Transform financial services complexity into your greatest asset with Dynatrace and AWS

Revolutionize your cloud operations with AI-powered observability

The financial services industry faces unprecedented challenges: accelerating digital transformation with AI and agentic solutions, ensuring regulatory compliance, managing complex hybrid environments, and delivering exceptional customer experiences while controlling costs.

Compounding these difficulties is the fact that many of these organizations use a plethora of tools, and each produces an overwhelming amount of telemetry data to manage. Ultimately, this leads to tool sprawl, silos, and poor performance.

The strategic collaboration between Dynatrace and Amazon Web Services delivers a comprehensive solution that addresses these critical needs through AI-powered observability, automated operations, and enterprise-grade security.

Dynatrace and AWS simplify cloud management, bringing together Dynatrace AI-powered observability and automation with AWS's leading cloud infrastructure and vast portfolio of services, including compute, storage, databases, and advanced capabilities like Amazon Bedrock for generative AI applications and agents.

This collaboration empowers financial institutions to stay on top of regulatory challenges, innovate faster, enhance security, and deliver superior customer experiences.

With real-time insights and automated intelligence, your organization can reduce risk, resolve issues swiftly, and optimize cloud investments — driving business growth and efficiency.

TRANSFORMATIVE USE CASES FOR FINANCIAL INSTITUTIONS

Streamlining operations with precision

- **Digital transformation in banking:** Dynatrace provides real-time insights and automated management across AWS environments. Dynatrace and AWS offer the reliability firms need to prevent payment system failures with real-time monitoring and alerting of transfer issues, automated mechanisms to handle failed transfers and exchange rate differences, and more.

- **Security enhancement:** Dynatrace enhances AWS security with predictive, causal, and generative AI for secure innovation at scale, so financial institutions can proactively identify vulnerabilities with AI-driven application security, promoting resiliency against cyber threats.

- **Compliant and cost-effective:** Dynatrace and AWS enable firms to proactively manage risk and demonstrate operational excellence with end-to-end visibility into the trading lifecycle and real-time detection of technical and business-critical issues. This enables them to increase the number of trades settled accurately and on time while reducing regulatory breaches and associated fines.

PROVEN CREDENTIALS

Trusted partnership and industry recognition

- **AWS leadership:** AWS's robust cloud infrastructure, trusted by over 95% of Fortune 500 companies, provides a secure foundation for innovation.

- **Dynatrace expertise:** An AWS Partner since 2014, Dynatrace serves more than 3,600 enterprise customers and holds 7 AWS competencies, including ML, security, and GenAI.

Driving customer success in financial services

Agos

Challenge

The firm needed to deliver consistently reliable services and rapid credit decisions.

Solution

Dynatrace on AWS enabled end-to-end observability across the tech stack, from AWS to on-prem.

Outcome

- 50% reduction in log management costs
- Digital signing success rates improve from 70% to 95%
- Unified insights drive 12 point NPS increase

> **Comprehensive observability is so critical.** With real-time insights, we can swiftly pinpoint issues, address potential problems proactively, and continuously enhance our digital services."
>
> — **Sergio Novelli,** CIO, Agos

First National Bank of Omaha

Challenge

The institution needed to shift to cloud-native infrastructure without losing performance insight.

Solution

Dynatrace on AWS offered AI-powered observability, including mainframe monitoring.

Outcome

- Reduced mean time to detect and resolve issues
- Consolidated tools, improved customer experience
- Enabled proactive monitoring

> **Tool consolidation was a major priority for us in our modernization drive,** and bringing a diverse array of application insights into one solution was a top priority."
>
> — **Sean Kent,** Senior Site Reliability Engineer, First National Bank of Omaha

Strategic alignment for continuous innovation

Dynatrace's seamless integration with AWS offerings, including CloudWatch, EKS, and Lambda, among many others, helps to support comprehensive visibility and operational efficiency. This strategic partnership promotes innovation and transformation across the financial services and banking industry, enabling organizations to stay ahead, compliant, and secure in a competitive market.

Transform your financial services organization

Discover how Dynatrace and AWS can revolutionize your cloud operations and drive unparalleled business success. Contact us today to explore the transformative power of our solutions.

Get started with a demo or free trial.

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