



SOLUTION BRIEF

Building a Solid Foundation for Financial Services with Vultr Cloud & AI

Facilitate financial operations, risk management, compliance, fraud prevention, and personalized customer experiences with Vultr's AI-ready cloud infrastructure. Leverage Vultr's high-performance computing, enterprise-grade compliance and data privacy, tailored business applications, and full-stack modular infrastructure for financial services with composable cloud solutions.

[VULTR.COM](https://vultr.com)

Accelerate Financial Operations with AI and High-Performance Cloud Solutions

Vultr provides robust cloud infrastructure for the financial services industry, enabling AI-driven decision-making, risk management, compliance, and personalized customer experiences. Our composable infrastructure supports real-time data analytics, trading solutions, and fraud protection, democratizing advanced cloud technology for the FSI ecosystem.

The financial services industry is rapidly evolving, driven by the need for increased speed, productivity, and operational efficiency. Financial institutions are under pressure to leverage AI, automate processes, enhance customer experiences, and ensure compliance with stringent regulatory standards.

The competitive landscape requires the ability to quickly adapt and deploy the right technology solutions tailored to unique business needs, both now and in the future. Vultr facilitates this by providing high-performance cloud computing, cutting-edge GPUs accelerated by NVIDIA, and composable infrastructure. NVIDIA-accelerated computing platforms power the new era of computing, performing more work in less time with lower energy consumption than traditional CPU-based computing. Our solutions enable financial institutions to customize their infrastructure through APIs, Vultr Marketplace, and Vultr Cloud Alliance partners; integrate AI for intelligent decision-making; and ensure data security and compliance. With Vultr's affordable and scalable infrastructure, financial services can upgrade operations and deliver exceptional value.

Addressing AI adoption barriers in FSI

Integration and scalability: Integrating AI with legacy systems is challenging due to outdated infrastructure and a shortage of skilled professionals. High costs and the need for scalable solutions further complicate adoption. Vultr's scalable cloud solutions facilitate seamless integration and efficient data handling and can scale with your business demands.

Data privacy and regulatory compliance: Financial institutions handle vast amounts of sensitive data, making them prime cyberattack targets. Vultr's secure cloud infrastructure ensures data protection by storing and processing data locally. Our sovereign cloud and IAM tools minimize breach risks, meeting strict compliance standards.

Bias, operationalization, and cultural resistance:

Ensuring bias-free AI models and actionable insights is crucial. Operationalizing AI involves moving models to production while maintaining performance. Overcoming cultural resistance to AI technology is essential for successful AI adoption in FSI. Vultr Cloud GPUs, accelerated by NVIDIA, along with our AI solutions and partner offerings, support bias detection and streamlined deployment. Additionally, AI is easily leveraged for data analytics, fraud detection, and customer insights.

A complete FSI ecosystem with Vultr and partners

Reliable high-performance compute: Vultr provides reliable, high-performance compute solutions for financial services with guaranteed uptime and robust SLAs. Scalable cloud services meet growing demands without compromising performance. Transparent, predictable pricing models offer cost savings compared to on-premises solutions by reducing capital and operational expenditures.

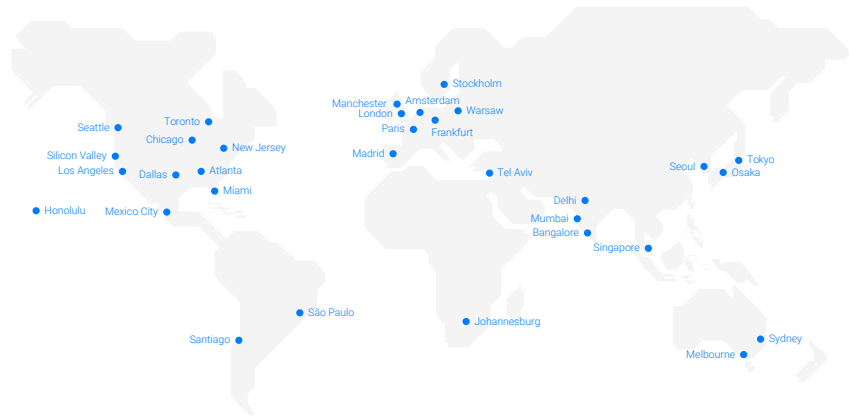
Customized solutions for specific needs: Vultr's composable infrastructure provides financial services with modular, flexible cloud components. Easily integrate with APIs, Marketplace Apps, and Cloud Alliance partners to ensure seamless integration, scalability, and cost efficiency. Adapt quickly to market changes and optimize cloud operations with support for AI workloads and regulatory requirements across 32 global data centers.

Vultr Cloud Alliance ecosystem: Experience unparalleled efficiency and scalability with Vultr-powered AI/ML solutions seamlessly integrated with partners like Console Connect, DDN, Qdrant, SQream, and Run:ai. This integrated stack provides high performance, scalability, and efficiency for handling demanding AI/ML workloads in the financial sector.

Supporting financial services across six continents



Vultr connects 90% of the world's population within 2-40ms



Vultr is accelerated by top-of-the-line NVIDIA GPUs

NVIDIA GH200 Grace Hopper™ Superchip

NVIDIA H100 Tensor Core GPU

NVIDIA A100 Tensor Core GPU

NVIDIA L40S GPU

NVIDIA A40 GPU

NVIDIA A16 GPU

Financial services use cases

Banking: Leverage Vultr to transform operations and enhance customer experiences. AI-driven analytics improve operations, customer segmentation, and personalized financial advice. Vultr's infrastructure offers scalable solutions for large data volumes, ensuring security and compliance.

- Threat detection
- Fraud prevention, compliance, credit risk management
- Risk management
- Customer service automation
- Personalized marketing and customer experience

Payment Services: Payment services leverage AI to facilitate secure, real-time transactions, enhancing fraud detection and prevention by analyzing transaction patterns and identifying anomalies. Vultr's cloud solutions provide the necessary scalability and reliability to handle large volumes of transactions and ensure seamless processing.

- Transaction fraud prevention with end-to-end data science

Trading: AI-powered algorithms analyze market trends and execute trades with high precision and speed. Vultr's cloud platforms offer real-time data processing and storage, enhancing decision-making and compliance monitoring.

- AI-powered trading algorithms
- HPC in quantitative finance
- LLM/Natural Language Processing (NLP) for trading research
- Data processing optimization

Insurance: AI and Vultr cloud computing enable predictive analytics for risk assessment and claims processing. AI models analyze historical data to forecast trends and optimize pricing. Vultr's cloud offers secure data storage and real-time processing capabilities, enhancing the accuracy and efficiency of AI models.

- Claims processing and fraud detection
- Risk assessment and underwriting
- Personalized insurance plans

Fintech: Fintech companies harness AI and Vultr cloud technologies to innovate financial products and services. AI enhances customer interactions, credit scoring, and personalized financial solutions. Vultr's cloud platforms provide flexibility to scale operations and support rapid development.

- Automated financial advisory
- Loan origination & credit scoring
- Customer Interaction

Blockchain Infrastructure:

Blockchain technology, combined with AI and Vultr cloud computing, offers secure and transparent solutions for financial transactions and data management. AI enhances blockchain's capabilities by analyzing patterns for fraud detection and compliance, while Vultr provides the underlying infrastructure.

- Decentralized Finance (DeFi) risk management
- Blockchain data analytics and insights

