

SOLUTION BRIEF

# Hitachi Content Platform and VSP E Series

Hitachi Content Platform with Hitachi Virtual Storage Platform E Series delivers enterprise class object storage without the enterprise price tag.



## Robust Object Storage Software

HCP object storage supports hybrid cloud, multi-cloud, and private cloud environments.



## Enterprise Class Storage

Hitachi Virtual Storage Platform E series supercharges performance, while also meeting data efficiency needs.



## Affordable Pricing

Cost-effectively meet your current digital expectations and scale to address future challenges.

**Hitachi Vantara brings together affordable, enterprise class storage and object storage software to deliver exemplary service levels, data security, and cloud services enabling the acceleration of cloud-native application development and migration.**

Unstructured data growth and application proliferation continue to accelerate. These developments lead to increased server and storage sprawl, with numerous silos of infrastructure supporting traditional and new workloads. Hitachi Content Platform (HCP) is an object storage software solution that connects data producers, users, applications and devices into a central cloud storage platform. It enables users to better understand, govern and control the degree of mobility of their data, as well as to identify insights and extract value for data-driven decisions and faster time to market.

HCP lets IT organizations and cloud service providers securely and cost-effectively store, share, protect, preserve, and analyze data. Beyond its efficiency, ease of use and ability to store data at massive scale, HCP automates day-to-day IT operations like data governance and protection and readily evolves to changes in scale, scope, regulatory compliance, applications, storage, server and cloud technologies over the life of data. HCP also

automates the governance of data to ensure proper retention, access control, encryption and disposal of data, while simplifying e-discovery and search. In IT environments where data grows quickly or must live for years or even indefinitely, these capabilities are invaluable.

Hitachi Content Platform eliminates the need for a siloed approach to storing unstructured content. The platform provides massive scale, multiple storage tiers, powerful security, Hitachi reliability, cloud capabilities, broad protocol support, multitenancy and configurable attributes for each tenant. It can support a wide range of applications on a single physical cluster and is backed by a thriving community of third-party software partners. With access to a robust ecosystem of cloud applications, Hitachi Content Platform can solve a wide range of current problems and adapt to meet future needs.



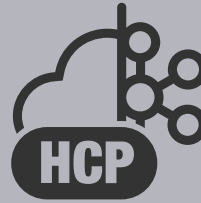
Enterprise-class storage solutions that won't break the bank.

- High Performance
- NVMe & SAS Capacity
- Simple Self Install

HCP has native REST and Amazon Simple Storage Service (S3) based interfaces, permitting seamless WAN or LAN access for new and existing Web 2.0 and mobile applications. Further, it supports the NFS, SMB, SMTP and WebDAV protocols, and offers dual-stack support for IPV4 and IPV6, so it can handle all kinds of data and almost any application. It offers high reliability, massive scale, seamless data mobility and storage across private clouds and public cloud services.

The HCP G series access nodes allow organizations greater flexibility to support mixed workloads with varying performance and scale requirements. These nodes virtualize capacity from VSP E series, local drives, other Fibre Channel storage arrays, NFS shares and leading public cloud providers. HCP drastically reduces total cost of ownership and provides cost-effective storage for content that must remain behind the firewall. These attributes enable IT to take advantage of cloud and deliver a whole new range of IT services, without compromising security and control of information.

VSP E series architecture is designed with a true symmetrical active-active controller to deliver consistent, industry-leading, low-microsecond latency. This advanced architecture reduces the transaction costs of latency-critical applications and delivers predictable performance to optimize storage resources. Flexible data management options evolve with you as your business grows. VSP E series embedded management simplifies system configuration and setup and is ideal for single system environments. Hitachi Ops Center management delivers comprehensive administration, analytics, automation and data protection capabilities across HCP and VSP.



High-performance, scale-out object storage for private, hybrid, and multicloud environments.

- Massive Scale
- Robust Security & Data Protection
- Intelligent Data Management

## Notable Features

### Block, File, and Object Storage

- Support almost any data workload with a single storage solution.

### The performance you need at a price you can afford.

- Give your business the performance you rely on to satisfy the demands of real-time, data-hungry applications.

### Support for Modern and Legacy Workloads

- Native integration and broad ecosystem support everything from file services to legacy applications, to databases, cloud applications, and modern high-performance workloads.

### Scale for Capacity

- These systems enable you to cost-effectively meet your current digital expectations and scale to address future challenges as application data needs and service levels evolve.

### Trusted, Reliable Data Availability

- With Hitachi HCP and VSP systems working together, businesses of any size can enjoy the same peace of mind and application availability that the largest enterprises in the world rely on.

## Solution Benefits

### A More Sustainable Storage Solution

- We design, develop, and deliver data storage systems that consume less energy (30-40%, internal testing) with each new version, enabling organizations to continually lower their carbon footprint without compromising on performance.
- Through our eco-friendly infrastructure, innovative diagnostics, and sustainability advisory services, we help organizations better understand their current "data" footprint and take action to begin reducing emissions across the data center.

### Efficiently Protect, Manage and Recover Enterprise Business Data

- Protect, manage, and access the information you need with a heterogeneous data protection solution. A single interface manages data in a fraction of the time, effort and cost required by separate point solutions.

### Accelerate Data Recovery

- Restore the data you need in minutes and hours from HCP versus days or weeks from tape. Accelerate granular file restores. Quickly leverage data copies for dev/test and analytics.

### Enhance protection against, and speed recovery from, ransomware attacks

- Immutable, encrypted, self-healing HCP storage ensures that backup data cannot be tampered with and will be recoverable should ransomware or other cyberattacks get through your outer defenses.

### Improve Data Protection and Management

- Optimize costs and automatically back up data to Hitachi Content Platform while retaining seamless data access. Integrate backup and recovery, point-in-time replication, archiving and storage resource management technologies under a unified, easy-to-use graphical user interface.

### Reduce Complexity and Costs

- Reserve primary storage resources for near-term capacity, and tier enterprise data backups, via policies, to the very cost-efficient Hitachi Content Platform for long-term data retention.
- HCP Cloud Scale eliminates the need for multiple tiers of storage libraries. Object storage has shaped data protection architectures to no longer require multiple tiers of backup repositories while improving performance, scale, and efficiency.
- Enjoy the flexibility and cost-efficiency that a software-based cloud storage solution offers. Avoid storage lock-in and the need to manage both backup appliances and tape.

### Simplify Administration

- Optimize administrative time and training. Improve capacity use when compared to point solutions.

### Protect and Retain Data at Massive Scale

- Manage data protection and retention for Petabytes of data across HCP, tape libraries, and cloud storage from one easy-to-manage platform.

## Hitachi Vantara



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