

Solution Brief

SnapLock Compliance Software

Key Features

Fast WORM Storage

High-performance, nonrewritable, nonerasable disk storage (SSD or HDD) helps protect data until a specified retention date.

Open Solution Using Standard Protocols

The solution leverages industry-standard SMB/CIFS and NFS protocols to support easy data access and application integration.

Rich Data Protection

NetApp® SnapLock® software supports disk-to-disk backup and replication of SnapLock volumes, as well as NDMP to tape.

Storage-Efficient Technology

The solution is designed to reduce the space required by archives and archive backups by 50% or more.

Advanced Functionality

Advanced features include Legal Hold, Event-Based Retention, and Volume Append Mode (VAM).

The Challenge

Complying with strict records retention and performance requirements

Records-retention regulations are becoming more strict. These regulations require organizations to archive e-mails, documents, patient records, design files, and other data for years—and to prove that the data hasn't been changed or deleted.

Records or e-discovery requests often require immediate access to archived data. Failure to quickly retrieve required records can result in financial liability or damage to a reputation. However, traditional optical disk, tape, and content-addressable write once, read many (WORM) storage fail to provide easy and rapid access to data.

The Solution

NetApp SnapLock

NetApp SnapLock software delivers high-performance disk-based data permanence for HDD and SSD deployments. Part of our proven NetApp ONTAP® storage software, SnapLock helps provide data integrity and retention, enabling electronic records to be both unalterable and rapidly accessible. SnapLock integrates with top archive and enterprise content management (ECM) applications and offers two retention features:

- **SnapLock Compliance.** This software feature is certified to meet strict records-retention requirements, such as SEC Rule 17a-4, FINRA, HIPAA, and CFTC—as well as national requirements for the German-speaking countries (DACH) and GDPR, which require the use of nonerasable storage. Only an act of willful destruction, such as physically removing disks from a NetApp system, can result in record deletion before the specified expiration date.
- **SnapLock Enterprise.** This feature offers protection similar to that of SnapLock Compliance but allows a trusted administrator to delete SnapLock Enterprise volumes or files. This action is the logical equivalent of physically destroying an optical platter.

SnapLock includes the ability to address an expanded set of retention requirements, including Legal Hold, Event-Based Retention, and Volume Append Mode. VAM allows customers to incrementally append files while locked for use cases such as video and audio surveillance and logging.

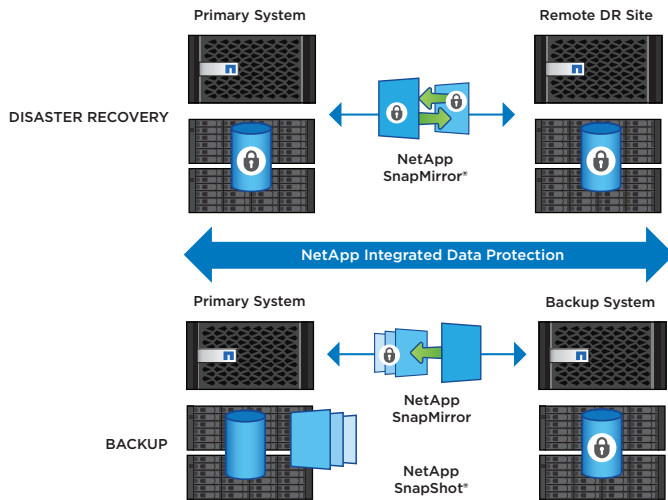


Figure 1) NetApp SnapLock supports flexible data protection techniques.

Integrated Data Protection for Your Archives

NetApp systems provide integrated data protection for disaster recovery, disk-to-disk backup, and security features:

- NetApp Snapshot™ technology makes instant, local data copies and supports hot backup of complex archive and ECM repositories.
- NetApp SnapMirror® software automatically replicates SnapLock volumes off site for retention, disaster recovery, and efficient disk-to-disk backups of SnapLock data.
- NetApp MetroCluster™ offers synchronous replication of data volumes that are locked with SnapLock Enterprise.
- NetApp FAS and All Flash FAS systems support advanced data security features, including authentication, access controls, encryption, and auditing logs.

Maximize IT Efficiency and Flexibility

NetApp SnapLock supports industry-standard NFS and SMB/CIFS protocols for easy data access and application integration; no proprietary API is needed. NetApp unified storage supports different storage tiers, connections, and data types with a single

architecture, making it easier to consolidate archive applications. We combine data retention with high performance and innovative storage efficiency technologies, including deduplication and compression. These benefits can simplify archive management while reducing the amount of storage required.

NetApp unified storage integrates data protection, permanence, security, storage efficiency, and rapid access to help make your archive operations more flexible, more reliable, and more efficient.

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

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