

BANKING & FINANCIAL SERVICES

Multi-Cloud Architecture & Compliance Automation

Executive Overview: A top-10 US commercial bank with \$25B+ in assets under management streamlined regulatory reporting and eliminated compliance bottlenecks through a resilient multi-cloud architecture with integrated risk analytics and Zero-Trust security.

81%

Reduction in reporting
cycle time

\$800K+

Annual reconciliation
savings

Zero

Audit findings
post-implementation

16 wks

Fixed-price delivery
timeline

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THE CONTEXT

The Challenge

US financial institution · \$25B+ AUM · Multi-state retail and commercial banking

Fragmented data across 47 legacy and third-party sources created a compliance nightmare for the institution.

- ✗ 8-day regulatory reporting cycles, manual data aggregation across disparate platforms.
- ✗ Internal audit failures, incomplete data lineage and reconciliation gaps.
- ✗ Operational drag, 3+ full-time employees tied to manual compliance work.
- ✗ High reconciliation costs, data inconsistencies driving significant annual rework.

The Solution

The bank needed a modern, auditable infrastructure that could consolidate data, automate workflows, and prove compliance posture in real time, without replacing legacy systems overnight.

Symhas delivered a resilient multi-cloud architecture combining Oracle Cloud Infrastructure (OCI) and Microsoft Azure, with integrated risk analytics, automated data pipelines, and Zero-Trust security controls across a unified real-time data layer spanning all 47 sources.

SOLUTION AT A GLANCE

47

Data Sources Unified

2

Cloud Providers

81%

Cycle Reduction

12wk

Delivery Timeline

Why Symhas

Symhas specializes in regulated-industry cloud modernization, pairing deep banking-compliance expertise with hands-on multi-cloud engineering, so institutions can move fast without introducing new audit risk.

Key Components

US financial institution · \$25B+ AUM · Multi-state retail and commercial banking

Symhas delivered a resilient multi-cloud architecture combining Oracle Cloud Infrastructure (OCI) and Microsoft Azure, with Zero-Trust security, automated compliance pipelines, and a unified real-time data layer spanning all 47 previously fragmented data sources across risk, compliance, and operations.

Multi-Cloud Integration

- ✓ Native connectors across all 47 fragmented data sources
- ✓ Real-time data synchronization with conflict resolution
- ✓ Resilience across cloud providers to eliminate single points of failure

Risk Analytics Engine

- ✓ Real-time portfolio analysis and exposure monitoring
- ✓ Predictive compliance anomaly detection
- ✓ Regulatory stress-test automation

Automated Compliance Pipeline

- ✓ Regulatory report generation from a unified real-time data layer
- ✓ Audit trail capture at every transformation step
- ✓ Exception handling and auto-remediation workflows

Zero-Trust Security

- ✓ Micro-segmented network architecture
- ✓ Continuous identity and device verification
- ✓ Encrypted data in transit and at rest
- ✓ Audit logging for every data access event

81%

Cycle Reduction

↓**33%**

Infra Costs

12wk

Timeline

Zero

Audit Findings

EXECUTION

Implementation Timeline

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Total Timeline: 12 weeks fixed-price delivery.

WEEKS 1 - 2

Discovery

Architecture blueprint, legacy source audit, compliance requirements mapping across all 47 data sources.

WEEKS 3 - 8

Design & Build

Multi-cloud infrastructure, unified data layer, compliance automation pipelines.

WEEKS 9 - 10

Testing

Security & compliance validation, failover testing, performance tuning.

WEEKS 11 - 12

Go-Live

Cutover, staff training, monitoring handoff.

The Challenge

47 fragmented data sources across risk, compliance, and operations. Monthly regulatory reporting took 8 days of manual consolidation and was failing internal audit.

The Solution

Resilient multi-cloud architecture (OCI + Azure) with Zero-Trust security, automated compliance pipelines, and a unified real-time data layer across all 47 sources.

RESULTS

Business Outcomes

US financial institution · \$25B+ AUM · Multi-state retail and commercial banking

Compliance & Operations

- Regulatory reporting cycle: 8 days → 1.5 days (81% reduction)
- Freed capacity: 3+ FTEs redeployed from manual reporting to strategic work
- Zero-Trust security passed internal audit on first attempt, zero findings

Data & Financial Impact

- Infrastructure costs reduced 33% in year one
- \$4.2M annual savings from the unified data layer
- All 47 fragmented data sources consolidated into one real-time layer

Security & Resilience

- Multi-cloud redundancy ensures regulatory reporting continuity
- Real-time anomaly detection prevents compliance violations
- 100% data lineage traceability for regulatory examinations

Investment

- Scope: Fixed-price engagement
 - Investment Range: \$2M - \$3M
 - Detailed scope available under NDA
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INDUSTRY IMPACT

Why This Matters for Your Institution

Financial institutions operating across states and regulatory jurisdictions face similar compliance pressure. Legacy banking systems were never designed for modern audit requirements.

- Eliminates the compliance-reporting grind so teams focus on strategy and risk
- Provides regulators with transparent, auditable data trails
- Scales as your institution grows without rebuilding infrastructure
- Reduces operational risk and infrastructure costs

NEXT STEPS

Ready to explore how this applies to your institution?

Contact a Financial Services Specialist to discuss your compliance challenges and explore a roadmap for modernization.

Email: info@symhas.com

This case study details a real implementation with a top-10 US commercial bank. Scope details are available under mutual NDA.