



Automated Capacity Optimisation



File Archiver

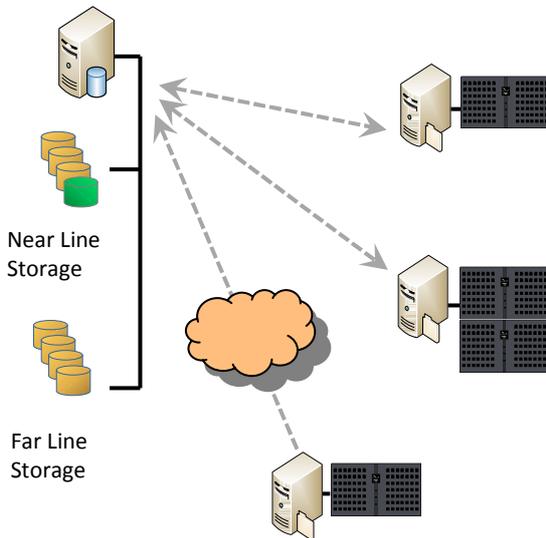
File Archiver

Automated Capacity Optimisation

With digital data growing at an ever increasing rate and new regulatory requirements meaning that critical data has to be kept secure for longer periods of time the amount of storage required and the management of this storage by the IT department means that the total cost of storage is ever increasing.

File Archiver allows the IT department to set automatic policies that moves data from primary storage to lower cost storage automatically and to secure critical data in a central location so as to meet regulatory guidelines whilst reducing the storage costs and management costs.

File Archiver Server



Storage Reporting

File Archiver includes a storage reporting module that provides a clear view of the structure of the data that is stored. Organisations can understand how much storage space would be saved by archiving all files of a certain type or age or size or by owner.

Automated Policy Based Archiving

File Archiver allows the IT department to set the archiving policies for the organisation. Files can be automatically:

- Deleted.
- Archived and Deleted.
- Copied.
- Smart Stubbed.

Multiple policies can be set and these policies can be set by directory, server or global

Smart Stubbing

The screenshot shows the configuration interface for watchpoint E:\Users. It includes sections for Schedule Details, Folder Selection Criteria, and File Selection Criteria. The Schedule Details section has a dropdown menu for Policy Type (set to 'Archive with OnDemand Stub'), a dropdown for Schedule Type (set to 'Weekly'), a dropdown for Day (set to 'Friday'), and a text field for Run Time (set to '10:30'). The Folder Selection Criteria section has a checkbox for 'Apply to All Folders' which is checked. The File Selection Criteria section has a checkbox for 'Apply to ALL Files in this Watchpoint' which is unchecked. Below these are options to 'Select your File search criteria:' with a dropdown for 'File Creation Date', a dropdown for 'greater than', and a text field for '1825'. There are also radio buttons for 'Select Date:' and 'Days Ago:'. At the bottom, there are links for 'Add to selection criteria' and 'Clear All Criteria'.

File Archiver includes smart stubbing technology. A smart stub is a stub link to a file in the archive that can have different properties when accessed by a user or an application

On Demand Stub – Users have to confirm that they want to view the file from the archive. This means files such as PDF's are not restored to primary storage just viewed by the user from the archive.

Dynamic Stub – a file is automatically restored from the Archive when requested by a user or an application. Safely archive application data files or linked spreadsheets and documents.

Revision Stub – The user is asked what revision of a file they would like to access from the archive. File Archiver automatically keeps copies of the files when the user makes changes.

No Client Software Architecture

Smart Stubs means that the users and applications work with files just as they did in the past. Users do not need to access the archive using client software because the files are presented to them just as if they were still on the file server by the smart stubbing technology.

Name	Size	Type	Date Modified
2008		File Folder	2/5/2008 11:36 AM
Marketing		File Folder	2/5/2008 11:36 AM
Brochure_Draft 1.doc	1 KB	Internet Shortcut	2/5/2008 11:35 AM
BudgetProp.xls	1 KB	Internet Shortcut	2/5/2008 11:34 AM
DiskKeeper2008-ProPremier.exe	1 KB	Internet Shortcut	2/5/2008 11:47 AM
Letter26.doc	1 KB	Internet Shortcut	2/5/2008 11:47 AM
New WinZip File.zip	1 KB	Internet Shortcut	2/5/2008 11:43 AM
Proposal.doc	1 KB	Internet Shortcut	2/5/2008 11:43 AM
StorageByUnit.jpg	1 KB	Internet Shortcut	2/5/2008 11:48 AM

Primary Storage De-duplication and Storage Consolidation

File Archiver Includes de-duplication technology for your primary storage, meaning that only one copy of the same file is stored in the archive irrespective of the number of instances that have been stored. The archive volumes are compressed and encrypted and the compression means that the size of the data stored in the archive is reduced by 40% from the original size

Reducing Backups

By reducing the size of the data stored on the file servers the size and the time taken to backup the file servers is reduced and organisations do not have to worry about their backup process continuing into the working day.

Data Management of Archived Files

File Archiver writes the archived files to data chunks. These data chunks are defined by size or age and once the criteria is met the data chunk is never written to again. Data Chunks simplify the backup of the archive because only the current data chunk needs to be backed up and also as they age data chunks can be moved to read only storage for retention.

One Click Restore—Disaster Recovery.

Files are easily recoverable from the archive back to file servers. One click and a file or a directory tree or a whole storage device can be restored back to the original location or a new location. Eliminate the cost of restoring a file when a user accidentally deletes a file or in the case of a server failure restore all the files quickly. What may have taken days to restore from tape can be restored in minutes or hours with File Archiver.

e-discovery.

When files are needed for an investigation they can be found quickly and cheaply by searching the archive as compared to searching individual file servers or tapes. The search can be by name, by type, date range, owner across all of the file servers in the organisation.

Green IT

For organisations that want to be responsible to the environment it is no longer acceptable to just keep adding storage and increasing the amount of power used to store digital data. File Archiver enables the current storage capacity to be optimised meaning less power consumption and extending the working life of previous storage investments.

Benefits of File Archiver

- Free-up expensive disk space by capacity optimisation.
- No expensive to manage client software required
- Smart Stubs allow application data to be archived
- De-duplicates expensive primary storage
- Automates IT management tasks to reduce cost
- Reduces the amount of data to be backed up
- Archives critical data in a secure location
- Fast Disaster Recovery
- Reduce the time and cost of e-discovery



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