FortresStore Active Archive Solution

More Storage Combined with a More Strategic Approach to Archiving

Unstructured data is growing exponentially. This data — including email, images, video, social media, documents, and more — is outpacing the growth of storage systems. At the same time, organizations are under increasing pressure to preserve this data in archive for longer periods of time to meet compliance, e-discovery and Big Data analytics requirements. Keeping files on Tier 1 storage is untenable, so many enterprises look to store the files in an archive tier while maintaining end user access to the content.

Backup storage is often the first target for data archiving, but the cost and challenges of backing up unchanging data drains valuable resources and returns very little value. By moving unchanging or stale information to a purpose-built archive, organizations improve performance and free up capacity in their production environment while improving access to and usefulness of the archived data.

ViON's FortresStore Active Archive Solution addresses the need for more storage and a strategic approach to archiving. It leverages existing storage and manages it more effectively, adds more storage for less cost, and improves data security. Operational effectiveness increases as users benefit from faster, more efficient access to archived files from anywhere. As a result, the enterprise is able to meet retention requirements for compliance and regulation more effectively than traditional storage approaches for meeting retention requirements for compliance and regulation.

Solution Overview

FortresStore is a purpose-built, preconfigured appliance that integrates hardware and software to provide an archive tier of storage that is low cost and highly scalable with inherent data protection. It provides users access through existing interfaces (Internet Explorer, MacFinder) as well as "Access Anywhere" from the web and mobile devices.

Availability	The clustering capability of FortresStore's Enterprise version allows the system to remain fully functional – even in the event of power or equipment failures data can still be written and read. In addition, the cluster provides load balancing across the nodes to optimize workload performance for write or read operations.
Scale	The different appliance options provide both input/output (I/O) and managed capacity per appliance. If more I/O or capacity is required, simply add another node to the cluster. This provides virtually unlimited scale to fit any environment.
Access Anywhere	Once data has been moved to the archive, any file can be accessed via web portal or mobile device. Files can be opened, downloaded, restored (back to original filer) or emailed.
Data Migration	FortresStore Data Movers can connect to any NAS or filer, providing policy-based migration of files to the archive. Data can be sent over the LAN or WAN as well as through HTTPS, allowing the data movers to be deployed where the content resides while the archive can be centralized.

Providing lower-cost, reliable, accessible storage and archiving

FortresStore offers multiple benefits for storing and archiving data:

Low-cost, Highly Reliable Storage

FortresStore manages unstructured file growth by providing low cost, highly reliable storage and user-accessible file storage. For more frequently accessed content, FortresStore uses higher performance storage as cache.

Supported Email Expansion

FortresStore Active Archive solution supports email expansion by archiving email attachments out of email with the Simpana email archiving solution. FortresStore reduces costs by archiving email attachments on lower-cost storage, reducing strain on SQL server(s) and providing users with full view and access to attachments.

Universal Access to Archived Files

FortresStore enables automatic migration from any file system regardless of location. Remote users can access files through their existing systems from a single archive. Web-based access allows users to reach archived files from anywhere.

Solution Highlights

Greater Capacity: FortresStore offers an intelligent data storage framework that effortlessly scales to petabytes of data across different storage mediums.

Lower Cost / Highly Reliable Storage: Replacing primary storage and de-duplicated disk backup with FortresStore Active Arch can save significant acquisition costs. FortresStore provides user-accessible file storage using low cost, reliable mediums for all content and higher performance storage as cache for frequently accessed content. As capacities increase, so do savings.

High Accessibility / Mobility: FortresStore enables rapid data access and retrieval of files stored on any storage tier – from virtually anywhere, via web-based access.

Attachment Management: Email attachments can be archived out of email and stored on the FortresStore archive using Commvault's email archiving solution. Users maintain full view of and access to attachments, but attachments are now archived and will take longer to open.

Backup Limited to Structured Content and Servers: Since 100% of all files are protected in the archive upon creation, the backup process no longer needs to include files. Backup windows will be dramatically reduced and focused on critical server / applications.

Long Term Technology Migration: Provide for a seamless upgrade to future technologies, including all performance tiers and media.

Building a Private Cloud: Cloud-based archiving is a convenient way to add storage capacity without the need for more CapEx investments and ensures the long-term preservation of the data.

About ViON: ViON is a veteran-owned, privately held company with 35 years of experience building IT enterprise solutions for government and commercial customers. Being independent allows for streamlined decision making and nimble responses to our customers' needs, providing varied and unique solutions to address today's IT challenges. Visit us at vion.com