NEXSAN

UNITY
ACTIVE
ARCHIVE

When your data is too important to lose and too critical to be tampered with.

Unity Active Archive

Nexsan Unity Active Archive is a secure archive storage system designed to work with Unity Hyper-Unified storage for the nearline long-term retention of unstructured data. As a compliant archive, Unity Active Archive provides a comprehensive data protection feature-set which ensures the availability and integrity of all files.

Unity Active Archive is ideal for any organization that needs to implement long-term archiving, regulatory and corporate compliance or add protection against data loss that could come from ransomware attacks, silent data corruption, or human error. Unity Active Archive is an extension to Unity so users won't change how they access data and it will still be easily available.

Security and Compliance in the Modern Enterprise

Nexsan's Unity with Unity Active Archive delivers groundbreaking patented technology to protect your organization's data while still meeting the user's increasing demands for easy data access so they can work anywhere, anytime and from any device. Too often employees neglect the corporate policies and use public cloud services or email to share sensitive or regulatory information, putting the company at risk.

Nexsan Unity addresses these critical needs to provide secure, private, and compliant mobile access for users working remotely via their smartphones, tablets, desktops, or secure private web browser, without the need for a VPN.

REGULATORY AND CORPORATE COMPLIANCE

Unity Active Archive makes it easy for organizations to adhere to internal guidelines or governmental regulations by exceeding requirements for data integrity, protection, privacy, security, longevity and availability with full audit trails.

Unity Active Archive is proven to comply with governmental regulatory requirements including HIPAA, GLBA, Sarbanes-Oxley, Federal Rules of Civil Procedure (FRCP), SEC 17A-4, Chain of Custody and PCI DSS.

POLICY-BASED ARCHIVING

Unity Active Archive enables IT administrators to centrally manage and enforce policies for each type of unstructured data in your organization. Once the policies are set, Unity Active Archive manages and protects your unstructured data with its fully-automated processes for archiving, data integrity protection, multi-site replication and primary storage offload. Just set it and forget it.

PROTECT AGAINST ATTACKS

Unity Active Archive's built-in resistance to file tampering or destruction gives you real-world protection against ransomware attacks. Your anti-malware products are not infallible so you need a second line of defense. Active Archive provides protection against unauthorized or accidental changes or deletions of your files by people, viruses or ransomware. If ransomware or other attacks do get past your defenses, files that have been protected in Unity Active Archive will be protected and will remain safely untouched. High speed restore of file shortcuts allows recovery to a point prior to the ransomware attack, and takes only minutes.

## UNITY ACTIVE ARCHIVE FEATURES

FILE INTEGRITY

- **Fingerprints** – Each time a file is saved, a unique fingerprint is generated using a combination of two cryptographic hashes on the contents and metadata, so history and contents cannot be altered after the fact (WORM storage)

- **Serial Numbers** – Each file is assigned a globally unique consecutive serial number which is used to ensure no files are missing or inappropriately added

- **Secure Time** – Tampering with the system time clock is prevented by using a global, redundant, secure time source

- **Two Copies** – Each file and its fingerprint are stored twice in the Unity Active Archive. The second copy is either stored in a separate RAID disk set in the same Unity Active Archive or on a remote Unity Active Archive

- **Data Verification** – Files are continually verified against their fingerprints, repaired using their copies and safeguarded by RAID disk arrays for days or decades

- **Encryption** – Files are protected in flight and at rest

SCALABILITY AND HIGH AVAILABILITY

- **Remote Replication** – Two active Unity Active Archive systems can continuously replicate to each other to protect against a site failure

- **Failover/failback** – Native active/active replication protects against site disasters with automatic read failover and manual write failover

- **Performance & Capacity** – Scale capacity up to multiple petabytes and add performance by using multiple Unity Active Archive storage systems together

UNITY: UNIFIED STORAGE *PLUS* ACTIVE ARCHIVE

- Unity Hyper-Unified Storage - your enterprise storage *plus* Sync & Share, Mobile Access, Multi-site Sync to meet user requirements to work anywhere, anytime on any device

- Policy-based archiving with Unity Active Archive

- Meets regulatory and corporate compliance requirements

- Traditional backup of Active Archive protected data is supported but unnecessary due to redundant, replicated, and independent data stores

- All files are accessible to end users

- Protection with cost savings
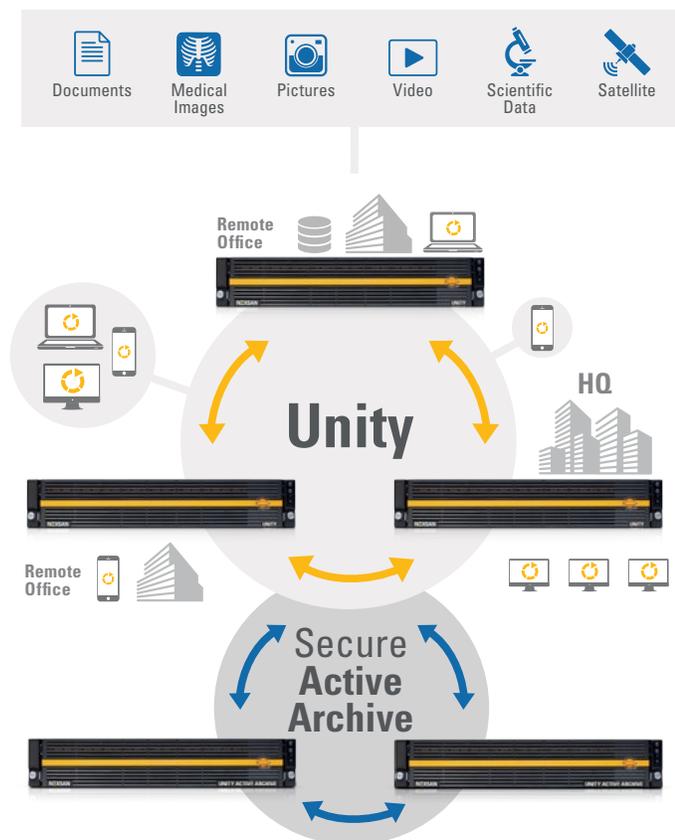
ABOUT NEXSAN

Nexsan™ is a global leader in unified storage solutions that are focused on seamlessly and securely enabling a connected workforce. Its broad solution portfolio empowers enterprises to securely manage, protect and utilize valuable business data – while allowing users to sync, share and access files from any device, anywhere, anytime. www.nexsan.com.

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