

Hitachi Data Protection Suite, Powered by Commvault

Enterprise Data Protection and Long-Term Retention With Hitachi Content Platform

SOLUTION PROFILE

In today's digital transformation era, data has become a critical component of business success. Backup and recovery requirements have also evolved given the growing amount of data that must be protected. Additionally, a variety of regulations mandate that data must comply with new privacy laws and be retained for longer periods. According to reports from IDC and Gartner, unstructured data is growing at a rate of over 60% annually¹. This massive growth has posed new data challenges for backing up data within target windows, and cost-effectively managing this increasingly complex data landscape to comply with regulations. Historically, tapes have been used for long-term backup copies. But, recovering from tapes is slow, complex and unreliable. With 90% of the world's data being created in the past two years, can you afford to rely on tape to recover your critical data?



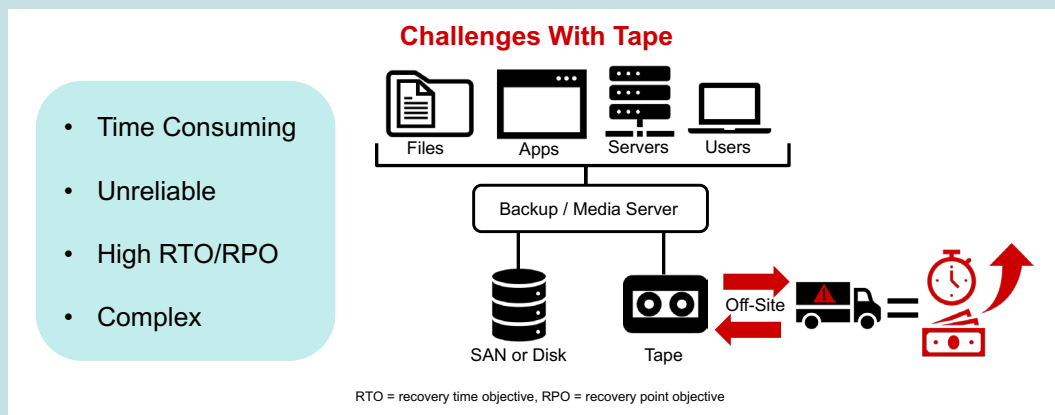
¹ [The Convergence of IT, Legal and Records Managers To Address Unstructured Data](#), Rob Hamilton, Data Strategy, April 15, 2015.

The Challenges With Tape Backups

There are many inherent problems with using tape for long-term data retention:

- Long backup and recovery times.
- Complex and costly management, especially with off-site storage.
- Tapes deteriorate, putting critical business data at risk.
- Regulations like GDPR² pose challenges for compliance.
- Periodic technology refreshes pose compatibility issues.

As an alternative, some might consider using public cloud providers. But, according to Enterprise Strategy Group, “It’s a common misconception that public cloud storage is more cost-effective than purchasing private cloud storage.”³



Hitachi Vantara Offers: Cost-Effective Long-Term Data Retention and Reliability

The adoption of object-based storage has increased as organizations seek to maximize the value of their business data. Offering benefits such as cost reduction, superior scalability and improved data visibility, object-based storage has become a powerful alternative to more traditional file and block storage approaches, as well as tape.

With **Hitachi Data Protection Suite** (HDPS), powered by Commvault, Hitachi Vantara and Commvault together deliver a unified, modern offering that facilitates the backup, recovery and management of enterprise and application data with the industry-leading object storage solution, **Hitachi Content Platform** (HCP). HDPS and HCP offer the reliability required by the world’s largest organizations, while featuring the simplicity, cost-effectiveness and modern capabilities that are needed to remain agile and competitive. HCP seamlessly extends the secured and guaranteed management of long-term data retention at petabyte scale.

[Explore](#) how Hitachi and Commvault deliver joint solutions to the biggest and most complex backup, recovery and data management challenges.

² EU General Data Protection Regulation

³ Assessing On-Premises Versus Public-Cloud Object Storage: Economic Value of Storage on Hitachi Content Platform

