

# 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 that goes beyond the typical backup process. Purpose built for all historical high-value data that need to be secured long-term.

### 1. Tamper-proof digital records

Benefit - Meet regulatory and legal requirements for file immutability and ensure files are tamper-proof.

### 2. Chain of Custody & Security

Benefit – Access Audit Control provides reporting to all file activity regardless of permissions.

Benefit – Keep data secure via AES-256 encryption with integrated key management system.

### 3. File Integrity Audit

Benefit - All files stay healthy by file fingerprinting with automatic audit and self-healing capabilities.

Benefit - Free up space on primary storage while maximizing data protection and reducing backup costs.

