



Assureon NX™

Easy Archive Appliance

WHAT IS ASSUREON NX?

Assureon NX is an intelligent disk-based archive appliance for the long-term storage of business-critical information. This plug-and play appliance provides 3.75 TB of usable archive capacity ideally suited to interface with e-mail archiving, medical imaging and records management, document management, litigation support and other software applications.

SIMPLE AND INTELLIGENT ARCHIVING

Assureon NX provides the benefits of our industry-leading Assureon Intelligent Archive solution—with the price and size that's just right for your business. With Assureon NX, organizations can now benefit from our award-winning Assureon technology in a compact and easy-to-implement rackable appliance.

Designed to provide exceptional archiving and retrieval capabilities for smaller enterprises, branch offices and departmental groups, Assureon NX delivers smart, fast, and affordable online access to all your fixed content information—enabling you to simplify and automate your archival processes including e-mail, electronic discovery, medical records and imaging, and streamlined backup and recovery.

POWERFUL CAS TECHNOLOGY

Assureon NX uses the power of CAS (Content Addressable Storage) to simplify management and reduce the cost of storing important digital assets. CAS technology produces a unique file identifier for all objects, based on their content. Assureon's 2nd generation CAS model stores files, images, recordings, web pages, etc, as objects with a secure and unique universal identifier. This approach differs from traditional file system models, where an application or user names the file and then places it in a hierarchical file system. Assureon's CAS technology frees users from the significant lack of scalability and high management costs of traditional file system models.



ASSUREON NX

KEY FUNCTIONS

- Simple NAS interface enables easy integration with applications
- Built-in Lifecycle Management functions
- Fully automatic file integrity checking with auto-healing
- De-Duplication: No need to unnecessarily save identical files multiple times. Single Instance Store results in less storage needed, reduced network bandwidth and less overall costs.
- Authentication and Integrity: Assureon technology verifies and reports that all assets and asset metadata has not been tampered with or corrupted.
- WORM Disk functionality: Assureon provides non-erasable, non-rewritable functionality.
- RAID 6 data protection: Prevents risk of data loss, even if 2 drives fail
- Fast Access Speed: Assureon enables immediate online access to reference data as opposed to traditional offline storage.
- Remote Replication: Assureon NX supports remote replication of assets across the WAN and can be configured to keep duplicate files at a remote site.

ASSUREON NX INCLUDES

- All disk storage hardware,
- Full RAID 6 protection – lose 2 disk drives without loss of integrity
- AutoMAID™ power saving functionality
- Powerful processor running Assureon software
- Interfaces:
 - LAN to applications/ file servers
 - Power (110/240VAC)

Information subject to change at any time.
Visit www.nexsan.com for the most current version.



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NX FEATURES

- Disk-based archive - fast on-line data access and retrieval
- WORM disk - prevents overwriting
- Immutability – rules engine binds metadata to files
- Single Instance Storage – Content Addressable Storage (CAS), including de-duping functions
- Secure CAS with multiple hashing algorithms – MD5 + SHA-1 + file length
- File integrity checking using CAS tag check
- Serialization of objects enables checks for missing files and preserves archive integrity
- Authentication – uses digital fingerprint technology to prove records have not been tampered with
- Read and write audit via access logs
- Read and write access controls
- Supports remote replication of assets across the WAN and can be configured to keep duplicate files at a remote site
- Best in class performance
- Delivered as a plug-and-play system - takes 5 U of rack space or can be standalone.