

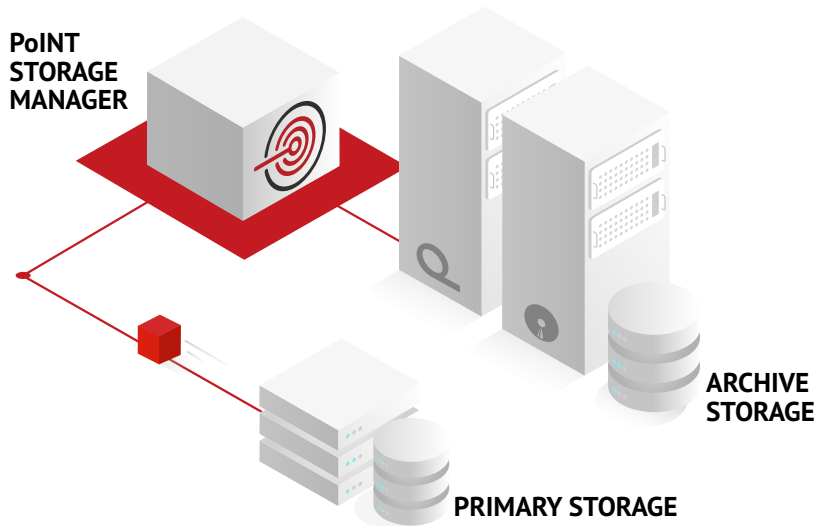
The extreme growth of unstructured data is one of the most important challenges which companies have to face within the next years. Simply expanding primary storage will no longer solve this problem because of economic and technical reasons. Based on the fact that most of the unstructured data is inactive ("cold data") companies are looking increasingly for solutions to solve this dilemma.

The solution is to archive data to suitable secondary storage systems designed for long-term data preservation and archiving. "PoINT Storage Manager – Archive Edition" provides an easy to install and intuitive to use software for automatic policy-based migration of cold data and data to be archived from primary to secondary storage.

FILE ARCHIVING

POLICY-BASED FILE ARCHIVING

PoINT Storage Manager – Archive Edition offers policy-based file archiving. This automated archiving concept allows usage of different technologies (hard disk, tape and optical) according to their strengths – no user action is needed.



USER-DEFINED ARCHIVING BY WEB CLIENT

Besides the automatic process of file archiving PoINT Storage Manager – Archive Edition offers also user-defined archiving supported by a Web Client. The Web Client is aimed at environments in which particular users need to be able to perform archiving operations by themselves. Usage of the Web Client is protected by a user authentication mechanism.

WORM FILE SYSTEM WITH CIFS ACCESS

Most applications do not support archive storage systems (like tape and optical) natively and require a standard storage access interface like CIFS. PoINT VFS (Virtual File System) is an integral module of PoINT Storage Manager – Archive Edition and implements a native Windows file system. It provides standard CIFS file system access to archive storage systems. This means applications can make use of the benefits of archive storage systems without adaptations.

Benefits

- Efficient use of primary storage
- Fulfillment of archiving requirements
- Independent of specific storage hardware vendor
- Reduced capital expenses
- Increased productivity
- Easy installation
- Intuitive usage
- Use of standards

Features

- Policy-based and user-defined File Archiving
- WORM File System (PoINT VFS)
- Data Mover Mode
- Data Authentication
- Archive Browser
- Automated Replication
- Off-line Media Management

Archiving Methods

PoINT Storage Manager – Archive Edition provides multiple archiving methods. This comprises copying of files (Copy Mode), moving of files (Data Mover Mode), and stubbing of files (HSM Mode)

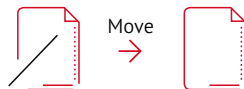
Copy Mode

Original file is retained



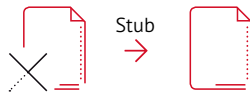
Data Mover Mode

Original file is deleted



HSM Mode

Original file is replaced by transparent link ("Stubbing")



PoINT Web Links and Web Client

Besides stubbing, PoINT Storage Manager - Archive Edition does also support so-called Web Links which can be used for all NAS used as source system. Access to archived files is possible through a TLS-protected download. With the OS-independent PoINT Web Client archived files can be displayed, searched and downloaded in convenient way in a web browser.

Independent of Specific Archive Storage Hardware Vendor

PoINT Storage Manager - Archive Edition supports multiple vendors of archive storage systems. This prevents a proprietary hardware solution with long term dependency and unforeseeable support costs. The replacement of archive devices is - as an option - supported by PoINT Storage Manager and is possible at any time without interruption of operation.

Automated Replication

PoINT Storage Manager - Archive Edition supports automated replication of data stored in archive storage systems. The replication device can be a second same storage system, e.g. in a remote location, but also replication devices with different storage technologies are supported.

User Controlled Archiving

In addition to the administrator-based archiving, PoINT Storage Manager - Archive Edition provides the function "User Controlled Archiving". This function, which is available as Windows Explorer add-in, allows users to customize which data to archive and when. The administrator specifies which users have the appropriate permissions to individually archive data and also determines which commands are available.

Use of Standards

PoINT Storage Manager – Archive Edition strictly adheres to standards for storing data on secondary storage systems. This ensures independence from a specific hardware vendor and protects customer investments. Furthermore access to all archived data is provided by standard operating system methods. MTF (Microsoft Tape Format), LTF5¹ (Linear Tape File System) and UDF (Universal Disk Format) are supported as standard formats for tape and optical.

Software Development Kit

The Software Development Kit (SDK) can be used by system integrators to incorporate the functionality of PoINT Storage Manager – Archive Edition into applications by a suitable API. This API provides the control of policy-based archiving as well as comprehensive query and administrative functions.

Additional Information

Additional information and a trial version of the software are available at www.point.de. Information and trial versions of additional PoINT products are available there also.

Technical Information

Source Systems

- NAS (CIFS/NFS)
- Dell EMC (VNX / Unity)
- NetApp (FAS Series)
- Windows Server

Supported Storage Systems

- HDD
- Appliances (CIFS / NFS)
- Tape (LTO, LTF5, ACSLS)
- Optical

System Requirements

Windows Server 2016, 2019 (VMware supported)

Note: This list is extended on a regular basis. Please contact PoINT Software & Systems for an up-to-date list of supported storage systems.