

PoINT Archival Gateway and Arcitecta Mediaflux provide unique data management platform with homogeneous tape integration

As the demand for file and object storage capacity has grown from terabytes to petabytes to exabytes, there has been a need for lifecycle management software to analyze unstructured data and move less used or inactive data from fast and expensive low latency storage systems, like flash and disk, to less expensive tiers like tape. The complex problem of integrating tape storage systems such as libraries can be solved by a software layer that provides a standardized S3 interface and abstracts from the tape hardware.

The joint solution of Arcitecta and PoINT Software & Systems addresses and solves these challenges.

Arcitecta's product Mediaflux is an unstructured data silo aggregating software abstraction layer with a single namespace that can store files and objects in on-premises storage with a database holding compressed metadata. There is a fast Mediaflux data mover to move files to the appropriate storage tier on the right storage technology. Mediaflux directly supports storage technologies such as flash, disk, and cloud. Tape storage is homogeneously integrated through the S3-to-tape solution PoINT Archival Gateway.

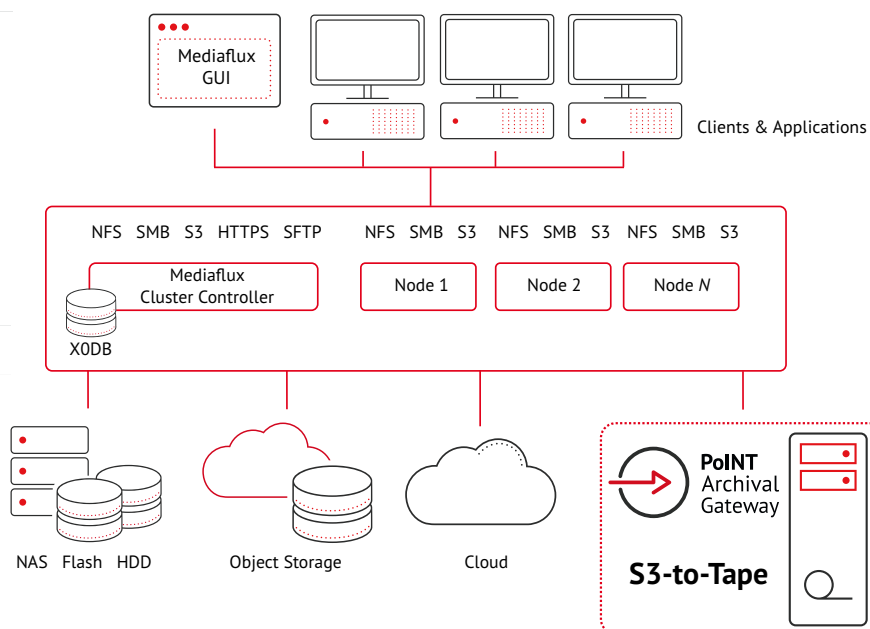
PoINT Archival Gateway is a high-performance, scalable S3 object store that supports tape libraries, providing a standardized S3 interface to implement a tiered storage architecture in Mediaflux. PoINT Archival Gateway supports multiple vendors of tape systems and a wide range of tape library products. This prevents a proprietary hardware solution with long term dependency and unforeseeable support costs. The PoINT solution supports immutability with object locking and versioning. In combination with tape air-gapping user data is protected to the highest degree. Replication, erasure coding and offline media management are further features of PoINT Archival Gateway to ensure data integrity and protection.

Key benefits of the joint solution

- Automated data tiering with tape integration
- Reduced storage costs due to tape media
- Cybercrime protection through tape air-gapping
- Metadata management for advanced search
- Single global namespace
- Full data lifecycle management

Features of PoINT Archival Gateway

- S3 API and S3 Glacier
- S3 Object storage direct to tape
- Security for data and storage management
- Native support of tape libraries
- Parallel write and read processes for up to 256 tape drives (LTO and IBM 3592)
- Offline media management



ABOUT POINT

PoINT Software & Systems GmbH is specialized in the development and distribution of software products for storage, management and archiving of data. Our data & storage management solutions offer an easy and efficient integration of different storage technologies and systems in consideration of enterprise requirements. PoINT products allow optimized usage of storage systems and help to reduce costs and issues caused by data growth.

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ABOUT ARCITECTA

Arcitecta, a leading data management company, has been providing innovative solutions for managing and integrating large amounts of data. With a vision to promote digital transformation in companies, Arcitecta develops advanced platforms that optimize data organisation, security and analysis. The company serves a variety of industries, including healthcare, research, media and financial services. Arcitecta is characterized by its ability to simplify complex data landscapes and deliver customized solutions that meet clients' specific requirements. By utilising state-of-the-art technologies and a highly skilled team of data experts, Arcitecta sets new standards in data management and supports companies worldwide in the efficient use of their data resources.

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