



# LTO NewsBytes



## It's Time to Expose Those Tape Fallacies...

Tape has long been a reliable solution for many storage needs, yet many disk-only proponents continue to spread misinformation about tape's true value for organizations. They claim that disk can replace tape for all practical purposes and is cost competitive for storing data where tape is clearly the more appropriate choice for a number of situations.

In reality, organizations should focus on the solution that best fits their needs -- and in most cases a blend of disk and tape provides the right balance of performance, protection, cost efficiency and manageability. Despite this, the misperceptions persist.

### Setting the Record Straight

David Hill of the Mesabi Group helps set the record straight with details in his [white paper](#) entitled "Tape Fallacies Exposed — the Future of Tape is Still Bright."

His take? Tape is here to stay and is not going away. It plays a fundamental role for backup, recovery, compliance, information security, long term data retention and data protection in the IT organizations of a great many enterprises.

According to Hill, tape fallacies basically fall into three categories:

#### Fallacy #1: "Disk can replace tape for all business purposes..."

Reality: the optimal strategy is a blend of disk and tape to address business, performance and data protection objectives.

#### Fallacy #2: "Disk solutions are cost competitive enough so there is no need to keep tape for economic reasons alone..."

Reality: Even if disk and tape were equally priced, tape is still needed for off-line data protection best practices. But, disk and tape are not the same cost, and Hill outlines the differences in more detail.

#### Fallacy #3: "Relative to disk, tape imposes an administrative burden on IT organizations..."

Reality: Today's tape drives and media have proven to be highly reliable and advances in tape automation have dramatically simplified the management of tape storage.

For more detail, check out the white paper on the [LTO Ultrium Web site](#) or watch the accompanying [eSeminar](#), hosted by Ziff Davis Enterprise.



## LTO Technology on the Road

The LTO Program will be exhibitors at these upcoming events:

#### NAB Show

April 10-15  
Las Vegas, NV

*Don't miss a [presentation](#) on LTO Technology on April 13 at 3pm!*

#### Storage Decisions Chicago

June 9-10  
Chicago, IL

## Generation 5 Specifications Now Available

The LTO Program recently released specification details for generation 5, which call for tape cartridge capacities of 3TB and transfer rates up to 280MB per second (2:1 compressed). Also included in the specifications is a new partitioning feature that provides enhanced file control and space management. LTO-5 drives continue to feature backward compatibility, helping to protect investments and ease implementation. To learn more, check out the [press release](#).

## Learn More About Best Practices

View a replay of an eSeminar where you'll hear Debbie Beech of Sylvatica Consulting discuss backup and long-term storage best practices that organizations should be using to balance the evolving roles of disk and tape technologies as part of comprehensive, tiered storage architecture to address these complex needs. The accompanying white paper is also available at the [LTO Ultrium Web site](#).

**Use LTO-5 Technology with  
Tape Drive Encryption,  
Your Smart Bet for Data Protection!**

**For more details, check out white papers, articles and other useful information at [www.ultrium.com](http://www.ultrium.com)**