



Thales CryptoStor[®] Tape

KEY BENEFITS

- > Encrypt tape data, protecting investment in tape infrastructure
- > Safeguard brand and reputation
- > Deploy easily without impacting existing processes
- > Retain access to data with centralized key management

Protect backup tapes without impacting your environment

Tape media is the most common means of archiving enterprise data. While organizations have implemented tighter access controls, these do not protect the tape media itself, especially during transport and storage. All too often, removable media is lost or stolen.

When that happens, unauthorized users can read tape data, analyze confidential information, and even rebuild entire systems without a trace. The resulting damage can be massive. Encryption provides the only fail-safe security mechanism for archived data, but many organizations fear it will require costly changes, lengthen backup times, or make data difficult or impossible to retrieve.

Encryption without disruption

An in-line, high-speed tape encryption appliance, Thales CryptoStor Tape delivers enterprise-class data protection and privacy. It encrypts tape data and provides automated key management with minimal impact to operations. Native tape drive performance remains unchanged.

>> Thales CryptoStor® Tape

Integrates with existing processes

Thales CryptoStor Tape works with your existing backup applications, receiving data from servers and passing encrypted data to tape libraries. It can operate alone or be clustered.

Protect existing tape investment

Thales CryptoStor Tape enables you to easily add encryption.

- > **Supports tape drives and tape and virtual tape libraries** – Enables encryption without changing your environment.
- > **Offloads data compression and encryption** – Compresses and encrypts data before writing to tape, offloading all encryption processing.

Safeguard brand and reputation

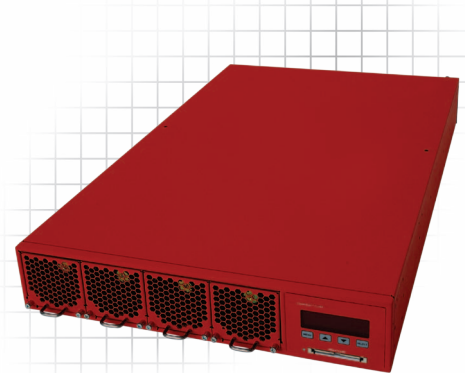
Thales CryptoStor Tape protects sensitive data to meet legal and compliance requirements.

- > **Compliance** – Provides encryption and key management to address PCI DSS and other compliance initiatives.
- > **Strong authentication** – Two-factor authentication to protect management interface.

Integrate quickly and scale easily without impacting existing processes

Thales CryptoStor Tape can be deployed flexibly into different environments.

- > **Backup application transparency** – Supports popular backup applications.
- > **Multiple-appliance clusters** – Scales from a single appliance to a cluster.



- > **Key sharing** – Keys can be shared automatically between appliances.
- > **Flexible key policies** – Keys created for each tape can be stored either in the appliance or on the tape media.

Retain access to data with centralized key management

To ensure that tapes can be restored, Thales CryptoStor Tape manages encryption keys.

- > **Key backup and restoration** – Back up encrypted keys and be prepared to restore if necessary, or add an additional appliance so keys are shared for high availability.
- > **Security policy enforcement** – Controls data encryption and key usage enabling business partners to access data regardless of location, as desired.

Technical Specifications

Models for Fibre Channel:

- > 2- or 4-port models with 1/2 Gbps FC and FCAL

Model for SCSI:

- > 2-port model with LVD SCSI 320

All include:

- > Dynamic AES-128/AES-256 encryption
- > Reliable, high-speed sustained data throughput
- > Dual control and shared responsibility for key recovery
- > Filtered logging, secure audit, and alerting
- > Hot swappable redundant fans and power supplies in 2u chassis, 30 lbs., 19" rack mountable, 100/240 VAC, 50/60 Hz, 460W

For more detailed technical specifications, please visit www.thalesgroup.com/InfoSysSecurity.

Thales
Information Systems Security