

Datasheet

Hitachi Content Platform (HCP)

Enterprise-class object storage that combines the best of public and private clouds

Hitachi Content Platform (HCP) delivers scalable, performant object storage with hybrid cloud flexibility, Amazon S3 compatibility and built-in security.

Hitachi Content Platform empowers organizations to manage unstructured data across workloads and locations with built-in data intelligence, policy-driven tiering and advanced security features like immutable object locking and encryption. With flexible deployment options and the ability to scale performance and capacity independently, HCP supports modern and traditional applications. HCP enables seamless data mobility, compliance and cost optimization across private and public clouds.

Manage Unstructured Data at Scale

Organizations are overwhelmed by the rapid growth of unstructured data across hybrid and multicloud environments. Traditional storage systems struggle to scale efficiently, ensure data security and support modern workloads. Managing data across silos leads to complexity, increased costs and compliance risks. Businesses need a solution that simplifies data mobility, protects against threats like ransomware and enables intelligent data lifecycle management.

Hitachi Content Platform addresses these challenges by providing secure, scalable and policy-driven object storage with full S3 compatibility and built-in data intelligence.

Hybrid Cloud Object Storage

Hitachi Content Platform helps organizations overcome the complexity of managing unstructured data across hybrid and multicloud environments. As data volumes grow and threats like ransomware intensify, HCP delivers secure, scalable object storage with built-in data protection, compliance and governance.

HCP simplifies operations with policy-based tiering, intelligent metadata and seamless integration with cloud-native and traditional applications. And with S3 compatibility, HCP ensures interoperability, while flexible deployment models and cost-optimized storage help reduce TCO.

Key HCP Benefits

- Secure, compliant object storage with built-in ransomware protection.
- Scalability — from terabytes to exabytes across hybrid and multicloud environments.
- Extreme performance at a predictable cost.
- Policy-based tiering that optimizes performance and reduces storage costs.
- Support for traditional and modern protocols to enable broad application compatibility.
- Immutable object locking that ensures compliance and data integrity.
- Flexible deployment options: software, appliance, cloud and all-flash.

Whether supporting AI/ML workloads, data protection, or long-term retention requirements, HCP empowers organizations to unlock data value, ensure resilience and accelerate innovation.



Core Capabilities

Scalable Hybrid Cloud Storage

HCP enables organizations to manage massive volumes of unstructured data across hybrid and multicloud environments. It supports exabyte-scale growth, multiprotocol access and policy-driven tiering to optimize performance and cost. With S3 compatibility and flexible deployment options — including software-only, appliance and cloud — HCP ensures seamless data mobility and integration with both legacy and cloud-native applications.

Intelligent Data Lifecycle Management

HCP uses metadata-driven intelligence and policy-based automation to classify, tier and move data, based on business value. It integrates with analytics and AI/ML workflows, enabling real-time insights and governance. By automating data placement and retention, HCP reduces operational complexity, improves performance and lowers storage costs while supporting compliance and long-term data stewardship.

Built-in Data Protection and Security

HCP protects data with immutable object locking, encryption and multisite replication. It supports regulatory compliance with legal holds, audit logging and secure retention policies. Advanced security features like Transport Layer Security (TLS) 1.3, external key management and S3 Object Lock help defend against ransomware and unauthorized access, ensuring data integrity and availability across distributed environments.

It Is Your Choice

Hitachi Content Platform empowers organizations to overcome the growing challenges of managing unstructured data across hybrid and multicloud environments. With scalable architecture, S3 compatibility and support for both traditional and cloud-native applications, HCP simplifies data mobility and integration.

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

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HCP Differentiation: Flexibility, Compatibility, Security

- Employs policy-based tiering to automate data placement across hybrid and multicloud environments.
- Scales independently in performance and capacity for cost-effective growth.
- Provides immutable object locking for real-time ransomware protection and compliance.
- Assures flexible deployment with software-only, appliance, cloud and all-flash options.
- Enables deep search, classification and governance with built-in metadata intelligence.

HCP delivers built-in security features like immutable object locking, encryption and multisite replication to protect against ransomware and ensure compliance. Intelligent data lifecycle management automates classification, tiering, and movement of data based on business value, reducing costs and improving performance. And flexible deployment options and robust protocol support make HCP adaptable to diverse workloads — from backup and archiving to AI/ML and analytics.

By combining reliability, scalability and intelligent automation, HCP helps you unlock the full value of your data while maintaining control, security and operational efficiency.

Find out more about HCP

Learn more



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