ORACLE

Oracle Cloud Infrastructure for Financial Services

Challenges facing financial services in the modern digital world

Evolving technology has put the path to the cloud within reach for the financial services industry. While concerns ranging from security and compliance to mission-critical availability still exist, financial institutions need to keep pace with the shifting expectations of the marketplace. Spurred by changing customer expectations, new business models, competitive innovation, and consistent pressure to increase efficiency and meet new regulatory requirements, finance companies are now moving to the cloud and looking to completely transform how they've done business over the last few decades.

But with so much at stake, what's the best way to achieve this transformation?

Why choose Oracle for financial services?

Oracle is a leader in the financial services industry, with more than 8,500 customers across 140 countries. With solutions spanning key financial services functions (including save, lend, pay, protect, and invest), companies are moving critical trading, finance, fraud detection, and payment software to Oracle's cloud. Using cutting-edge technology, such as blockchain, lakehouse analytics, and high-performance computing (HPC), Oracle drives innovation by providing deep insights into customer behavior, preventing financial crimes, accelerating the close process, and improving risk management.

> "We have moved several data workloads from our on-premises data centers, our colocation facilities, and other public cloud companies onto Oracle Cloud Infrastructure. In every instance, we have increased performance by 40%, reduced cost by 60%, increased reliability, and increased resilience."
>
> **Mervyn Lally, Experian**

HSBC

HSBC is currently working with Oracle to launch a banking-as-a-service offering that will enable customers to create and provide business services through their own platforms.

GENERALI

Generali used OCI's human capital management platform to support their 70,000 employees in 40 countries and to improve recruitment, retention, employee engagement, and internal diversity tracking.

Get to know Oracle Cloud Infrastructure

Built from the ground up to be a better cloud for enterprise applications, Oracle Cloud Infrastructure (OCI) offers a complete range of innovative services to support financial institutions from end to end, including the following capabilities:

The broadest set of deployment options:
OCI supports public cloud, multicloud, and hybrid cloud, enabling financial services companies to meet demanding regulatory, data residency, and application latency requirements.

Data consolidation:
Create a single source of truth for the best AI/machine learning (ML) results in personalization or fraud prevention by consolidating batch and streaming data into a lakehouse with high-volume, near real-time access.

Security:
OCI minimizes risk with security that's automated, always on, and architected to help customers meet compliance standards that impact financial services institutions, including PCI DSS, ISO/IEC 27001, GDPR, FIPS 140-2, and NIST 800-171.

Artificial intelligence and machine learning:
These capabilities expedite everything from fraud detection to the automation of internal tasks.

How OCI benefits your financial institution

Security and fraud prevention:
With OCI, your organization's cybersecurity is immediately enhanced. Using AI and ML, fraud detection is automated and expedited to focus resources on complex cases. Further automation powers patching and deployments to ensure everything is always up to date. In addition, OCI offers robust encryption, customer isolation, monitoring, integrated cloud security services, and more.

Core banking:
HPC capabilities and consolidated data via a data warehouse or data lakehouse enable faster time to market for customer features, greater elasticity for surprise workloads, and better availability for mission-critical workloads.

Policy administration:
OCI's features ensure smoother and faster policy administration. Automated updates and deployments streamline the path to compliance and robust governance while AI and ML enable the detection of anomalies and risks. OCI also integrates with Oracle Banking's Open APIs, providing an ecosystem and platform to drive innovation.

Operations:
Cloud migration creates an immediate benefit by streamlining operations that accelerate the financial close. Consolidated data ensures a single source of truth with real-time access while automation simplifies and reduces the steps in logistical processes.

Customer experience:
Through OCI, AI and ML can drive automated and targeted customer outreach for stronger engagement. HPC and consolidated data ensure accurate and available customer data upon request, and support for a DevOps approach enables quick development of customer-facing apps.

"Oracle and Square share a joint commitment to leveraging AI and machine learning to automate the mundane so that finance professionals can focus on being cocreators of enterprise value. Knowing this gives me confidence that I can make Square finance a destination for future CFOs wanting to experience how we support innovation, transparency, trust, and economic empowerment."

Ajmere Dale, Square

With Oracle Cloud Infrastructure, financial institutions can improve performance and security while reducing the cost of diverse applications and workloads.

Learn more about OCI for financial services:
oracle.com/industries/financial-services/cloud

Start your free trial of OCI today:

oracle.com/cloud/free

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