

Choose Hitachi Content Platform to:

- Support archival for compliance and content preservation.
- Reduce backup via built-in data protection.
- Employ cloud-scale capabilities; access with in-house security and control.
- Sync and share data across offices and devices.
- Improve efficiency and automate operations.



Hitachi Content Platform: Enterprise-Class, Backup-Free Cloud and Archive

Unstructured data growth, application proliferation, and increasing variation in data types continue to accelerate. These developments, combined with the limitations of traditional file storage systems lead to increased server and storage sprawl, with numerous silos of infrastructure supporting different workloads.

Hitachi Content Platform is an object storage solution that enables IT organizations and cloud service providers to store, share, sync, protect, preserve, analyze and retrieve file data from a single system. It is more efficient, is easier to use, and can handle much more data than traditional file storage solutions. Content Platform automates day-to-day IT operations like data protection and readily evolves to changes in the scale, scope, applications, and storage and server technologies over the life of data. In IT environments where data grows quickly or must live for years, decades 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 3rd-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.

Flexible, Enterprise-Class Cloud

Hitachi Content Platform multitenancy divides the physical cluster into a variety of tenants. These tenants can be further subdivided into tens of thousands of namespaces for additional organization of content, more refined policies, and robust access control. In addition to supporting traditional protocols, such as NFS, SMB, SMTP and more, Content Platform is fluent in multiple web-based dialects of HTTP/REST. The platform can handle all kinds of data and almost any application, and offers high reliability, massive scale, encryption, access control, easy provisioning, charge-back measurement, and more. 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.

Efficient, Backup-Free Archive

Hitachi Content Platform enables your IT organization to protect, preserve and retrieve data in a more efficient manner, without the need for tape-based backups. The high density of Content Platform storage is enhanced with built-in compression, single instancing, and support for a variety of media keep storage costs in control. With dynamic data protection, data integrity checks, data retention enforcement, and many other technologies to preserve and protect content, Content Platform delivers compliance-quality data protection. It eliminates the need for tape-based backups.

Intelligent Structure for Unstructured File Data

Hitachi Content Platform enables the separation of data from applications and storage media so that the content can provide useful information, now and long into the future. With Content Platform, you have access to metadata and content search tools that enable more elegant and automated queries for faster, more accurate results. Through these features you can gain a better understanding of the

content of stored files, how content is used, and how objects may be related to one another. This understanding can help you to enable more intelligent automation and prepare for the rise of big data.

Hitachi Content Platform provides more capabilities, flexibility, configurability and input options for you to take advantage of cloud in your own way. You can efficiently store, protect, preserve, manage and share information. It brings structure to unstructured data and simplifies management via automation to ensure efficiency, reliability and accessibility of your organizations' data. With Content Platform you can not only address today's challenges around storing and protecting data, but also set yourself up for the next big thing.

Hitachi Content Platform (HCP) Line Card				
	HCP300	HCP500	HCP500XL	HCP Virtual Machine
Capacity	4TB – 84TB (DPL2) 8TB – 140TB (DPL1)	18TB - 5PB	20TB-40PB	4TB-4.7PB
Nodes	4 - 20	4 - 80	4 - 80	4 - 40
CPU	1 x Quad Core	2 x Six Core	2 x Six Core	8 x vCPU
Memory	12GB	12GB	12GB	12GB
Front-end Ethernet	2 x 1GbE	2 x 1GbE	2 x 1GbE	2 x pNIC
Back-end Fibre Channel	N/A	2 x 4Gb	2 x 4Gb	2 x pNIC
Internal HDD (SATAII)	6 x 3.5" 0GB/1TB/2TB)	—	5 x 2.5" (500GB)	N/A
SAN/Array Attach	No	Yes	Yes	Yes – Shared SAN
Spin-Down Disk	No	Yes	Yes	No

HITACHI CONTENT PLATFORM IMPLEMENTATION SERVICE

The Hitachi Content Platform Implementation Service provides a professional and expeditious fixed content, active archiving implementation of Hitachi Content Platform. The service provides a path mount point to the independent software vendor (ISV) application server or servers. It ensures basic testing of the archive for data ingestion, data retention settings, and data deletion. Hitachi Data Systems consultants provide knowledge transfer to help your organization effectively manage the solution after completion of the service. In addition, the service accelerates your ability to use the solution immediately and realize a rapid return on investment. It improves the quality and management of unstructured content, and provides you with a basic, high-level overview of data replication and data protection for Hitachi Content Platform.

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