

meshIQ Core: Middleware Operational Intelligence

Assure every message, optimize every platform.



Executive framing.

Middleware is the circulatory system of digital business. Payments, orders, trades, and customer interactions depend on reliable message delivery. Yet most enterprises operate with fragmented tools, manual processes, and growing risk.

Across IBM MQ, Kafka, ActiveMQ, Solace, and RabbitMQ, native consoles lack standardization, automation, and compliance readiness. The result?

- 50–70% of expert time wasted on firefighting
- Modernization projects that stall
- Audits that take weeks
- Idle licenses and hardware wasting millions

meshIQ Middleware Operational Intelligence closes this gap.

It overlays your existing brokers to unify operations, accelerate modernization, and deliver audit-ready visibility across every message and system.

How we deliver value.

Lean operations.

Operations today are manual and siloed across brokers, consuming scarce expert time.

With meshIQ, automation handles provisioning, DLQ clearing, and partition balancing across all brokers. Developers gain governed self-service, and offshore teams work safely from masked dashboards.

Results:

- 50–70% less manual workload
- 70% faster MTTR
- 40% fewer global escalations
- Lower OPEX and reduced dependency on scarce specialists

Modernization with confidence.

Modernizing from MQ to ActiveMQ or Kafka is slow and risky when each platform operates in isolation.

meshIQ provides cross-broker validation and unified standards for capacity, compliance, and reporting. It ensures continuity across legacy and modern workloads, accelerating migrations and lowering cost.

Results:

- 30–50% faster modernization cycles
- Zero-downtime cutovers
- Deferred license renewals and optimized hardware utilization

Visibility that drives outcomes.

Monitoring tools show metrics; they don't show continuity.

meshIQ delivers unified, long-term lineage across brokers, SLA dashboards, and audit-ready evidence.

Results:

- 60% faster root-cause analysis
- 70% reduction in audit prep time
- Proven compliance and regulator trust
- Millions saved in license optimization and reduced audit labor

Who benefits?

Role	Value
CIO / CTO	Modernize safely and standardize operations across brokers, de-risking transformation.
CFO / VP Finance	Optimize license spend, defer renewals, and reduce OPEX by up to 30%.
COO / Operations	Protect SLAs and ensure resilience across distributed systems.
Compliance & Risk Leaders	Access immutable lineage and exportable audit packs in hours, not weeks.
Middleware / Platform Engineering Teams	Governed self-service, unified automation, and consistent ops model across MQ, Kafka, ActiveMQ, Solace, RabbitMQ.
Global NOC / Offshore Teams	Resolve issues locally through masked dashboards, reducing escalations.



What makes meshIQ different.

- **Beyond broker tools:** native consoles are siloed and inconsistent. meshIQ unifies them into one operational framework.
- **Beyond monitoring:** monitoring shows uptime – meshIQ proves continuity and SLA integrity.
- **Beyond scripts:** homegrown automation breaks with each upgrade; meshIQ standardizes automation with governance built-in.
- **Compliance-first:** immutable, regulator-trusted evidence packs reduce audit prep by 70%.
- **Vendor-neutral:** works across MQ, Kafka, ActiveMQ, Solace, and RabbitMQ – no replatforming required.

Measurable business value.

Operational efficiency

- 50–70% reduction in manual workloads
- 70% faster MTTR
- 40% fewer escalation

Modernization success

- 30–50% faster migrations
- Deferred license renewals and lower hardware spend
- Zero downtime during cutover

Compliance confidence

- 70% faster audit preparation
- Immutable, regulator-trusted lineage

Financial ROI

- Millions saved annually in OPEX and license optimization
- Typical payback in under 9 months

Proven in the field.

- **Global Bank:** Migrated 40% of MQ workloads to Kafka with zero downtime using unified validation.
- **Retailer:** Adopted Kafka for microservices while retaining ActiveMQ for dev/test, reducing parallel run costs by 35%.
- **Manufacturer:** Deferred \$2M in MQ license renewals through capacity optimization.
- **Insurer:** Cut audit prep from 3 weeks to 3 days using meshIQ's immutable lineage.

Industry applications.

- **Global Bank:** Financial Services: Assure payments and trading flows, simplify ISO 20022 migrations, protect SLA integrity.
- **Retail & E-Commerce:** Prevent outages during peak events, streamline modernization to Kafka for microservices.
- **Healthcare & Life Sciences:** Guarantee HIPAA/GDPR compliance with immutable, long-term message lineage.
- **Telecom & Media:** Balance workloads, prevent partition lag, and assure customer experience.
- **Manufacturing & IoT:** Maintain production continuity, optimize hardware, and ensure audit-proof telemetry.

Modernization without operational intelligence is risk.

With meshIQ, it's assurance. Choose one middleware domain — MQ, Kafka, or ActiveMQ.

In just 2 weeks, we'll show you how much manual effort can be eliminated, how much capacity can be reclaimed, and how much risk can be reduced.

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