Portability

- » Easily stored off-line to protect against on-line data corruption
- » Easily stored off-site in case of a disaster recovery situation
- » Easy to use and completely removable
- » Transport big amounts of data in a secure and cost effective way
- » Share, distribute or transfer data easily with LTFS

Important data rarely stays put. In fact, data often needs to be accessed from — or stored in — a different location from where the data originated. Thanks to the portability of LTO tape, that's never a problem.

Many archiving situations require that data is stored in a remote location to ensure a more cost-effective and secure environment. This is particularly true for disaster recovery, where backed-up data needs to be kept separate from the original data.

Beyond archiving and backup, there are many other applications where data needs to be transferred from where it's generated to another point. For media and entertainment, this data might be video files that are being sent from production to editing. For large data centers, it might be gigabytes of data that needs to be mirrored in a different location.

What are the options? Traditional disk is far less durable, particularly when sending to and from remote locations. Solid-state drives (SSDs) are expensive – up to 90 cents per gigabyte. And Internet transfer taps resources, exposes your files to security concerns and can just take too long.

That's where LTO-6 technology can help. In fact, for transferring gigabytes of data from one point to another — quickly, dependably and cost-effectively — it's your best bet. Best of all, with the capabilities of the Linear Tape File System (LTFS) and its open format, the tapes you need to send or receive are compatible between multiple vendors. Finding files is as easy as if you were plugging a USB drive into your computer, and the technology works across all platforms and operating systems.

LTO-6 tape is cost effective – it's as little as 1.3 cents/GB, much less expensive than disk and SSD. Cartridges are more durable, with heavy-duty construction, so are much less fragile than disk. They're more secure, with hardware-based encryption options and Write-Once, Read-Many (WORM) options to help further protect data. They're offline, so less susceptible to virus, hackers, system errors or other threats.

For portability, think of LTO-6 technology as "low-cost high bandwidth in a box." It's easy to use, completely removable and easily transportable. With transfer rates approaching 400 MB/sec, overnight shipping of up to 6.25 TB of data can be much less expensive (and faster) than sending via other methods. Transferring an entire data center is as simple as packing up a box full of LTO tapes and shipping them wherever they need to go.

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