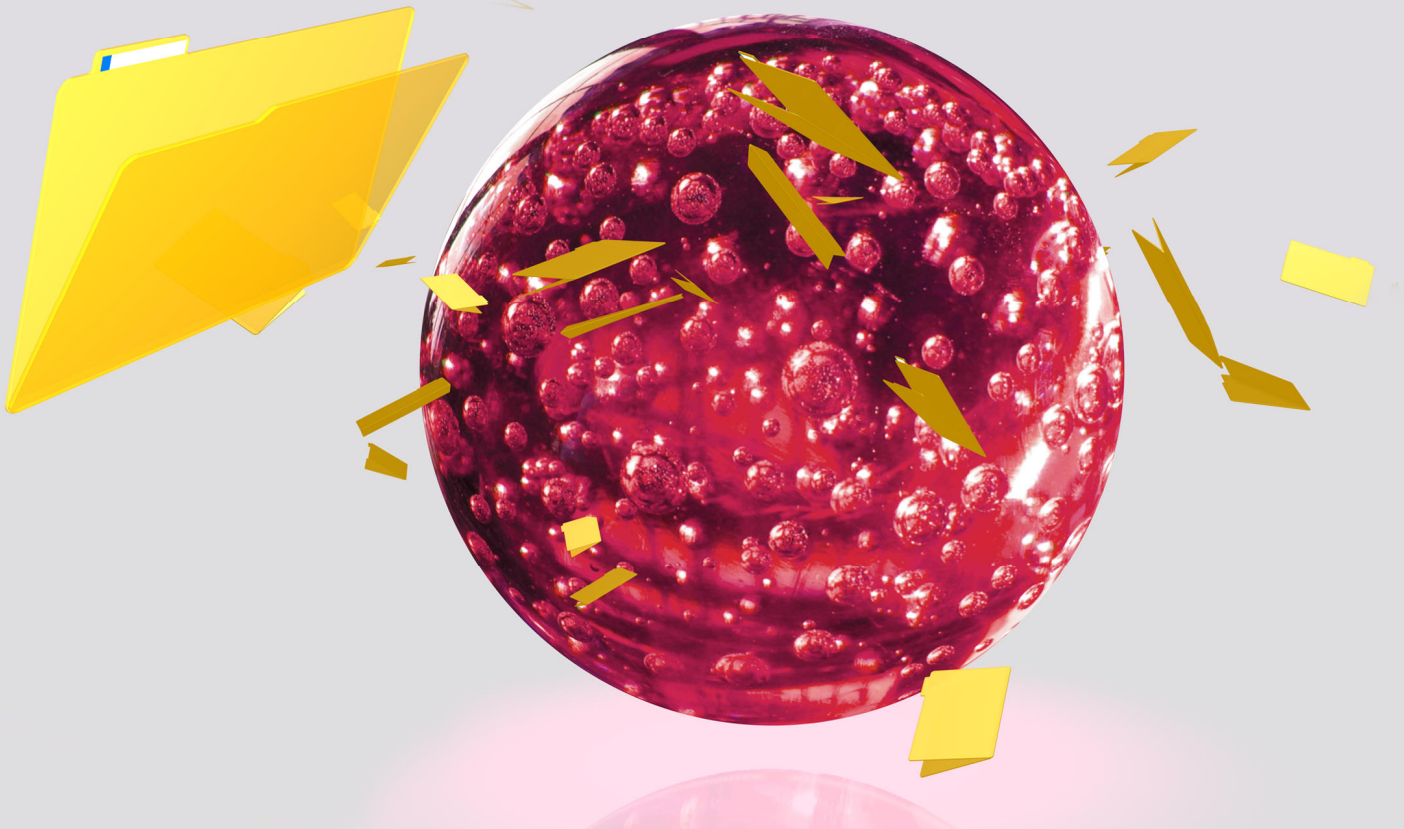


PAM for FILES file server archiving at its best

Whitepaper
Advanced File System Archiving



CONTENT

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Advanced File System Archiving

PAM for FILES is an enterprise wide archiving solution that controls the corporate information lifecycle management. The software comprises of an integrated HSM Engine that manages the individual preservation and mobility of stored files and documents. Pressure build up on the file servers is avoided producing a coherent and high performance file throughput as well as reducing administrator backup times. As time passes, storing ever mounting volumes of unused company data and information for audit and compliancy reasons requires competent business workflows and processes.

Centralized File Archiving

Corporate information is captured, managed and maintained from one location ensuring a secure foundation for file storage and distribution. The major benefit for centralizing the information is the opportunity to duplicate the archive and create a mirrored store for backup and disaster recovery situations. Off site secondary locations are becoming more popular as technology advancements bring added risk management difficulties.

Also, consumer technologies such as USB flash memory, IM, mobile devices amongst others have become prominent in the workplace, adding to the threat of losing sensitive corporate data. By implementing a centralized archiving solution, there is no risk of losing or manipulating the data if employees remove it from company premises.

File Information Lifecycle Management

Sensitive corporate files and directories used on a daily basis are stored on high performance storage media to gain the optimal retrieval times. After a certain amount of time the information becomes accessed less often and can then be moved onto long term inexpensive storage media. The information is held for compliance and audit trail purposes for a set amount of years in most cases. Security measures are taken as the stored information has deletion lock meaning it cannot be deleted from the archive until the retention period is over; the archive remains compliant and the entire automated process can be predetermined beforehand by the administrator.

The HSM Engine is at the centre of lifecycle management, applying the retention category policy, setting the schema and controlling the metadata for each archived document. The **PAM for FILES** HSM Engine is integrated into the software which guarantees the most advantageous file system configuration regardless of the architecture.

Retention Policy Management

Predetermine the individual or grouped file lifecycles by setting time retention categories. The process of managing file usage and life expectancy is central to the archiving progression. A common configuration is to retain everyday use files for a set amount of time on short term highly receptive storage media and after the file is less influential in daily use it is automatically distributed to inexpensive long term storage units.

Several archiving jobs can have multiple retention categories running for different storage media types. The setup is configured by the administrator beforehand and she/he receives archive progress activity updates sent through email alerts.

Economical Single Instance Storage

Archiving only one instance of a multiple used file significantly improves the volume levels of the storage media. When a shared document is edited a new version is stored in the archive as a new instance. Multiple users can simultaneously open, edit and save the same document which is then viewed as a separate version. Storing data in this fashion promotes intelligent hardware usage which in turn develops and maintains the backend architectural structure. Storage optimization is the important aspect when considering compression and single instance storing; if these technologies lower the storage levels and improve backend performance then time and cost inevitable will be saved.

Advanced Full Text Search Capabilities (with Exalead)

Advanced Search functionality is a high priority for user and administrator daily operations. Retrieval and restoration of sensitive data are demanded if a company is to speedily obtain corporate advantage. File discovery affects internal business processes and complying to external regulations equally; these audit investigations demand a highly receptive discovery suite to attain the relevant data trail in the fastest possible time. The powerful unified search technology developed by exalead can decipher multiple languages and data in enterprise wide archives with the search results being displayed in the traditional exalead manner with file type illustrated in the thumbnail.