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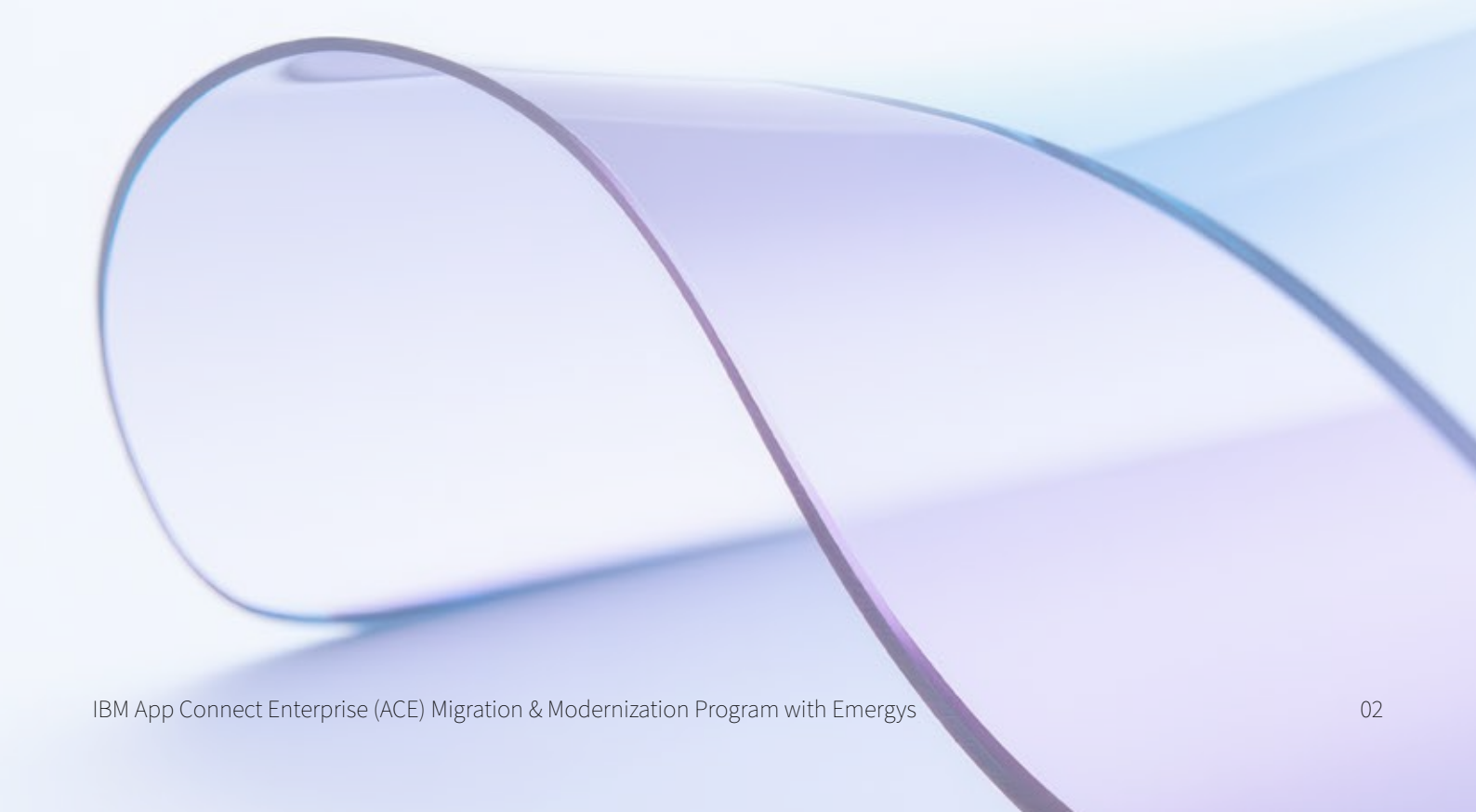
IBM APP CONNECT ENTERPRISE (ACE) MIGRATION AND MODERNIZATION PROGRAM WITH EMERGYS

FROM ACE V12 TO ACE V13

EXECUTIVE SUMMARY

Maintaining your integration infrastructure on IBM ACE v12 limits your ability to scale in cloud-native environments and restricts your access to the latest performance, security, and AI-driven optimizations.

Emergys delivers a structured, low-risk framework to migrate your current integration workflows to **IBM ACE v13.** Leveraging our **Nearshore Center of Excellence** in Mexico, we guarantee that your critical integration assets (ESQL, Java, DFDL, graphical maps) are thoroughly tested, optimized, and deployed onto the new version with zero operational disruption, significantly lowering your total project cost.



