

Virtual Tape Library (VTL) 600 Series Appliances

MANAGE EXPLOSIVE DATA GROWTH WHILE REDUCING THE COST OF LOCAL STORAGE, OPERATIONS, AND DISASTER RECOVERY

The FalconStor® Virtual Tape Library (VTL) 600 Series is a family of preconfigured turnkey deduplication appliances that offers fast, reliable local backup and restore for enterprises, along with remote disaster recovery (DR) protection, providing data assurance, seamless tape integration, and simplified management. FalconStor VTL 600 Series appliances enhance legacy tape backup with disk-based backup and integrated data deduplication, reducing capacity requirements, minimizing operational costs, and allowing enterprises to retain more data online, longer. With features such as WAN-optimized replication and physical tape support, this solution helps enterprises meet stringent service-level agreements (SLA) while providing data growth management, business continuity, and cost containment.



Highlights

Deduplication

- Integrated deduplication and compression maximize ROI
- Up to 95% data reduction
- Minimizes costs: power, cooling, floor space, IT resources
- Extends local disk retention for fast data recovery

WAN-optimized replication

- Reduces network requirements by 90% or more
- Eliminates tape transport
- Enables tape consolidation at DR site
- FC support for high-performance DR

256-bit AES encryption

- Secures data in flight
- Enhances corporate security through tape encryption and shredding

22TB to 68TB usable capacity

- Protects up to 1.36 PB of original data (based on a 20:1 deduplication ratio)
- RAID protection with integrity checks assures data access
- All-inclusive capacity-based pricing

8Gb FC and 1/10GbE iSCSI

- Accelerates data protection operations, reducing the backup window
- Boosts recovery performance

Best-of-breed tape management

- Bridges disk and tape for physical tape creation
- Policy-based to meet retention and long-term archive requirements

Emulates over 50 tape libraries and 30 tape drive formats

- Seamless integration, no backup or process changes
- Dynamic resource allocation: 128 virtual libraries, 1,024 virtual drives, 65,536 virtual tapes

Mixed environments

- Enhances deduplication efficiency
- Open systems (Microsoft Windows, UNIX, Linux, NetWare, Mac)
- IBM System i (iSeries), NDMP, mainframe

Symantec OpenStorage (OST) integration

- Transparent data replication
- Copy-to-tape
- Catalog consistency

