SECURITY

The value of data is increasing, but so is the cost of protecting this data.

Data stored online is susceptible to compromise and vulnerable to corruption threats. It can be accidental, such as a natural disaster destroying a data center, a system error corrupting a file, someone errantly erasing a folder or a RAID backing up corrupted data.

Increasingly, data is compromised by more nefarious methods. Viruses can corrupt a file, hackers can steal trade secrets or an employee can sabotage a company's most critical data.

In fact, three out of every four businesses have experienced a data disaster of major business disruptions that exposed them to potential damages. Almost daily we hear of data being compromised that can have serious negative consequences for those entrusted to protect that data.

One bank lost their backup tapes with sensitive data from more than 12 million customers. A software error corrupted records on both the primary and replicated disk for a major email provider. A virus infected a university computer, exposing the personal information of students.

That's where LTO tape can save the day. Tape provides offline protection, isolating the data from software bugs that can occur during continuous disk-to-disk backup.

Ransomware. LTO technology is the only solution that offers a true "air gap". Having a backup completely offline protects your data from both viruses as well as ransomware threats.
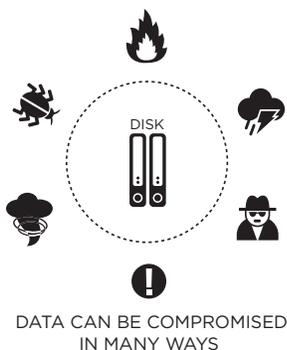
Encryption. LTO technology offers hardware-based data encryption (LTO-4 drives and newer), which provides powerful tape-level algorithm that doesn't affect compression, performance and capacity.

WORM. LTO technology also provides for a write-once, read many option (LTO-3 tapes and newer) that stores data in a non-rewritable format. This further protects data from being errantly overwritten and also helps to address compliance regulations.

Don't let your most important data go unprotected. LTO technology provides some of the best options available to ensure that your data is there when you need it.

Key Facts

- Easily stored offline to protect against on-line corruption

- Easily stored offsite in case of a disaster recovery situation

- Hardware based data encryption for added security

- WORM cartridges to address compliance regulations

DISK

DATA CAN BE COMPROMISED
IN MANY WAYS

LTO TAPE

TAPE STORED OFFSITE
PROVIDES OFFLINE PROTECTION

LEARN MORE AT LTO.ORG