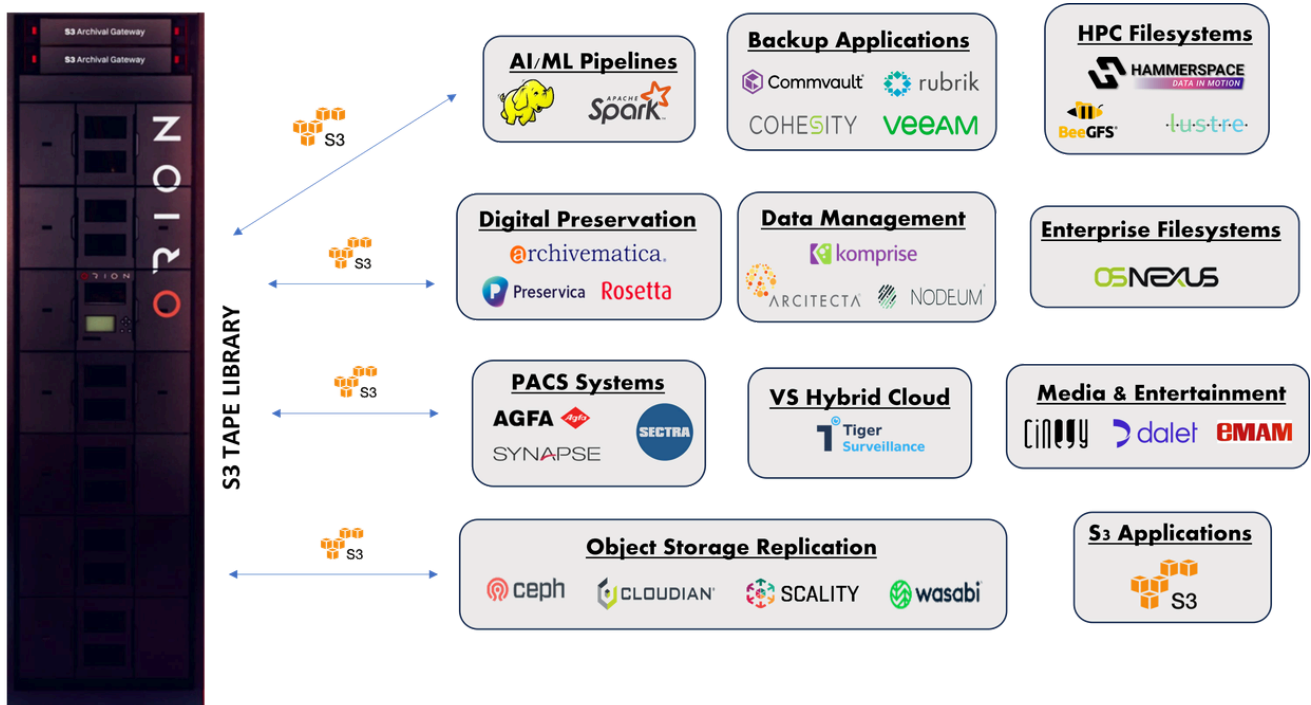


S3 TAPE LIBRARY

The S3 Tape Library is a high-performance, tape-based object storage designed to meet the escalating demands of data-intensive environments such as hyperscale computing, AI research, and long-term archiving. LT ZERO's integrated solution combines LT ZERO tape library with Grau Data's XtremStore software to deliver a scalable, high-performance, and cost effective storage platform tailored for modern data archiving needs.

Grau Data's XtremStore software serves as the S3-compatible object storage interface for LT Zero's tape library, transforming it into a cloud-native, scalable tape-based archive solution. Designed for modern data workloads, XtremStore enables seamless integration of multiple tape library systems into a unified, high-capacity archive environment with native S3 access.

This bundled solution — combining the LT ZERO tape library with Grau Data XtremStore — is delivered as a turnkey appliance, including the tape library, server and software. All service, support, and maintenance are provided by LT ZERO. With XtremStore in place, the LT ZERO tape library becomes a fully S3-compatible tape appliance that supports cloud-native workloads, long-term data archiving, regulatory compliance, and cost-effective storage at scale. Additionally, it offers immutability features that ensure data integrity and protection against ransomware and accidental deletion, making it an ideal choice for secure, reliable storage in a modern IT landscape.



S3 TAPE LIBRARY

USE CASES

- Migration from Expensive Cloud Storage
- Global File Systems
- Backup Applications
- Scientific Research & Media Repositories
- Ransomware Protection
- Regulatory Compliance and Legal Hold
- Data Preservation for Digital Assets

KEY FEATURES OF S3 TAPE LIBRARY

Intuitive WebGUI and CLI

Ensure a smooth user experience, even for those unfamiliar with tape management

Data Protection

Air Gap protection provides additional security against ransomware.

Multi-site Replication

Asynchronous replication to a second XtremStore.

Data Rest API for third-party applications

REST API enables third-party integration for extended metadata access.

Performance

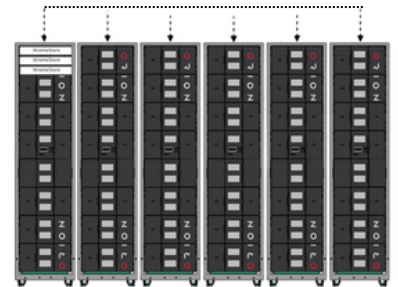
A policy-based disk cache using internal disks or a SAN enables tunable read/write performance to optimize tape performance.

Data Compliance

Categorization and data segmentation based on users or business units.

BENEFITS

- Data sovereignty through local storage, cloud-native interface via S3 API.
- Extremely low cost per TB, sustainability through low energy usage.
- WORM capabilities, air-gapped security, retention enforcement
- Automatic geo-replication



Scalability

Delivers extreme scalability with its embedded NoSQL architecture, supporting billions of objects without performance loss. It enables both vertical and horizontal scaling, making it ideal for exabyte-scale storage demands. The S3's scalability of up to 138PB, up to 8 libraries, and up to 189 drives works with XtremStore, further enhancing its capability to handle massive data growth

Multi-Tape Copy & Library

Create up to four tape copies per tape library and manage one or more tape libraries.

Metadata-driven archiving

An advanced metadata-driven feature allows users to efficiently optimize storage.

What's Next?

Interested in knowing how S3 Tape Library can solve your data management challenges. Visit us at www.ltzero.com for more information and sign up for a risk-free trial!

ABOUT  In Collaboration with 

LT ZERO is a leading provider of comprehensive data management solutions, specializing in data backup, archival, and restoration solutions. Leveraging on cutting-edge technology and strategic collaboration with BDT, a leader in manufacturing of Tape Libraries, LT ZERO ensures robust and reliable data protection for businesses of all sizes.

For more information, please visit www.ltzero.com