ULTRIUM **6** LTO

LTO NewsBytes

Start Your 2014 Planning with LTO Technology

Data is growing at an unprecedented rate. Surveys show that the number one issue impacting today's IT infrastructure is staying on top of ever growing amounts of data. This is stressing the traditional IT infrastructure, creating a need for more scalable and reliable solutions. Data and content managers all over the world are scrambling to handle this onslaught of data amid stretched budgets.

No surprise that we're hearing that one of the most significant concerns is how to better manage all this data. In fact, our surveys indicate that 80 percent of companies expect to increase their tape storage usage in the next three to five years.

Why? Because they depend on the cost-effective, accessible and reliable solution that LTO technology provides. When you couple that with the ease-of-use that LTFS provides, you have a winning combination.

As you're planning for 2014, consider the areas that LTO Technology can address when it comes to your data storage needs:

COST: Tape has the lowest cost of any other storage media and a tape at rest doesn't require any energy. In fact, energy costs are dramatically minimized as a result of using LTO tape over other types of storage. It's simply the most cost-effective way to backup and archive your company's data. Check out this paper on total cost of ownership to learn more.

RELIABILITY: With advanced reliability features, a media shelf-life of up to 30 years and a bit error rate 100 times better than disk, you can count on accessing the data you need when you need it.

DATA PROTECTION: Off-line and off-site protection for disaster recovery. A key best practice is to have system isolated data storage or off-line storage with tape to protect against the threats that can corrupt on-line data.

SECURITY: LTO tape drives use hardware encryption to secure your data at rest and in transit. Cartridges are also available in WORM for compliance needs.

PORTABILITY: LTO tapes are durable and portable, so big amounts of data can be easily, inexpensively and reliably shipped between remote locations. With LTFS, sharing the files on tape is as easy as dragging and dropping a file as you would do on a USB stick.

SCALABILITY: LTO-6 media can store up to 2.5TB of uncompressed data and 6.25TB of compressed data in a single cartridge. Unlimited capacity is simple – just grab another cartridge!

To learn more about how LTO tape with LTFS can help your storage solution needs in the coming year, please visit the LTO website.

Good luck with your planning!

Want to Know More About LTFS?

LTFS is changing the way that storage managers and content providers are looking at tape – and opening the door for applications in a broad range of industries. To learn more, check out the new two-minute LTFS animation introduction video at the LTO program website.

LTO-6 Adoption Outpaces Previous Generation

The LTO Program recently announced that the adoption rate of LTO-6 cartridges is outpacing the rate experienced by LTO-5 technology. The trend is largely attributed to storage managers looking for a safe, reliable and cost-effective storage solution amid the rapidly-growing amount of data and content that is being generated in the digital era.

To learn more about the announcement, check out our press release.

TAPE $AVES
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For more details, check out white papers, articles and other useful information at www.lto.org