Tape: The ideal Daimler backup solution

Scalable, durable, secure, and energy-efficient tape storage at a compellingly lower cost than other media.

Air-gap secure

To ensure data is safe, tape supports encryption and WORM, and also provides air-gap protection against malicious attacks.

Lower costs

Tape offers significant cost savings over flash and disc with per-gigabyte costs declining as the volume of storage data grows, freeing up limited budgets to spend on other IT priorities.
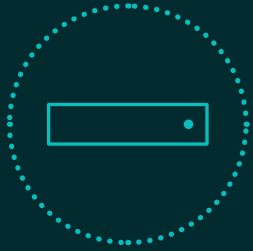
Scale easily

Tape can easily and inexpensively scale to support data growth. Tape cartriges add capacity quickly using only an operating expense budget.

Relax; it's durable

Tape technology has a much longer refresh cycle than other storage media. Cartridges have an up to 30 year lifespan.

Ease of use

With IBM Spectrum suite of software, tape is as easy to use as disc storage, with open industry standard Linear Tape File System providing stability, choice and versatility.

Go green

Tape is also a green technology that reduces heating, cooling and power consumption.

The hardware and software

TS1160 Tape Drive

The new TS1160 drives deliver twice the capacity and more throughput than previous IBM tape drives (up to 400 mbps native, 900 Mbps compressed). They include dual-port 16 Gb Fibre Channel interfaces, and the new drives are supported in the IBM TS4500 tape library.

TS4500 Tape Library

The next-generation IBM TS4500 tape library achieves both a low per-terabyte cost and high density, with up to 8.76 PB of data in a single 10-square-foot library using LTO Ultrium 8 cartridges or 11 PB with IBM 3592 cartridges.
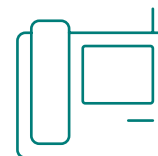
IBM Spectrum Protect

IBM Spectrum Protect is a future-ready scalable data protection solution that supports cloud-native, microservices-based VMWare workloads in a multicloud environment orchestrated by Kubernetes.

Spectrum Protect Plus

IBM Spectrum Protect Plus is a modern data protection solution that provides near-instant recovery, replication, retention, and reuse for VMs, databases, and containers in hybrid multicloud environments. Ideal for backing-up and restoring workloads from VMware, containers, MS HyperV, MS File System and cloud.

We've got your back: Let's talk

To learn more about tape storage solutions, please contact **Ralf Colbus** at **colbus@de.ibm.com** and visit **ibm.com/daimler-data-centre**