

Case Study

PoINT Storage Manager
Amberg Engineering AG



Amberg Engineering AG has looked for a solution to archive inactive data. According to an internal data analysis approximately 80% of the data volume was inactive. A solution had to be found for off-loading the primary storage and for using it more efficiently. It was important for the company

that inactive data was - even after the purging process - still in transparent access for the users. By PoINT Storage Manager a two-tiered HSM architecture could be implemented fulfilling all company requirements.

Challenge

- Purging and archiving inactive data to secondary storage
- Automated policy-based operations
- Permanent transparent access to archived data via primary storage
- Company internal requirements for archiving (Compliance)

Solution - PoINT Storage Manager

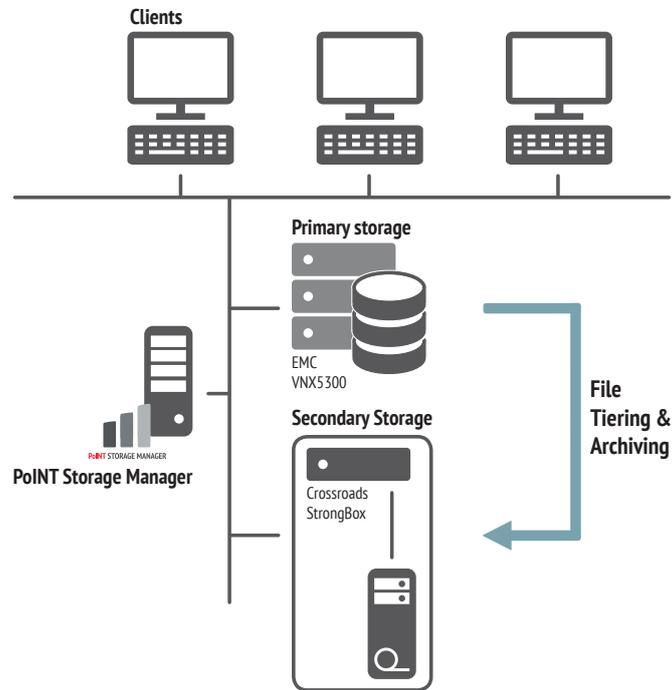
- Policy-based archiving of inactive data from primary storage (EMC VNX 5300) to secondary storage (Crossroads StrongBox with a subsequent tape library)
- "Stubbing" mechanism for transparent file access to archived data
- Policy-driven archiving of inactive data
- Read access of archived data without re-storing via „Pass Through“
- Automated re-storing in case of modifications

Advantages

- More efficient usage of primary storage by purging inactive data to secondary storage
- Time and cost savings by reduced backup-volume
- Permanent access to inactive data via primary storage system (access by stubs)
- Fulfillment of company internal compliance

About Amberg Engineering AG

Amberg Engineering is one of the world's leading engineering companies in underground construction. The company provides clients with professional and cost-effective solutions, from planning, design, site supervision and commissioning to renewal and refurbishment of structures. Alongside this, their expertise includes project management and consulting, as well as inspections and state assessments. Amberg Engineering has offices in Switzerland and other countries and is part of the Amberg Group. The companies of the Group make use of the available synergy potential and work together as a network.

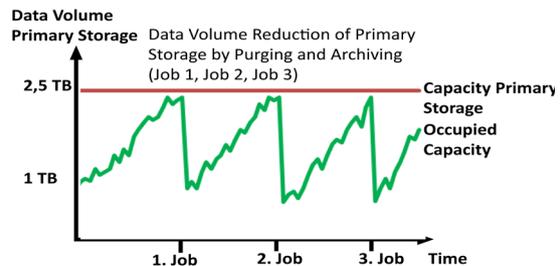


According to an internal data analysis the Swiss company Amberg Engineering AG found out that approximately 80% of the data volume was inactive and thus Amberg was looking for a solution to archive inactive data to cost-effective secondary storage. The primary storage should be off-loaded from inactive data for a more efficient usage. In addition data should be archived and later on be stored to tape.

„We were looking for a solution archiving data transparently according to our data classification. Off-loading our expensive primary storage and meeting our backup-windows again was extremely important for us. All our requirements were fulfilled by PoINT Storage Manager, and in addition the solution is easy to use.“ said Susan Amberg of Amberg Engineering AG.

The company Amberg Engineering AG stores data in so-called customer projects and classifies it in three categories: active, inactive and archived. Active data is stored at the primary storage. Project data having not been accessed for more than 360 days is defined as inactive and should be purged to secondary storage and later on be archived. Access should still be via the primary storage.

By PoINT Storage Manager all inactive project data was purged from primary storage (EMC VNX 5300) to secondary storage (Crossroads StrongBox). Therefore a policy was defined purging all data older than 360 days in an automated manner to secondary storage.



By archiving inactive data new capacity could be gained at the primary storage and both cost and time could be saved during the daily backup. In addition considerably less back-up-tapes were needed leading to further cost savings.

In the policy-based archiving process a stub is set for the archived file. By this stub the archived file is permanently accessible via primary storage. In case of read access the file is delivered to the application via a „Pass Through“ mechanism without restore. If a modification of data is nec-

essary the file needs to be restored at the primary storage. After the modifications are done the file can be archived again to secondary storage if desired.

About PoINT

PoINT Software & Systems GmbH is specialized in the development of software products and system solutions for storage and management of data using all available mass storage technologies like hard disk, magnetic tape, optical media, object store and cloud storage. PoINT works jointly together with leading hardware manufacturers. Thus PoINT can offer an early support of innovative storage technologies. Besides these complete solutions PoINT also offers its know-how as toolkits, which can be easily integrated in other applications by the programming interface.

High flexibility, observance of the workflow and policy-based data management allow an efficient usage of hardware and thus help to reduce costs and problems caused by data growth.

Additional information and a trial version of the software are available at www.point.de.