



Success Story

How a Global Bank Achieved 60% Faster Deployments

A real-world banking transformation powered by Xoriant's automation expertise

The client, a global bank managing 20+ interconnected applications, faced challenges in achieving consistent and error-free deployments across multiple environments. Manual mapping, configuration drifts, and environment-specific variations caused frequent delays and operational inefficiencies.

Challenges

The client was battling a complex mix of legacy and modern technologies, frequent deployments, and stringent compliance requirements leading from:

Complex Multi-App Packaging

20+ applications deployed with interdependencies via IBM MQ, creating manual complexity.

Deployment Accuracy

Manual mapping of applications to environments led to frequent rollout errors.

Dynamic MQ Object Management

MQ objects needed reliable synchronization across environments.

Environment-Specific Configurations

Configuration differences caused deployment failures.

Solution

Xoriant developed and implemented the **RelOps Framework** — a modular, object-oriented **Deployment Automation Accelerator** using **Python** and **XML**.



Automated Application Packaging

Full and patch builds handled dynamically per environment.



Environment-Aware Deployment Logic

Automated mapping of servers and configurations using manifest-driven logic.



IBM MQ Object Lifecycle Automation

Streamlined creation, modification, and validation of MQ objects per release.



Operational Automation

Managed start/stop/restart sequencing and dynamic config regeneration to ensure smooth operations.



Reusable & Scalable Design

Framework adaptable across application portfolios and environments.



Centralized Deployment Dashboard

Real-time visibility across environments for better control and traceability.

Business Value

60%

Faster Deployments

Cut rollout time from hours to minutes.

100%

Accuracy

Automation removed manual mapping errors.

Lower

Risk

Consistent, auditable release process.

Scalable

Framework

Reused across multiple banking apps.

Technology Stack

Python | XML Parsing | Shell Scripting | Ansible | Jenkins

Xoriant provides advanced technology solutions and software development services for global banks, software product companies and F500 market leaders. Based in the U.S. with 18 global offices and 5000+ engineering professionals, Xoriant demonstrates exceptional experience in banking and finance infrastructure modernization and cloud migration. We deliver expert digital engineering, as well as offsite and offshore services, across high tech, healthcare, pharma, industrial manufacturing, telecom, and automotive sectors. Customers credit technological innovation and delivery excellence for our shared success over three decades.