HDPS and HCP: Modern, Unified Data Protection and Management

Efficiently Protect, Manage and Recover Enterprise Business Data

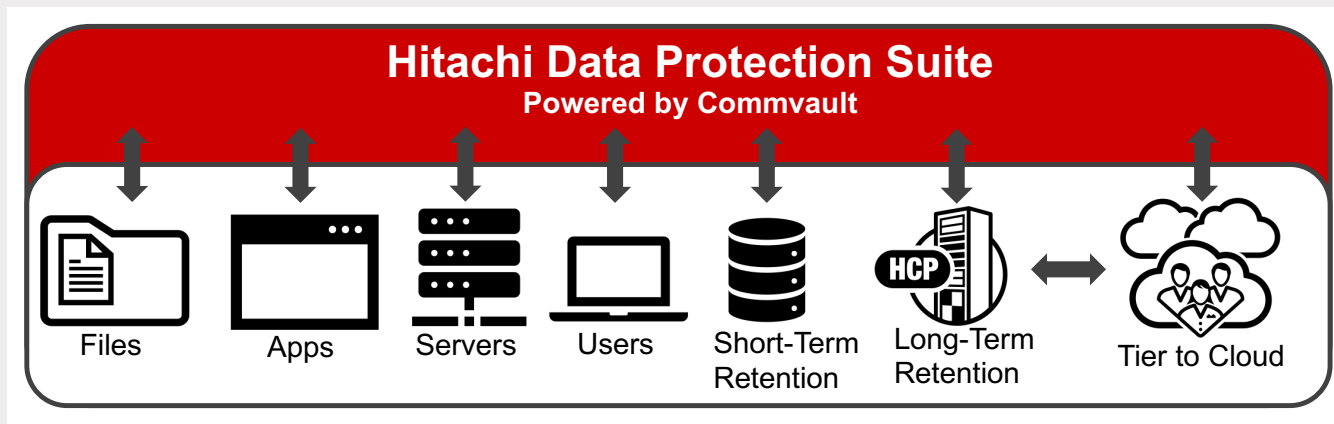
Protect, manage and access the information you need with a heterogeneous data protection solution. A single interface manages data at a fraction of the time, effort and cost required by separate point solutions.

Unify management with a consistent way to locate and manage enterprise and application data.

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.

Recover critical business data quickly and avoid having to manage tapes.



- Simplified data management with a single, easy-to-use interface.
- Scalable data protection with policy-based automation to protect all of your enterprise and application data.
- Integrate with HCP for seamless tiering to the cloud. Protect your data wherever it resides.
- Optimize costs and automatically back up data to HCP while retaining seamless data access.

Improved 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.

Integrate with HCP for intelligent policy-based data movement that enables seamless tiering to the cloud.

Reduce Costs With Hitachi Content Platform

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.

Improve resource utilization while cost-efficiently retaining critical business data.

Simplify Administration

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

Reduce the number of data protection or backup tools by 36%⁴.

Protect and Retain Data at Massive Scale

Manage data protection and retention for tens of thousands of users, all from one easy-to-manage platform.

Reduce annual spending on data infrastructure, software, and services by 44%⁵.

Manage Your End-to-End Enterprise Data

Protect and manage data from virtual and physical servers, applications, storage-based snapshots and replication, cloud-based infrastructures, mobile devices, and more. With Commvault IntelliSnap[®] technology's automated, policy-driven data management capabilities, you can protect thousands of virtual machines and servers across the enterprise.

Protect and manage data wherever it resides.

Secure, Flexible and Cost-Effective Storage

HCP provides a long-term cloud object storage platform that is massively scalable. It makes compliance and data recovery easy with data mobility, AES-256 encryption, policy-based tiering to public clouds, robust data protection and up to fifteen 9's availability.

HCP provides scalable, economical and highly available storage for long-term data retention.

Reduce Backup Burden

With fifteen 9's data durability, erasure coding, replication, configurable redundancy and automatic repair and versioning, HCP is a resilient and self-protecting storage platform. Data moved to HCP is highly available, secure and always protected.

Reduce backup burden and enhance data availability with HCP's unparalleled data durability and resiliency.

^{4,5} IDC: Quantifying the Business Value of Commvault Software: Worldwide Customer Survey Analysis, July 2018

Even the largest enterprise tape libraries struggle to keep pace with today's data growth and retention requirements. Not only do recoveries take too long, but the prevalence of regulations like GDPR pose new challenges for adhering to data privacy laws.

Consider this: Violations of GDPR result in fines of up to

4%

of annual revenue or € 20 million.

How are you planning to comply with GDPR when you search PII data within tape cartridges or even backup copies on disk?

Hitachi's Experience and Partnerships: Trusted by Data- Driven Innovators Everywhere

Hitachi Vantara is a well-established global business backed by more than 100 years in operational technology and more than 50 years in information technology experience, and a vibrant ecosystem of partners.

With Hitachi Data Protection Suite, powered by Commvault, Hitachi Vantara and Commvault deliver a joint solution for the biggest, most complex, backup and recovery data management challenges. Protect, manage and recover data across your global operations with a data management solution built for the world's largest organizations.

HDPS helps you overcome the challenges of backing up, recovering and managing large datasets across a distributed IT environment, so you can reduce the risk of data loss and maximize the value of your data.



The Hitachi solution was the most cost-effective in terms of TCO and delivered on all the features that we needed, including high availability, scalability, and performance.



Matt Tranter
ICT Product Services Manager
Synergy

[Read the Case Study.](#)

Next Steps



Explore how Hitachi Data Protection Suite tightly integrates snapshot, replication and persistent copies that are application aware, secure, deduplicated and managed from a single platform.

Learn how Hitachi and Commvault deliver joint solutions to the biggest and most complex backup, recovery and data management challenges.

Read about how the Hitachi Content Platform makes your data securely available anywhere, anytime.

Discover the power of the Hitachi Content Platform portfolio.

We Are Hitachi Vantara

DataOps is the data practice for the AI era, connecting data consumers with data creators to accelerate collaboration and digital innovation. We are analytics, industrial expertise, technology and outcomes rolled into one great solution partner. Get Your DataOps Advantage.

Hitachi Vantara



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