NEXSAN
A StorCentric Company

UNITY
ASSUREON
ARCHIVE

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

Unity Assureon Archive

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

Unity Assureon 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 Assureon Archive is an extension to Unity so users won't change how they access data and it will still be easily available.

REGULATORY AND CORPORATE COMPLIANCE

Unity Assureon 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 Assureon 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 Assureon 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 Assureon 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 Assureon 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. Assureon 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 Assureon 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 ASSUREON 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 Assureon Archive. The second copy is either stored in a separate RAID disk set in the same Unity Assureon Archive or on a remote Unity Assureon 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 Assureon Archive systems can continuously replicate to each other to protect against a site failure

- **Failover/failback** – Native Assureon/Assureon 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 Assureon Archive storage systems together

UNITY: UNIFIED STORAGE *PLUS* ASSUREON ARCHIVE

- Unity Unified Storage - hybrid or all-flash configurations
- Policy-based archiving with Unity Assureon Archive
- Meets regulatory and corporate compliance requirements
- Traditional backup of Assureon 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
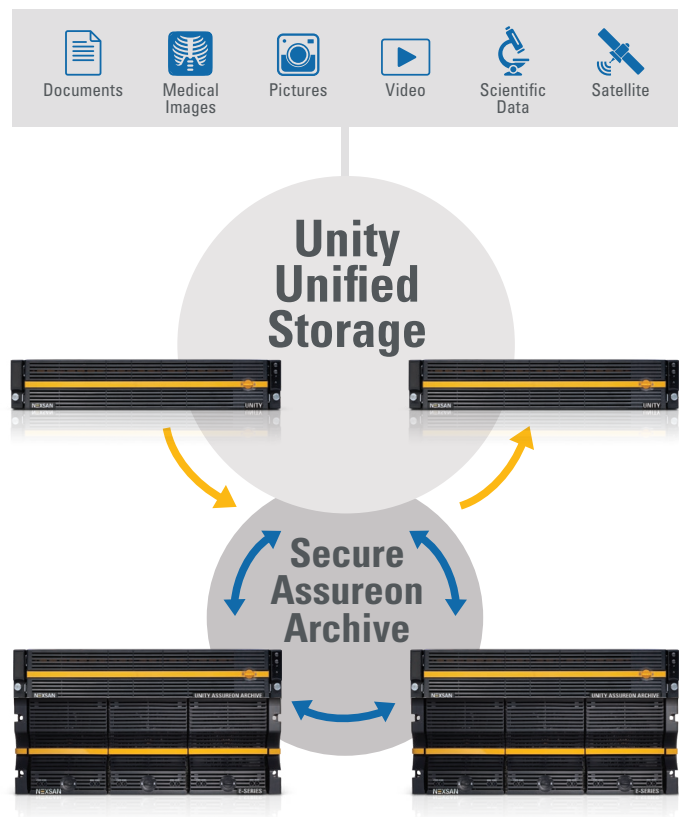
ABOUT NEXSAN

Nexsan® is a global enterprise storage leader since 1999 delivering the most reliable, cost-effective and highly efficient storage solutions. Nexsan's solution portfolio empowers enterprises to securely store, protect and manage valuable business data with a broad product line of all-flash NVMe, unified storage, block storage, and secure archiving. Nexsan is a proud member of the StorCentric Family. www.nexsan.com