

IBM Tape Storage:

Store Safely and Cost Effectively

Get the cost-effective capacity, security and scalability to help satisfy your data storage requirements in the exabyte era

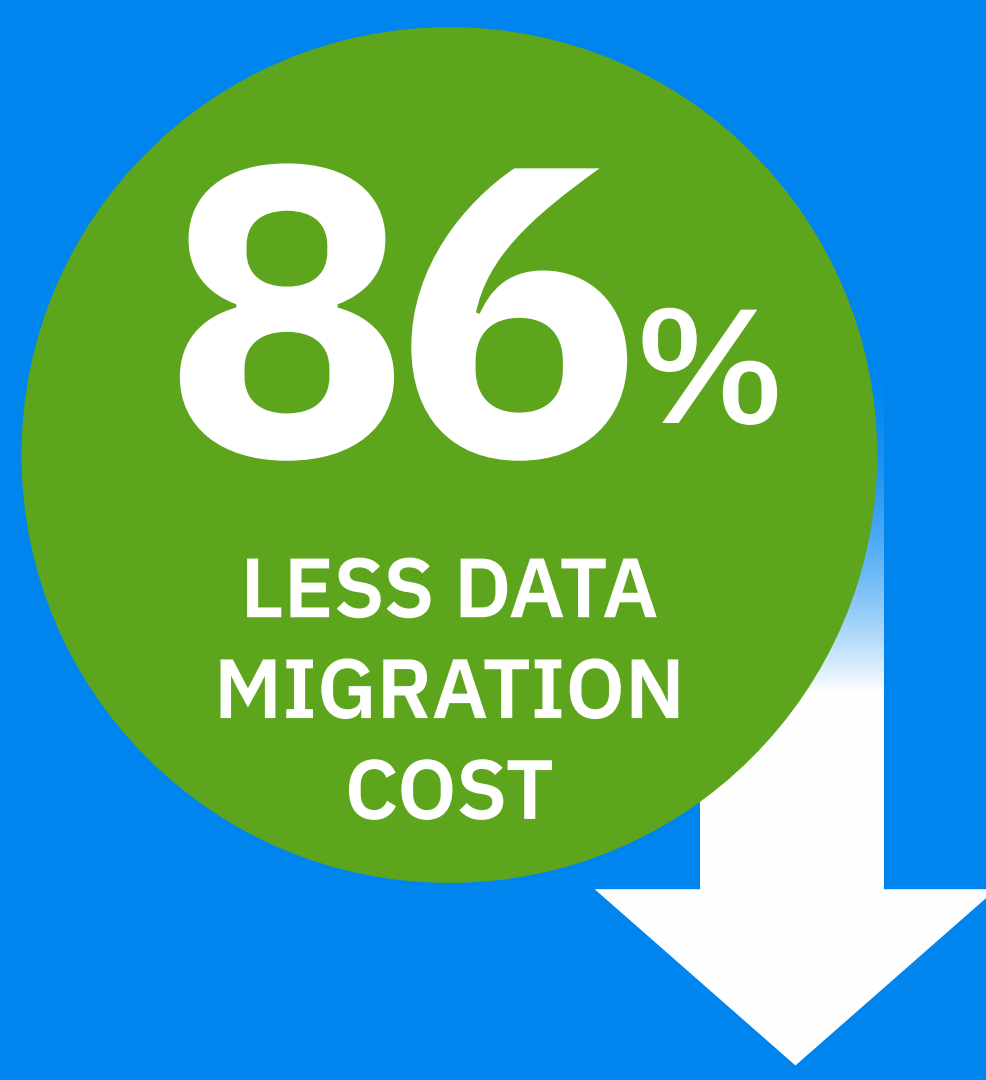
WHY IBM LTO TAPE?

Tape offers a secured and cost-effective data storage option for key IT challenges



COST-EFFECTIVE

- Ten-year expected total cost of ownership
- Budget-friendly with a compelling low storage TCO¹



Helps enable continuous cost reduction over time

Add tape capacity easily using CAPEX and OPEX budget

Energy-efficient tape storage for data at rest

CYBER RESILIENT

Help protect your data

\$150 MILLION

Annual cost lost/stolen records

Supplement cloud storage with a low-cost tape archive for added data protection-just as cloud providers do

Capitalize on multilevel security, featuring encryption for tape drives and files

Protect data and thwart cybercrime with the “tape air gap”- created by using a storage medium that is offline when cartridges reside in library racks

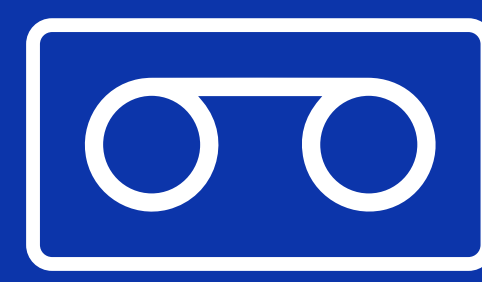
SCALABLE

Deliver hyperscale storage for exabytes for data:

- Take advantage for low-cost storage technology
- Scale to meet the high-capacity demands for the exabyte era
- Gain a stable platform requiring few technology refreshes

RELIABLE

40% CAGR² long-lasting linear magnetic tape with high areal density growth (GB/in)



EASY TO MANAGE

Gain direct, intuitive and graphical access to data stored in IBM tape drives and libraries with Linear Tape File System (LTFS):



IBM Spectrum Archive

- Make tape as easy to use as disk or flash storage (FLAPE)
- Designed for Open system by design
- Maximize software-defined integration of IBM Spectrum Archive, with IBM Spectrum Scale and IBM Spectrum Protect³

Discover the IBM tape storage portfolio and find the right solution for your business needs

[Learn more](#)

¹Source: Quantifying the Economic Benefits of LTO-8 Technology, Alex Arcilla, Enterprise Strategy Group, Economic Validation Summary Report, August 2018

²INSIC Tape Technology Update and Linear Tape-Open (LTO), 2019.

³IBM Tape Library Guide for Open Systems, [IBM Redbook](#), March 2020