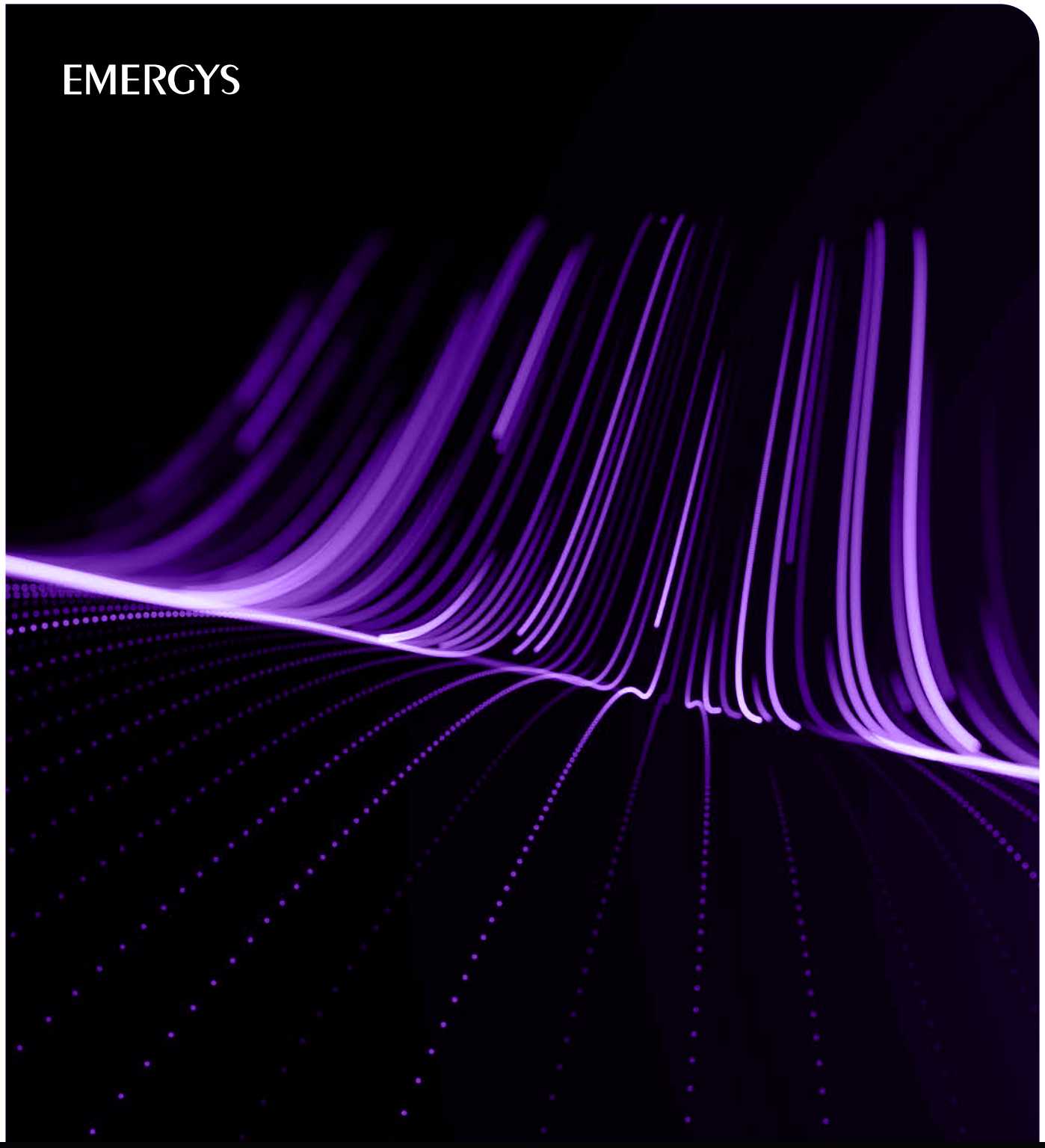
EMERGYS



IBM MQ MIGRATION AND MODERNIZATION PROGRAM WITH EMERGYS

SUMMARY

Running legacy versions of IBM MQ (v9.2 or older) exposes your critical infrastructure to security vulnerabilities, non-compliance penalties, and a lack of official IBM support.

Emergys delivers a frictionless, zero-downtime migration path to the latest stable release **(IBM MQ v9.4+)**, ensuring your enterprise messaging backbone is secure, cloud-ready, and fully supported.

By leveraging our Mexico-based Center of Excellence, you gain top-tier IBM Certified Architects at a highly optimized Nearshore cost structure.

SCOPE OF WORK: OUR 4-PHASE FIXED-PRICE APPROACH

To instill confidence in the US market, we have structured the project into four fixed phases with clear deliverables.

PHASE	DESCRIPTION	KEY DELIVERABLES
Discovery & Assessment	Audit of current MQ infrastructure, Queue Managers, channels, and application dependencies.	• Topology Map • Compatibility Matrix • Risk Assessment Report
Architecture Design	Definition of the target architecture (On-Prem, Hybrid, or Containers/OpenShift) and migration strategy.	• Migration Blueprint • Fallback & Rollback Plan • Security Hardening Guide (TLS 1.3)
Execution & Migration	Side-by-side or in-place upgrade execution in lower environments, followed by Production cutover.	• Upgraded MQ Environment • Zero-Downtime Cutover Execution • Testing Validation Sign-off
Hypercare & Handover	Post-go-live monitoring, performance tuning, and team training on new features.	• 2 Weeks of 24/7 Hypercare • As-Built Documentation • Knowledge Transfer Session

WHY EMERGYS? THE NEARSHORE ADVANTAGE FOR US ENTERPRISES

20+ YEARS

IBM Premier Certified Partner

Time-Zone Alignment

Unlike offshore alternatives, our engineers operate in your exact time zone (EST/CST/PST), ensuring real-time collaboration & seamless maintenance windows.

Cost-Efficiency

Reduce your professional services spend by up to 40% compared to the US-local consultancies, without compromising on technical expertise or communication quality.

- **IBM Certified Expertise :** Our team consists of senior integration architects with deep experience (+20 years) in complex, distributed systems, and cloud deployments.
- **Security & Compliance Focus :** We align the upgrade with US standards (HIPAA, PCI-DSS, SOX), implementing advanced features like Advanced Message Security (AMS) and updated cipher specs.

KEY TECHNICAL BENEFITS FOR THE CLIENT'S BUSINESS CASE

Security & Resilience

Access to TLS 1.3, stricter security configurations, and native high availability (Uniform Clusters / Replicated Data Queue Managers, Native HA and Cross Region Replication).

Future-Proof Integration

Native REST APIs, improved container support (DevOps/K8s friendly), and readiness for AI-driven operation assistants.

Reduced Total Cost of Ownership (TCO)

Better performance per core, allowing license optimization and lower infrastructure footprint.

NEXT STEPS: RISK-FREE ASSESSMENT

To initiate this engagement, Emergys offers a **Complimentary 3-days Preliminary Assessment.** We will review your current version status and provide a high-level estimation of your migration effort.

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