

Streamline Financial Services Big Data with Nutanix Unified Storage

Resilient, secure, high-performance data services driven by advanced analytics, AI and machine learning from cloud to edge.

Banks, capital markets and insurance companies continuously collect and analyze massive amounts of data to enhance the customer experience, identify risks and financial crimes, and improve products, services and operations. Unstructured data in particular – [comprising approximately 80% of banking data](#) – is an ideal target for the latest AI and machine learning methods such as natural language processing (NLP), pattern recognition, text mining, and sentiment analysis.

According to EY, while 83% of leading financial services firms say that data is their most valuable asset, only 16% consider themselves excellent at extracting value from their data. Most companies have data spread across a bewildering array of silos and storage systems that make it extremely difficult to:

- Integrate diverse data for deeper analysis, AI and machine learning training.
- Unify and enhance data access, security and resilience.
- Simplify and harden the data lifecycle.

Nutanix Unified Storage for Financial Services

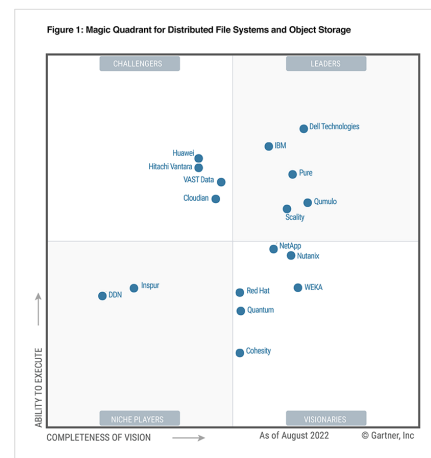
[Nutanix Unified Storage](#) (NUS) streamlines financial data storage, management, and analysis by combining block, file, and object storage. Offering data availability, protection, and compliance through scale-out performance, disaster recovery, and redundancy, NUS accelerates data processing and reduces query times tenfold. It supports both dedicated storage clusters and data-intensive application consolidation.

For instance, [Objects](#) and [Files Storage](#) efficiently handle massive unstructured data insurers that require rich media analysis for claims processing without sacrificing performance or simplicity. Or [Volumes Block Storage](#) supports structured data analysis in equity research and lending, allowing easy data type transitions without lock-ins.

Unlock the value of diverse financial data.

Advanced analytics, AI, and big data are crucial for personalized, data-driven financial solutions in today's digital economy. However, IT teams face challenges like technical debt, hybrid cloud complexity, and legacy storage, making it difficult to meet data privacy, security, and compliance requirements, while also focusing on data quality and integration for data ops, analysts, and development teams.

Nutanix Named a Storage Visionary.



For the second year, Nutanix was named a Visionary in the 2022 Gartner® Magic Quadrant™ for Distributed File Systems and Object Storage. [Read the report to learn why.](#)

Nutanix and Splunk

Many financial services companies rely on Splunk for operations and security. Nutanix is the ideal platform to run Splunk, and Nutanix Objects Storage is Splunk SmartStore-ready, delivering millisecond response times for cold data. [Learn more about Nutanix for Splunk.](#)

Nutanix and Snowflake

[Nutanix and Snowflake](#) create a powerful solution for financial services, offering secure, scalable, and high-performance data management and analysis of vast amounts of data wherever it resides or without pushing it into the cloud. This partnership addresses compliance, minimizes latency, and maintains data sovereignty, enabling quick insights and data-driven decisions through analytics on geo-federated data across edge, core, and cloud.

Scale data up or out from a single platform.

- Serve any data anywhere with a simple, flexible platform.
- Simplify storage management with one platform for all data.
- Flexibly scale from a single pool of resources for file, object and block.
- Better manage data on-premises, at the edge and in the cloud.

[Take a free test drive](#)



Nutanix ROI was higher than we expected. Based on the new infrastructure, Fullgoal Fund can drive business innovation, enabling us to keep pace with digital transformation in the financial services industry.

Li Qiang
General Manager, Fullgoal Fund

Where Unified Storage Makes the Biggest Impact on Financial Services:

Client and Market Optimization	Improve client relationships, service delivery, and product fit with data to inform personalized intelligent conversations and experiences.
Financial Digitalization	Support embedded analytics in modern applications across omni-channel engagement and user workflows Operational alpha: Security, timeliness and transparency of transaction lifecycle (trading, payments, lending).
Risk and Compliance	Improve overall data to identify, review, monitor and predict risk decisioning, alerts and predictive modeling. Security, fraud, and financial crimes detection and prevention. <ul style="list-style-type: none">• Financial crime investigations.• Anti-money laundering (AML) and know-your-customer (KYC) processes.• Trader and branch video email and chat surveillance and recordkeeping. Global production at scale with high operational resilience. <ul style="list-style-type: none">• Support business-critical operations and applications in front/middle/back office (credit scoring, loan underwriting, insurance claims).
Data Monetization	Self-service data and data-intensive applications such as ESG, transactional and financial data for open banking and data exchange initiatives.

Nutanix Unified Storage Financial Services Benefits

NUS addresses the data challenges of demanding financial services organizations with:

- **One-click management.** Manage all your data through a single pane of glass.
- **Scalable performance and capacity.** Scale out to accommodate petabytes of structured and unstructured data with exceptional performance. Built-in capacity planning tools accurately predict future needs.
- **Built-in data tiering.** The Nutanix platform automatically stores hot data on the fastest media; Data moves to slower media as access decreases. Flexible object storage is available to address archival needs.
- **Integration.** Nutanix works with the big data technologies and analytical tools your business relies on.
- **Self-healing and self-tuning.** Nutanix recovers automatically from server and drive failures, to minimize the impact on your team.
- **Advanced data protection.** With built-in backup replication, and cloning, you can protect critical data assets with less effort. Immutable snapshots provide write-once-read-many (WORM) capabilities to satisfy compliance requirements.
- **Security and compliance.** Nutanix is secure by design and certified to comply with [SEC, FINRA and CFTC regulations](#). Nutanix Data Lens, a robust analytics service protects critical financial data against ransomware and cyberattacks.

Getting Started with Nutanix Unified Storage

Visit [Nutanix Unified Storage](#) on our website to learn more. To see how Nutanix can help streamline all aspects of IT operations for financial services companies, visit nutanix.com/finserv.

You can also contact Nutanix at info@nutanix.com, follow us on Twitter [@nutanix](#), or send us a request at nutanix.com/demo to set up a customized briefing.

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