

Why Nexsan Assureon?

	Feature	Assureon	SAN/DAS/NAS
Privacy	File-by-File Encryption	✓	
	Secure Key Management Service	✓	
	Cloud Services (Secure Data Separation)	✓	
	File Access Logging	✓	Sometimes
Integrity	Secure File Access	✓	✓
	WORM Storage (file immutability)	✓	
	Independent Time Source	✓	
	Digital File Fingerprinting	✓	
	File Integrity Audit	✓	
Longevity	Retention Period Enforcement	✓	Software Only
	File Serialization	✓	
	File Availability Audit	✓	
	Remote Site Replication	✓	
Self-Managing	Self-Diagnosis and Self-Healing Audit	✓	
	Secure File Deletion	✓	
	File De-Duplication	✓	Sometimes
	File Versioning tied to Retention	✓	✓
	Highly Scalable	✓	✓

The Nexsan Assureon is a “trusted” storage solution that’s different from standard SAN and NAS storage. With the Assureon’s unique file fingerprint and integrity audit feature, your digital records have a continuous data protection plan. Purpose built for all historical high-value data that need to be secured long-term.

- 1. File Integrity:** You will know all your files are healthy and retrievable thanks to file fingerprinting with automatic audit and self-healing.
- 2. Security & Privacy:** Keep data secure via AES-256 encryption with integrated key management system (annual key subscription is required).
- 3. File Authenticity:** You will know your high-value electronic records are tamper-proof.
- 4. Storage Optimization:** Offload data to free up space on primary storage while maximizing data protection and reducing backup costs.



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