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

ACE migrations demand a deep understanding of data transformations and dependencies. We de-risk the process by dividing the effort into four transparent, milestone-driven phases:

Phase	Description	Key Deliverables
1. Discovery & Impact Analysis	Comprehensive inventory of Integration Nodes/Servers, message flows, REST/ SOAP services, ESQL/ Java code, and third-party extensions.	• Flow Inventory & Dependency Matrix • Deprecated/Obsolete Code Report • Regression Testing Strategy
2. Target Architecture Design	Definition of the deployment model for ACE v13 (Traditional VM vs. Containers/ OpenShift/Cloud Pak for Integration) & infrastructure planning.	• Target Architecture Blueprint • Configuration Migration Plan (Policies, BAR files) • Automated Testing Framework Guide
3. Migration & Refactoring	Artifact conversion, updating Java libraries, fixing code incompatibilities, compiling in the new v13 Toolkit, and performing unit testing.	• Migrated & Validated BAR Files • Unit & Load Test Execution Reports • Production Cutover (Canary or Blue/ Green)
4. Stabilization & Optimization	Monitoring message flow behavior under real production loads, memory adjustments (JVM tuning), and client team enablement.	• 2-Week 24/7 Post-Go-Live Support (Hypercare) • As-Built Technical Documentation • New Feature Workshop (ACE v13 Capabilities)

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THE EMERGYS NEARSHORE ADVANTAGE FOR US ENTERPRISES

20+ years

IBM Premier
Certified Partner

Operational Continuity (Same Time Zone):

Integration maintenance windows usually happen during the dead of night. Our engineers operate in your exact time zones (EST/CST/PST), eliminating the communication lag and overhead associated with traditional offshore teams in Asia or Europe.

Integration Specialists, Not IT Generalists:

We possess deep, specialized expertise in the IBM Integration stack (MQ, ACE, API Connect). We understand complex architectures and legacy code transitions (such as MRM to DFDL mappings).

Financial Efficiency:

Highly competitive professional services rates that allow you to justify an immediate ROI to your CFO.

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KEY TECHNICAL BENEFITS OF ACE V13 FOR YOUR BUSINESS CASE

To secure C-level (CTO/CIO) buy-in, we focus on how ACE v13 directly enhances operational efficiency:

Ultra-Lightweight Cloud-Native Architecture:

ACE v13 dramatically reduces the memory footprint and container startup times for independent Integration Servers. This directly slashes infrastructure costs across AWS, Azure, or IBM Cloud.

Advanced API-First Support:

Native, end-to-end compatibility with OpenAPI 3.0, enabling your team to expose, consume, and manage microservices faster and more securely.

Intelligent Connectivity and Mapping:

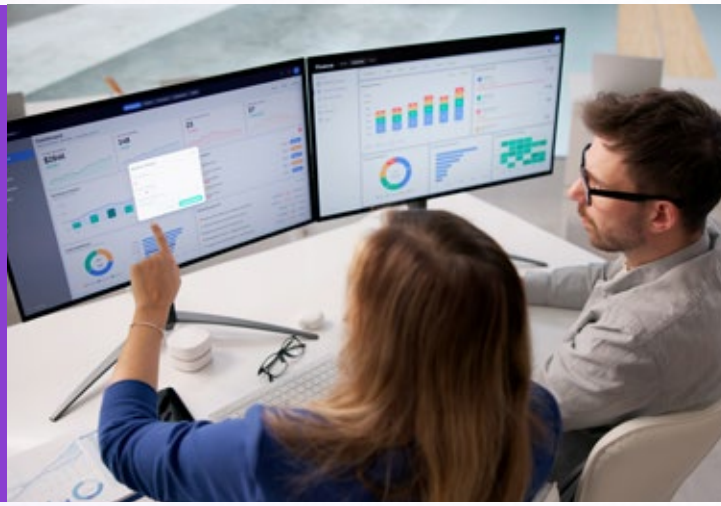
Newer AI-assisted data mapping capabilities that accelerate the development of future integrations and reduce time-to-market.

Hardened Security:

Upgraded internal components (including Java 17+ and updated Node.js runtimes) that proactively mitigate vulnerabilities and satisfy strict corporate audit requirements.

NEXT STEPS: COMPLIMENTARY ASSESSMENT

To demonstrate our capabilities without any initial **commitment, Emergys offers a Complimentary 3-Day Technical Assessment.** Our senior architects will analyze a sample of 3 of your most complex current BAR files to identify migration impacts and provide an accurate, fixed-price effort estimation.



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Accelerating the Digital Enterprise

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