

Hitachi Content Archive Platform

For long-term preservation and retention of the fixed content required for effective customer service, corporate governance, and regulatory compliance, the Hitachi Content Archive Platform provides a highly scalable, reliable “active archive” environment.

Fixed-content Archive Solutions in a Digital World

Companies of varying sizes across a broad spectrum of industries face the challenge of effectively managing and preserving the current explosion of business-critical fixed-content data (data that is not intended to change). Fixed-content data is increasingly being required by statute to be archived in an unalterable online digital format and to be quickly retrieved to meet regulatory and litigation needs. The data explosion is compounded by increasing corporate governance pressure to reduce the operational impact of internal and external audits related to government regulations regarding the retention and protection of business records.

The Hitachi Content Archive Platform is designed to answer all of these challenges. This robust “active archive” both preserves and authenticates fixed-content data as being verifiably unchanged for long periods of time, while optimizing performance and availability to handle the explosive growth of data. The Content Archive Platform can be used to improve customer service response time, and/or to meet corporate governance and regulatory compliance objectives.

To manage the explosive growth of archival data, the Hitachi Content Archive Platform

can scale cost-effectively to multipetabytes without requiring server additions and reconfiguration as storage nodes are added. With Hitachi Content Archiver software, this centralized online archive can index, store, and search corporate fixed-content objects (and their associated metadata) using business-defined retention and protection policies. Whether the need is legal discovery, customer service, and/or regulatory audit requests, the Hitachi Content Archive Platform provides the benefits of a robust “active archive” for businesses of all sizes.

Business Benefits

Preserve and Retain Fixed-content Data

- Provides an “active archive” for all types of fixed content, such as e-mail and instant messages, scanned images, documents, engineering drawings, spreadsheets, presentations, database records, audio and video files, medical imagery, and all other types of data, whether structured or unstructured
- Reduces content retrieval time and cost for customer service questions, e-discovery, regulatory audit, or for business information/knowledge
- Provides index/search capabilities that are not available with offline media

Business Solutions

Hitachi Data Systems and its Solution Partners offer industry-leading technology to help organizations of all sizes meet their unique requirements for business continuity, regulatory compliance, and data recovery. Together, we provide cost-effective storage products and solutions that leverage world-renowned Hitachi global R&D resources to deliver performance, availability, and scalability—supporting business-critical applications and strengthening competitive advantage.

Complementary Services

Hitachi Data Systems Global Solution Services (GSS) can help organizations of all sizes design and implement the optimal Content Archive Platform configuration to meet specific business and application requirements. Choose from GSS design and implementation services that support the Hitachi Content Archive Platform and the entire suite of Hitachi storage products.

- Ensures the authenticity of content at the time it is archived by creating a unique digital signature and matching it when the content is retrieved in the future
- Allows strict adherence to corporate retention policies and processes, to prevent accidental or malicious record deletion prior to a data retention end-date as set by corporate policy and/or government regulations
- Leverages investment in existing storage infrastructure by creating an “active archive” utilizing existing customer Hitachi storage capacity

Optimize Performance and Availability

- Protects data in unaltered form through file authentication, retention, and logging
- Simplifies storage management and administration through a self-managing cluster design that allows storage nodes to be added or removed without configuration changes
- Ensures high availability with a SAIN (SAN-attached Array of Independent Nodes) architecture and RAID-6 protection
- Optimizes performance by distributing workload balance

Meet Governance and Compliance Requirements

- Automates archiving procedures through policy-based management
- Sets and enforces data retention periods to provide disk-based “write once, read many” (WORM) capability
- Provides authenticated content preservation with a choice of digital signature or hash algorithms
- Full-text index, search, and retrieval across content objects in the archive speed customer service, auditing, and legal discovery

Feature Highlights

- Standard file system integration interfaces: NFS, CIFS/SMB, HTTP, https, WebDAV, SMTP, NDMP
- Multiple Data Protection Levels (DPL), up to three, enabling users to select the number of file copies to be archived
- Support for Hitachi Universal Storage Platform™ V, Hitachi Universal Storage Platform, Hitachi Network Storage Controller™, Hitachi Adaptable Modular Storage, and Hitachi Workgroup Modular Storage
- Content indexing and search for file content and/or file metadata
- Custom Metadata
- WORM File System
- Encryption of archived data for authenticated content preservation
- Duplicate data elimination
- Automated object-level remote replication
- Multiple application support for simultaneous archiving of data

Packages and Availability

The Hitachi Content Archive Platform is available in a variety of packaged models, defined by capacity, and in disk-less and software-only configurations for greater flexibility.

- Content Archive Platform is available in pre-configured turnkey packages across multiple capacity points for those

customers interested in a fully integrated hardware and software solution

- Content Archive Platform - DL (disk-less) allows customers to select any of the qualified Hitachi supported storage platforms that meet their requirements (please see V2.0 Release Notes for supported platform list).

Compliments of:

 Hitachi Data Systems Corporation



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