

Hitachi Vantara for Object Storage

Supercharged and tuned for high-performance S3-native and data lakehouse applications.

1. Unparalleled Flexibility

Get the best ROI. Our solutions offer versatile configurations, including appliances, software-only options, virtual machines, containers, and cloud environments, with data storage available both on-premises and in the cloud. Featuring a shared-everything architecture and support for multiple data access protocols, our solutions enable independent scaling, enhancing elasticity and ease of use.

2. Linear Performance and Scale

Put your data to work. Policy-driven tiering and all-flash capabilities ensure linear performance and scaling in high-demand environments. Managing data placement based on access patterns keeps critical data on high-performance storage. All-flash storage enhances performance with rapid data access speeds, crucial for S3-native and data lakehouse applications. One solution to meet all your performance and cost needs, allowing you to provide low latency and high throughput to the applications that need it, and low \$/GB for the data that you want to store affordably.

3. Compliant

Retain visibility and control. Leading financial and government agencies rely on Hitachi's compliance solutions to manage security, risk, and privacy effectively. Our Intelligent Data Services, advanced search capabilities, and automation ensure data integrity and compliance with stringent criteria. Our object storage solutions have been independently validated to meet the requirements of [SEC 17a-4\(f\)](#), [SEC 18a-6\(e\)](#), [FINRA 4511\(c\)](#), [CFTC 1.31\(c\)-\(d\)](#), and the [MiFID II Delegated Regulation \(72\)\(f\)](#)

4. Intelligent

Innovate with data. Our secure, scalable solutions support unified management, accelerated insights, and compliance monitoring. They empower comprehensive analytics across all data types and locations, ensuring efficient data placement, transformation, and governance. Ideal for big data analytics, our services integrate with tools like Hive, Spark, Kafka, and Presto to manage and analyze large volumes of structured and unstructured data.

5. Reliability

Safeguard data. Combat ransomware with advanced solutions to protect, discover, and recover from threats and data corruption. Our security features include FIPS-certified encryption, LDAP/Active Directory integration, multiple identity provider (IdP) options, immutability, and end-to-end encryption. Our solutions enhance resilience with features such as erasure

coding, immutable object-locking, multi-geo distribution, and multiple replication topologies. Together these features ensure security and, proper data access and are critical for long-term preservation of data.

6. Massive Eco-System

Derive insights. Hitachi's ecosystem sets the standard for secure, cost-effective object storage, accommodating diverse data sources such as cloud-native applications, artificial intelligence, machine learning, and the Internet of Things. It simplifies integration with analytics and ML tools, optimizing storage costs and ensuring robust security with custom policies and access controls. Hitachi is invaluable for maximizing data management capabilities.

7. Trusted

Proven, reliable, and secure. Our solutions are customer-chosen and market-proven, with over 15 years of object storage experience and expertise, our solutions have been adopted by over 2,500 customers globally with over 3 exabytes of data under management. In fact, according to Gartner Peer Insights, our solutions have received 67 5-star customer reviews with customers indicating their Willingness to Recommend (WTR) at 100%.

8. Sustainability

Invest wisely in industry-leading efficiency. Our solution reduces rack space by 50-70% and improves power efficiency by up to 50% compared to other leading object storage vendors, significantly lowering data center CO2 emissions.*

9. Hybrid

Adapt to change. Adapt or risk falling behind. A financial services customer needed secure on-premises data accessible for cloud analytics. Our object storage solution provided scalable, secure storage, ensuring compliance and constant data accessibility. It supports diverse data types and integrates with cloud analytics platforms, enabling AI models and robust analytics for fraud detection, risk management, and personalized services.

10. 100% Availability Guaranteed

Fast, reliable access. Complement your unbreakable Hitachi Vantara storage with Virtual Storage Platform One (VSP One) Assurances and Guarantees. You can count on [Hitachi Vantara's 100% Data Availability Guarantee](#) to drive your company towards success without downtime.

* This estimation is based on an internal analysis of VSP One Object with 2 system units and 24TB NLSAS drives, compared to other leading vendors in a comparable 10PB configuration. Results will vary depending on each customer's specific configuration and load.