

IBM Tape: The solution of choice for long term data retention


Increasing the amount of storage in your infrastructure is inevitable to retain the tremendous amount of data amassed on a daily basis. To satisfy the need to protect and preserve that data, securely, for a very long time, tape is a proven technology that can do it with transparency and at the lowest cost.




Cloud agile
Access data anywhere, any place, any time, in any format⁴



High performance
Fastest tape drives, libraries and virtual tape in the market¹



High capacity
Up to 10TB native capacity in a single cartridge




Reliable
99.9999999999% dependability³




Secure
Encryption, WORM, off-line storage



Scalable
Up to 2.25 Exabytes in a single library image



Low TCO
26 times lower than disk alone²



Easy to manage
File system access with automated data tiering⁴



Energy efficient
105 times lower energy usage than disk²



Space efficient
High density, up to 4 times smaller footprint than disk²



1. Data sheet comparisons 2. "Revisiting the Search for Long-Term Storage — A TCO Analysis of Tape and Disk", Clipper Group 3. LTO6 tape bit error rate of 1x10⁻²⁰ (LTO Consortium), calculated to twelve nines of dependability 4. IBM Spectrum Archive (LTFS)