, Protobuf, or JSON Schema
- ✓ Block bad data at the source with expression-based cross-field validation
- ✓ Protect downstream systems by routing invalid records to dead letter topics
- ✓ Flexible enforcement to block individual records or entire batches

Data Confidentiality

Centralized encryption across all applications without per-team implementation.

- ✓ Protect fields selectively while keeping the rest of the message readable
- ✓ Prevent config drift with standardized connections to Vault, AWS, Azure, GCP, and Fortanix
- ✓ Enable analytics on protected data with format-preserving tokenization
- ✓ Delete data without touching messages via crypto shredding

Data Integrity

Verify message authenticity and detect tampering for audit and chain-of-custody.

- ✓ Prove message authenticity with transparent cryptographic signing
- ✓ Detect tampering automatically with configurable drop or alert policies
- ✓ Manage signing keys centrally with versioned storage via Vault

Measurable Impact

Real results from platform teams using Conduktor.

UP TO
95%

Faster Recovery
vs. manual failover

CUT BY
97%

Partner Onboarding
From 6 months to 2 weeks

ACHIEVE
Zero

Config Drift
Encryption & policies enforced
uniformly across all apps

REDUCE
20-40%

Infrastructure Costs
Through consolidation & migration

AUTOMOTIVE

Global Automotive OEM

Turned Warranty Data into a \$2M+ Revenue Stream Across 50+ Dealership Partners

A Fortune 100 manufacturer sharing warranty and telemetry data via weekly CSV exports used Gateway's Partner Zones to create isolated virtual clusters per region with field-level encryption, topic aliasing, and per-partner rate limiting, without exposing infrastructure or duplicating pipelines.

"Conduktor turned our warranty data from a cost center into a revenue stream. We onboard new dealership partners in 2 weeks instead of 6 months, and dealerships love the real-time data."

— Head of Data Partnerships, Global Automotive OEM

Works with your existing infrastructure



Ready to see
Gateway in action?

Book a technical demo to see how Gateway adds enterprise controls to your Kafka infrastructure.

[Book A Demo](#)