

HT Data Repository

Is your archive a safe place? Or is it just a place?

Data archiving is fast becoming a critical IT function. In order to move massive quantities of un-accessed data to less expensive storage and to ensure compliant long-term data retention, organizations are archiving all types of data including files, emails, database data, images, new media, etc. New archiving and content management products have emerged to classify data and transfer it off of primary storage. Unfortunately, their “repository” is usually just an alternative SATA disk area or single hardware device on the network. While these repositories can provide online data access, they still depend on unwieldy and expensive backup to protect the data against loss of the repository. They may require additional replication for operational and disaster recovery. If they are compliant, it is only because of an attribute of the storage hardware device, not thanks to any actual repository management capability.

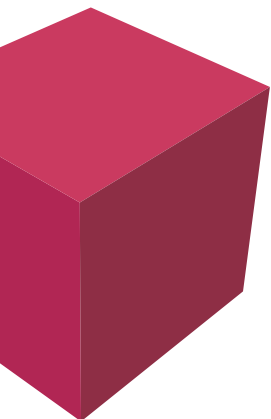
Obviously, there is a problem. Without a robust, self-protecting repository, the benefits of archiving can't actually be realized. Data management costs are not reduced, new low-cost storage technologies are not leveraged, and successful long-term retention is not realized.

HT Data Repository lets you realize the benefits of archiving.

HT Data Repository provides applications with an easy-to-access virtual “place” for retaining and protecting data. HT Data Repository is self-protecting, compliant, full-featured, and scalable for deployment throughout the enterprise. When data is submitted to HT Data Repository, it is written out by user-defined policy to multiple copies on any desired combination of media and network locations. These copies are retained and adjusted according to the user's data lifecycle management policies. Data is authenticated, uniquely identified, encrypted, compressed, and secured as the responsibility of data management is transferred from primary storage. HT Data Repository also includes enterprise-class media management, allowing users to track and manage the location, retention, and utilization of the media and devices used to store data. Finally, HT Data Repository tends to the destruction of all copies of the data upon completion of its retention cycle. HT Data Repository finally lets you implement cradle-to-grave data lifecycle management.

Create multi-copy, multi-media archives that meet all your business needs.

Your data archives must be protected from loss and highly available. HT Data Repository creates multiple copies of data submitted to the archive to ensure high availability, recoverability, secure off-site storage, and compliance. With this feature, users automatically create all the copies they need at the moment the data has been submitted. These can include: a copy onsite on spinning disk for fast access; a copy of last resort offsite on removable media, a secondary onsite copy for operational recovery, and a disaster recovery copy at a secondary site ready to go live. At least one of these copies can be stored on compliant media.



The Key to Cost-Effective, Safe and Compliant Archiving

Major backup cost reduction.

The immense operational cost of backing up and dynamically replicating data is what compels many organizations to move data off of primary storage. Transferring data to a secondary repository doesn't help if that repository still requires backup or replication to ensure that spare copies are safe in a vault or at the disaster recovery site. All you've done is transfer for the problem if the repository can't create its own spare copies automatically. HT Data Repository does just that. Its virtual repositories are defined by the user to create spare copies on different media and physical locations so that further backup and replication aren't necessary. If a significant amount of static data from the primary store is migrated to HT Data Repository, the reduction of backup costs and complexity can be dramatic.

Deploy and exploit secondary storage options as you like.

HT Data Repository writes to all common disk, tape and optical media and devices. These can be new storage technologies with their own added value features or you can use traditional devices you already own. HT Data Repository supports all the latest concepts in secondary storage including: content-addressable storage (CAS) systems, virtual libraries, and complex tape and optical automation. The technology is incredibly flexible, allowing you to create your own strategic multi-site storage topology. Yet, because it is software, you get all the benefits of storage virtualization where media and devices can easily be brought in and out of the repository environment and archiving strategy without affecting the compliant handling of the data itself.

Benefits

- Cost reduction – allows an organization's extensive unaccessed data to be migrated from expensive primary disk to less-expensive secondary storage
- Cost reduction – does not require expensive backup or replication procedures – backup of primary storage is significantly reduces and, since archives are "self-protecting," additional backup procedures are entirely avoided
- Risk mitigation - enables compliance with data retention regulations
- Productivity – ability to provide in-built disaster recovery ensures full-time organizational access to information
- Flexibility – lets you implement storage-agnostic archiving -- you can re-purpose legacy equipment and/or invest in new storage products from any the leading storage vendors as you see fit

Key Features

- Data encryption
- Data compression
- Data authentication
- Policy-selected virtual repositories
- Multiple distributed data copies via LAN and WAN
- User-adjustable disk caching
- Support of all common archiving media including disk, tape, optical
- Enterprise removable media management
- Policy-based media retention and retirement
- Data migration procedures
- Media consolidation procedures
- Advanced reporting

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