ARCHIVE AUTOMATION

Information is the current global currency. All information created, received and shared by your company, should be consolidated and indexed into a searchable collection of data and not stored in an inactive repository.

Most companies are aware of the need to back-up their data but not all are conscious of the benefits of having a digital archive. Therefore it is essential to understand the difference between these different concepts. **Back-up** *is the process where an additional copy of files is made for a short period of time, intended to cope with (incidental) loss of the original data.*

Archiving *is the process where a permanent copy of data is made. The copied data is intended to be used in the future as a reference and/or the primary source of that data. In many cases the original data is being deleted from the primary storage.*

Archiving should form an essential part of your **Storage & Retrieval** *processes as it offers short and long term costs savings as well as instant efficiency improvements. The key issue is that archiving needs to take place in an automated and user-friendly manner, requiring no extra efforts from the users and also enabling future data growth.*

80-20%: Tests prove that 80% of historical data is accessed infrequently but regularly. This means in most companies that 80% of primary storage, back-up and disaster recovery requirements could be substantially relieved.

How? DAX Archiving Applications integrate the archiving process into your network by simply adding a third tier to your current storage capacity. Tiered archival storage is the single solution for unstructured data growth as no particular archival storage technology can completely address all of the internal and external compliance requirements that organizations face today.

Complete (software and/or hardware) solutions in tier 3 ensure virtually unlimited terabytes of archival storage space while providing the optimum combination of open standard RAID and Removable Storage Media Technologies such as Blu-ray Disc, DVD, Tape, etc.
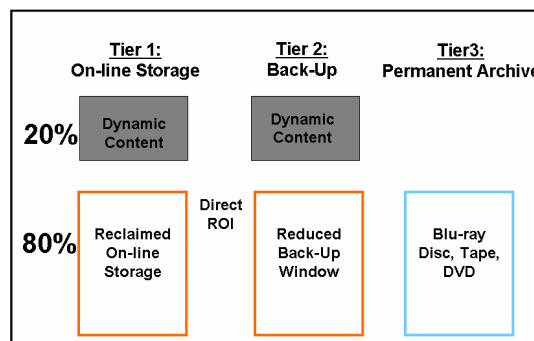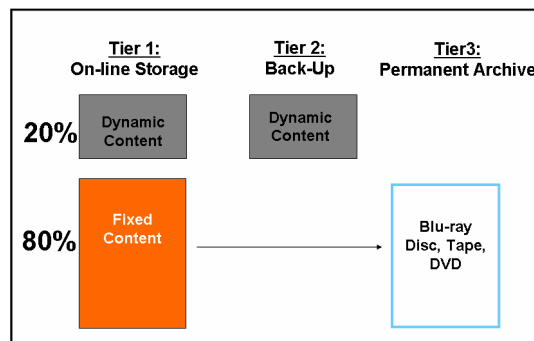
Tier 1: Recent data is retained on-line on hard disk for rapid access while at the same time this data is copied to low-cost and removable media in tier 3.
Tier 2: Only recent data of tier 1 has to be backed-up in tier 2. (Dirty files not yet archived as well as meta data should be backed up?
Tier 3: In the permanent archive all your data will be stored safely and preserved for future usage. WORM (write once, read many) technology fulfills compliance requirements and protects against data losses caused by viruses, hack attacks and human error.

DAX Archiving Applications offer a sector-specific, user-friendly software interface and open standard solutions which allow network administrators to centrally manage their archival storage applications.

Tier 1 On-Line Storage	Tier 2 Back-Up	Tier 3 Permanent Archive
Dynamic Content	*Secondary Copy of Dynamic Content*	*Permanent Copy of Fixed Content*
0-30 days	*30-90 days*	*90+ days*

ARCHIVE SOLUTIONS

Scalable and affordable archiving applications for small to enterprise level companies:

✓ **AUTOMATE: Save costs and improve the efficiency of your workflow with automated archiving.**

✓ **DAX = Digital Archive eXtendible: Prepare your infrastructure for continuous data growth.**

✓ **VIRTUALIZE: Obtain instant data access through hard disk technology.**

✓ **PERMANENT: Secure the future of your companies' history by archiving all data written to physical media.**

Email Archive	The Email Archive provides unlimited email storage, while ensuring a fast and efficient email server. Users do not need to clean up their own email-boxes and archive their emails manually anymore as this is done automatically. Users can also access the archive from their existing email environment like Outlook or Lotus Notes.	• Automate email archiving without modification or interfering with existing e-mail server/clients. • Reduce load of mail servers • Guarantees control of all the companies email without depending on the cooperation of individual email users.
PrePress & Publishing Archive	The Prepress Archive allows clients to extract large amounts of fixed (finished) content from the network server that frees up storage capacity for dynamic data. Automated archiving saves time and doesn't require any operator involvement.	• Archive all projects automatically and automate your workflow. • Increase efficiency of storage infrastructure by separating fixed and dynamic content. • Improve output by efficient re-use of existing material.
DICOM Archive	The DICOM Archive is a fully scalable archive that can automatically capture information and images from any number of medical image sources including image modalities, displays and workstations.	• Archive all patient data automatically and make instantly available throughout the hospital network. • Export patient data easily to the standardized DICOM format, making it portable to other facilities.
Broadcast Archive	The Broadcast Archive transforms a static storage environment into an environment where users can efficiently share and manage their video files/clips, providing instant on-line previews of every video clip and sharing across the network	• Separate fixed and dynamic content and obtain excellent ROI by automated offloading of expensive on-line storage and efficient re-use of data. • Search off-line media and play/edit previews.
File & Folder Archive	The above are just a few examples of our Archive Solutions for varied and discrete applications. DAX has no application limitations. DAX software provides a flexible platform for automating any digital archive requirement. Moreover, our products are frequently applied in dedicated projects aiming at specific customer requirements. Specific references are available on request.	

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dax
archiving solutions

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