



“Coolspirit..... a great supplier to choose for your Nexsan Highly efficient Storage!”

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NEXSAN
A DIFFERENT KIND OF STORAGE EXPERIENCE™

ASSUREON® SECURE DISK ARCHIVE

There is some data that is just too important to lose, too private to be seen, and too critical to be tampered with.

A SAFE DEPOSIT BOX FOR THE DIGITAL AGE

Most storage systems provide you “hope” —hope about your data privacy, integrity and longevity. But there is some data that demands guarantees.

Can you GUARANTEE a file...

- has not been tampered with?
- is safe from prying eyes?
- is not corrupted over time?

Enterprise storage provides some protection with RAID and replication but it cannot guarantee the privacy, integrity or longevity of your data. Files can still be secretly read, modified, stolen, deleted and corrupted.

What you need is a storage system that is as secure and private as a safe deposit box and as easy to access as your wallet. Nexsan's Assureon online disk storage archive provides the privacy, integrity and longevity of a digital safe deposit box with the high speed access of disk drive technology.

ASSUREON ASSURES PRIVACY

A digital safe deposit box is the ultimate in data privacy. Like a bank, Assureon creates virtual safe deposit boxes (virtual archives) within its secure hardware. As your data grows, Assureon scales additional virtual safe deposit boxes allowing only you or authorized users to access the data.

Data separation

Your critical files are not just virtually separated from the rest of the data in Assureon, they are physically separated. There is no co-mingling of files within the Assureon system. Every user or group is given their own separate safe deposit box within the Assureon vault. Imagine an infinite array of safe deposit boxes within a scalable vault—safe, secure, separate.

Access audit trail

Assureon establishes an unalterable audit trail for the duration of the life of a file. Every time a file is accessed, a record is kept of who accessed it and when.

Assureon even records the date and identity of unauthorized attempts to access your file. If you ever face the risk of stolen, tampered or unauthorized reading of a file, the Assureon audit trail might be the best insurance you've ever had.



MANAGEABLE

- Automated audits of file availability, integrity and access
- Automated file fingerprinting
- Automated 'lights out' management
- Automated file ingestion, retrieval, audits, de-duplication and replication without user intervention

GREEN

- Energy saving AutoMAID reduces energy costs up to 60%
- Speed with green - near instantaneous response from idle state

MORE SECURE

- File fingerprinting
- Self auditing and self healing
- File audit trail
- File availability audit (serialization)
- WORM storage
- Encryption
- Secure file deletion
- File versioning
- Independent date and time stamp
- Redundant architecture
- High availability storage
- High density storage

ASSUREON ASSURES INTEGRITY

A safe deposit box is not just a place to ensure the privacy of valuables, it is a place to ensure the integrity of the assets you deposit.

File fingerprinting

Assureon addresses a growing problem with today's storage solutions - ensuring file integrity. Even if you replicate a file a hundred times over, those copies are only as good as the source. With Assureon, when a file is 'born,' it is assigned its own unique fingerprint that will stay with the file until 'death'. If a single byte ever changes, the fingerprint will change. Revolutionary safeguards have been put into place to ensure that a file will retain its exact fingerprint through its life cycle.

Self-auditing and self-healing

Not only does Assureon audit file access, it audits file integrity. While operating transparently in the background, Assureon continually monitors files for fingerprint discrepancies protecting against tampering, viruses, corruption, accidental or deliberate deletion and theft. If discrepancies are discovered, Assureon notifies you and automatically self-heals the file. The Assureon automated system handles integrity audits so you never have to "cross your fingers" when retrieving an important file. Self-auditing and self-healing ensures the file you store is the file you retrieve regardless of time.

ASSUREON ASSURES LONGEVITY

If a bank told you it was possible for the contents of your safe deposit box to be lost, you would find another bank. The ultimate challenge with data storage is... longevity.

File availability audit

Assureon ensures the availability of your files regardless of time. With its innovative file availability technology, Assureon continually checks to determine if a file is missing. If a file is found to be missing, Assureon notifies you and returns the file to its original state. Secure file management has never been easier with Assureon's automated processes.

MORE MANAGEABLE

- Compliant or flexible retention periods
- Legal holds
- De-duplication
- Active/active replication
- Assureon Client
- Assureon Edge with NFS and CIFS interface
- Archive-as-a-Service

Automated retention and deletion

In a world of regulatory compliance, you need to guarantee the retention and deletion of files. With automated integrity management and file immutability technology, Assureon protects against accidental or unauthorized file deletion and ensures you can retain files and delete files according to established retention periods.

Assureon enforces retention periods with a disposition process when a file has reached the end of its retention period. Assureon knows the exact location and retention period of each file ensuring the right file is deleted at the right time.

You can sleep at night knowing that Assureon's automated process ensures systematic and accurate retention and deletion of files.

ASSUREON, THE SECURE ARCHIVE FOR FIXED CONTENT

Privacy, Integrity, Longevity, there is a no more secure way to handle all your fixed content data. All these features are available in a single, fully integrated, easy to manage solution that is: more green, more scalable, more affordable.

Assureon works for you whether you are a business with a single location or a large global enterprise consolidating data from multiple remote locations. Assureon, a safe deposit box for the digital age.

COMPETITIVE EDGE

Assureon is known for its next generation security measures, but there is much more to Assureon. When you look 'under the hood,' Assureon reveals a full suite of features. Finding the most secure archive available is not enough. You also need a system packaged in a simple, fully integrated solution that offers enterprise class manageability, scalability and energy efficiency... at a price to meet your budget.

This is where you discover how Nexsan is changing the rules of storage - by delivering an enterprise class archive to meet your needs at a price to meet your budget. Along with innovative security features, how does the rest of Assureon stack up?