PoINT Software & Hammerspace

Bring Long-Term Archive to a Global Namespace

V. 2.0

SOLUTION BRIEF

Solution Overview

With increasing data volumes, organizations are looking for cost effective solutions to store data for the long term as well as to retain a copy of specific data sets. At the same time, the need to have a global view of all data-regardless of storage type, location, or on-prem or in the cloud-calls for a new way to address data management. The integration of PoINT Archival Gateway and the Hammerspace Data Platform brings together the economic and technical benefits of a tape-based S3 object storage and a unified, global data environment.

The S3-to-tape solution PoINT Archival Gateway offers a highly scalable object storage that leverages the economic and ecological benefits of tape. Thus it meets the requirements for long-term archiving and cybercrime protection. PoINT Archival Gateway provides the characteristic advantages and security features of object storage, such as erasure coding, tagging and object locking in combination with tape. Additionally, PoINT Archival Gateway operates with only a small footprint: data is stored via S3 directly on tape, without the need for a hard disk buffer. The software supports all available tape storage products and tape formats (LTO, IBM) and is independent of storage hardware. The combination of PoINT Archival Gateway and Hammerspace meets the requirements of long-term archiving, data protection and cost efficiency.

Solution Benefits

Global view of data across all locations

- Convert your data into a single, globally-available dataset with fast-as-local performance—while avoiding paying the time or operational penalties of moving data over distance.

Scalable storage for large datasets

- With datasets growing to multiple petabytes, the ability to cost-effectively scale storage for long-term archive is critical. The joint solution of Hammerspace and PoINT addresses this challenge.

Security and Compliance

- Companies can retain control over their data and its security when they store it “in-house”. The air gap characteristic of tape provides resilience against cyberattacks.

Automated data orchestration

- Overcome data gravity with automated, non-disruptive data orchestration globally for data at the edge, in your datacenters, and in the cloud.

Cost effective solution

- Bringing tape into your environment for specific datasets will lower operating and energy costs.

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About PoINT

PoINT Software & Systems GmbH is specialized in the development and distribution of software products for storage, management and archiving of data. PoINT's 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.

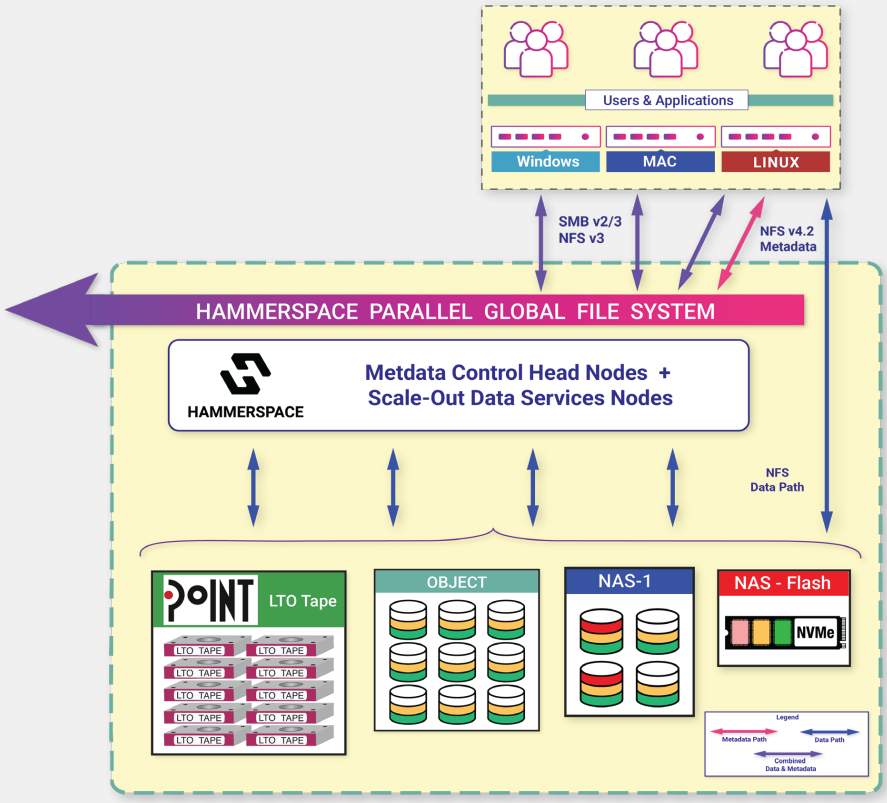
About Hammerspace

Hammerspace is a powerful scale-out software solution designed to automate unstructured data orchestration and global file access across storage from any vendor at the edge, in data centers, and the cloud. Hammerspace makes data a global resource, so IT staff can automate data orchestration by policy, but without interrupting user access. It enables organizations to extend the life of existing storage resources to reduce costs, while alsoenabling the flexibility of hybrid-cloud and multi-site use cases seamlessly.

Use Cases

- Research
- Life Science
- M&E
- HPC
- Diagnostics
- AI/ML
- Finance
- Automotive

Workflow



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