Case Study

PoINT Storage Manager
CEA Fontenay-aux-Roses

CEA Fontenau-aux-Roses has introduced a tiered storage architecture using PoINT Storage Manager and NetApp storage products. As a result CEA uses its primary data storage more efficiently by off-loading and archiving of inactive data from NetApp FAS primary storage to NetApp StorageGRID Webscale archive storage. All data remains permanently accessible through the NetApp ONTAP operating system. Overall, CEA realized significant cost and time savings mainly by reducing the volume of primary storage in use.

Challenge

- Automated archiving of inactive files from NetApp FAS to NetApp StorageGRID Webscale
- Transparent file system access to archived data through NetApp FAS primary storage
- Recover valuable NetApp FAS primary storage space

Solution - PoINT Storage Manager

- Policy based tiering and archiving from NetApp FAS to NetApp StorageGRID Webscale
- Homogeneously integration of NetApp StorageGRID Webscale
- Transparent file access to archived files through NetApp FAS
- "Pass Through on read" functionality to prevent restore of archived files to NetApp FAS
- WORM, file versioning and authentication
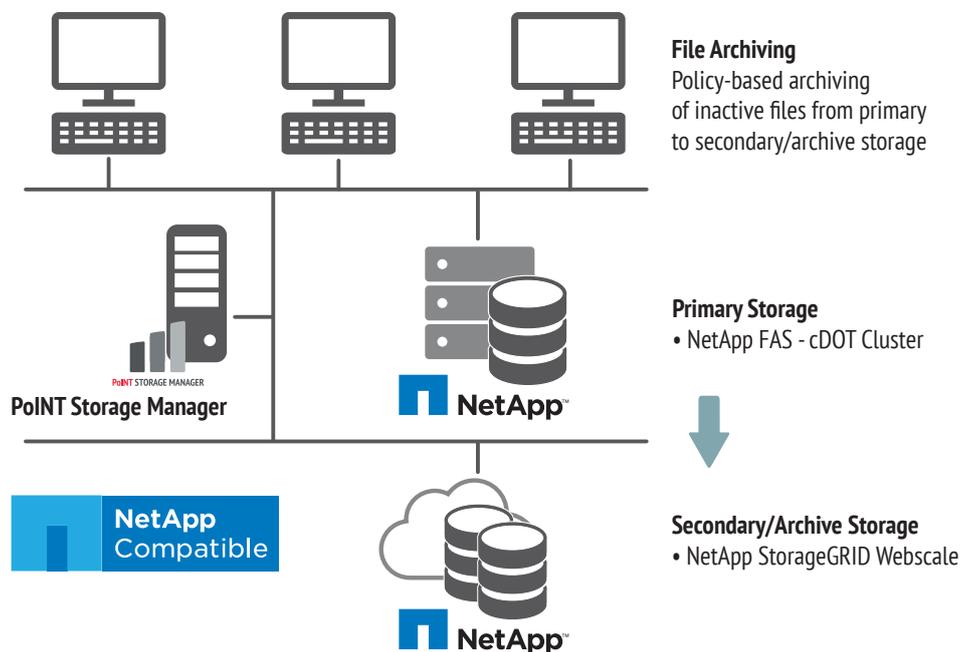
Benefits for CEA Fontenay-aux-Roses

- Efficient use of NetApp FAS system by recovering valuable primary storage space
- Fulfillment of archiving and compliance requirements
- Shrunken backup window
- Reduced capital expenses
- Native integration of NetApp storage

About CEA Fontenay-aux-Roses

The French Alternative Energies and Atomic Energy Commission (CEA) is a key player in research, development and innovation in four main areas: defence and security, nuclear energy (fission and fusion), technological research for industry, fundamental research in the physical sciences and life sciences.

The CEA Fontenay-aux-Roses is one of ten centers of the Commissariat for Atomic Energy and Alternative Energies. It is historically the first of the CEA research centers. It covers 10 hectares and counts 1,200 employees.

File Archiving
Policy-based archiving
of inactive files from primary
to secondary/archive storage

PoINT Storage Manager

Primary Storage
• NetApp FAS - cDOT Cluster

NetApp Compatible

Secondary/Archive Storage
• NetApp StorageGRID Webscale

CEA Fontenau-aux-Roses was looking for a solution to off-load NetApp FAS primary storage and archiving inactive data to cost-efficient and capacity-oriented NetApp StorageGRID Webscale. It was important to retain transparent file system access to the archived files with an automated tiering based on flexible policies.
The perfect solution for these requirements was found by the NetApp certified product PoINT Storage Manager.

"We were convinced by the concept of the PoINT product and it was recommended by NetApp. By implementing PoINT Storage Manager we could not only reduce our costs for storage extensions considerably but also fulfill our archiving obligations. Especially the easy and homogeneous integration of NetApp StorageGRID Webscale into our existing infrastructure without any changes for users nor applications was decisive.", said CEA IT Manager, Vincent Gerbe.

During the daily business huge volumes of data, stored on NetApp FAS primary storage, is produced at CEA.

The IT system intergrator Atos successfully implemented PoINT Storage Manager at the infrastructure of CEA to archive inactive data in an automated manner to NetApp StorageGRID Webscale.

Archiving is executed according to defined "Archive Policies". The adherence to compliance requirements is ensured by the data protection and data security functions integrated in PoINT Storage Manager. Write-Once properties ensure protection against modification and manipulations, in addition a digital finger print assures data authentication.

By archiving of inactive data CEA is able to use their existing NetApp FAS primary storage more efficiently and to avoid expensive primary storage extensions. Furthermore the back-up volume is reduced by migrating inactive data which leads to time and costs reductions. In addition a tremendous investment protection can be gained by consequently using format standards for archiving. The transparent availability of all data through the NetApp FAS primary storage system is also a significant advantage for CEA. By the integrated migration functionality PoINT Storage Manager is future-proof.

About Atos

Atos SE (Societas Europaea) is a leader in digital services with pro forma annual revenue of circa € 12 billion and circa 100,000 employees in 72 countries. Serving a global client base, the Group provides Consulting & Systems Integration services, Managed Services & BPO, Cloud operations, Big Data & Cybersecurity solutions, as well as transactional services through Worldline, the European leader in the payments and transactional services industry. With its deep technology expertise and industry knowledge, the Group works with clients across different business sectors: Defense, Financial Services, Health, Manufacturing, Media, Utilities, Public sector, Retail, Telecommunications, and Transportation. Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and is listed on the Euronext Paris market. Atos operates under the brands Atos, Atos Consulting, Atos Worldgrid, Bull, Canopy, Unify and Worldline. For more information, visit: www.atos.net.

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About NetApp

NetApp is the data authority for hybrid cloud. We provide a full range of hybrid cloud data services that simplify management of applications and data across cloud and on-premises environments to accelerate digital transformation. Together with our partners, we empower global organizations to unleash the full potential of their data to expand customer touchpoints, foster greater innovation, and optimize their operations. For more information, visit www.netapp.com. #DataDriven

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.