

Hitachi Content Platform and Veritas Enterprise Vault offer a complete, proven solution for email and file archiving. Together, they provide high scalability, policy-based retention, quick search and retrieval, and data destruction at the appropriate time.

DATASHEET

Hitachi Content Platform and Veritas Enterprise Vault

Intelligent Object Storage and Market-Leading Message and File Archiving

Messaging and files are among the fastest growing types of data in an IT environment. Not only are they heavily used by members of an organization, but external regulations, internal governance and budgets put demands on them as well. Organizations must store significant amounts of content for longer periods, in different classes of storage than their original location, to achieve compliance, adhere to policies and save money. The solution of Hitachi Content Platform with Veritas Enterprise Vault merges intelligent object storage hardware with market-leading message and file archiving software. It provides flexible, scalable, easy-to-manage active archives for both compliance and reference data.

Data Protection Overview

WATCH

Data Storage Challenges

As data growth continues and content governance policies expand in scope, there has been a steep increase in the amount of data being stored for longer periods of time. This increase causes a number of problems:

- Inability to easily automate the archiving and journaling of email.

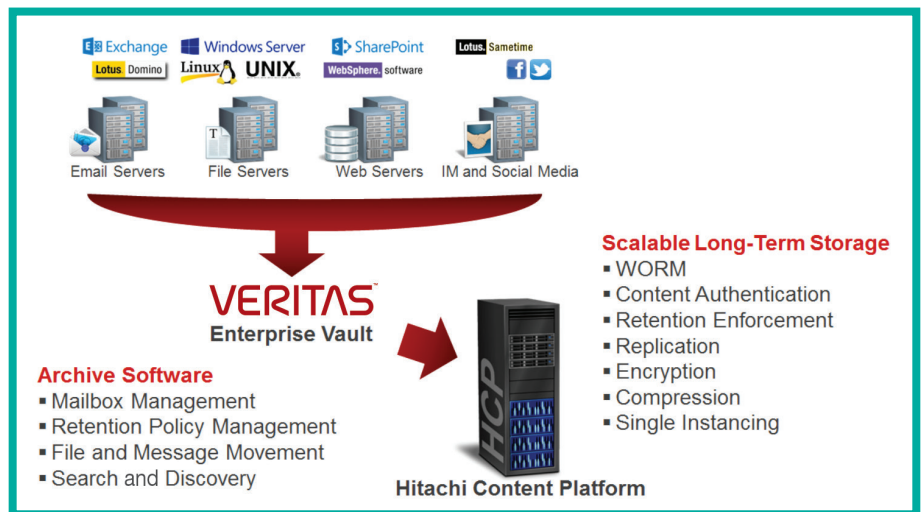


Figure 1. Secure Data Across the Storage Ecosystem

- The struggle to archive multiple content sources with differing needs (email, files, Microsoft® SharePoint® and more).
- Difficulty in setting and maintaining retention policies.
- The challenge of managing infrastructure costs as more data is kept for longer periods.
- Shrinking backup windows and longer recovery times.
- Inefficient search and retrieval of information.
- Difficulty in ensuring data protection and authenticity throughout the lifecycle.
- Disposition of data not always possible at appropriate time; content is often kept longer than required to mitigate litigation.

The Solution

Veritas Enterprise Vault archives emails and files from primary storage and servers to a centrally managed archive repository. Retention policies can be placed on content and are centrally managed and enforced by Hitachi Content Platform at the storage layer (see Figure 1).

Once stored, Enterprise Vault allows quick search and retrieval of archived messages and files. It provides necessary analytics, such as constructing trails of email

messages. This capability is important for compliance applications where legal discovery requests are prevalent and failure to comply can be costly.

Unlike other object storage repositories, Veritas does not “containerize” email and file data when stored in Hitachi Content Platform. Because Enterprise Vault stores unique objects in Content Platform, it can “expire” email and files at a granular level. Once retention periods are complete objects can be deleted and shredded, maximizing storage capacity and ensuring that compliance requirements are met.

Unlike traditional NAS solutions, Hitachi Content Platform is architected as an object storage solution, enabling long-term, fixed-content preservation that can potentially cross generations of storage and server hardware. The proactive Content Platform authentication policies continually validate the digital signature of content, ensuring that it does not change over time. It also provides “write once, read many” (WORM) capability, storage-level RAID and support for up to four copies of data. Optional off-site replication ensures that archives are available even in the event of a disaster. Content Platform encryption and access control provide complete security of critical data.

A multitier object store, Hitachi Content Platform can be virtualized into multiple, uniquely configured tenants and namespaces to help organize and segregate data and control access to content. This approach allows you to easily divide a single infrastructure among multiple content sources, different data types, groups of users, related content and even consumers of cloud-based archive services.

When combined, Hitachi Content Platform and Veritas Enterprise Vault deliver efficiency, automation, authentication and improved search and retrieval. They make

the day-to-day lives of end users, including IT and legal administrators, more efficient.

Solution Features

- Hitachi Content Platform and Veritas Enterprise Vault integrate via HTTP using Hitachi Content Platform Adapter for Veritas Enterprise Vault. The adapter has full support for tenants and namespaces and allows Enterprise Vault to access Content Platform in on-premises, cloud and mixed environments.
- Support for Microsoft Exchange and SharePoint, Lotus Domino, instant messaging (IM) and file systems.
- Automated archival and intelligent object classification based on granular policies control and log retention, expiration, deletion and shredding operations.
- Scalability to 80PB and billions of objects; can be virtualized into multiple tenants and namespaces.
- Compression, deduplication and support for various storage types, tiers and media, even removable media and spin-down disk for low-cost, long-term storage.
- Performance benchmarking: over 90,000 items archived per hour from single source.
- WORM for automatic immutability for data; meets SEC 17a-4 requirements.
- Object (email and file) level retention policies created by Veritas Enterprise Vault and enforced by Hitachi Content Platform.
- Efficient search and retrieval of objects at any time.
- Partition management no longer necessary; a single vault store partition on Content Platform can scale nondisruptively to 80PB online.
- Archive backup no longer required; Content Platform does not require backup; the adapter is aware of replicated content and can read from the remote system upon any failure of the primary.

- Enterprise Vault “Safety Copy” support at the item level: The adapter monitors data protection level settings on the primary and replica; it will not mark an object as safe until the correct number of objects is present on both systems.

Solution Benefits

- Reduce Tier 1 storage growth to control capital expense.
- Gain full support for on-premises, cloud and mixed environments.
- Control operational expense with a single, easily managed archive infrastructure.
- Reduce cost and risk of compliance and legal actions.
- Streamline backup and recovery windows for email and file systems.
- Increase performance in the content source environment.
- Improve access to reference information for better decision making.
- Rely on automatic read failover to replica and repair of primary archive.

For More Information

Contact your Hitachi Data Systems, Veritas or preferred reseller to learn more about this solution offering.

Data Protection Services

Hitachi Data Systems offers various data protection and replication services that simplify and accelerate local and remote data replication and disaster recovery solutions. These solutions enable normal business operations to resume in minutes, rather than hours or days, following a primary site outage. They help you meet your service levels quicker and with lower risk.

Hitachi Data Systems

Corporate Headquarters
2845 Lafayette Street
Santa Clara, CA 95050-2639 USA
www.HDS.com community.HDS.com

Regional Contact Information
Americas: +1 866 374 5822 or info@hds.com
Europe, Middle East and Africa: +44 (0) 1753 618000 or info.emea@hds.com
Asia Pacific: +852 3189 7900 or hds.marketing.apac@hds.com

