FalconStor®
Defining Data Protection, Again.™

Virtual Tape Library (VTL)

HIGH-PERFORMANCE BACKUP AND RESTORE WITH DEDUPLICATION

The market-leading FalconStor® Virtual Tape Library (VTL) with deduplication optimizes backup operations through a combination of technologies that enable global deduplication, data assurance, and business continuity while containing costs. With integrated WAN-optimized replication and physical tape support, FalconStor VTL provides seamless, non-disruptive integration with enterprise tape infrastructures, managing explosive data growth through a scalable, multi-node, highly available (HA) global deduplication architecture.

FalconStor VTL v7.5 extends the functionality of FalconStor VTL by providing a more user-centric design, improved scalability and performance, and metadata compression and encryption for efficiency and security. Our vision is to provide flexible deduplication for all of your data, ensuring that your IT assets are optimized, available, and secure.

Optimized.

All Your Data.

Available.

Secure.

Optimized	
Policy-based deduplication including new inline deduplication capabilities	FalconStor provides several available deduplication methods, allowing users to select the deduplication options that best align resources to business requirements: • **Inline deduplication** minimizes storage requirements, reducing them by as much as 40%, and enables fast replication • **Post-process deduplication** helps meet tight backup windows • **Concurrent deduplication** makes the best use of CPU resources, especially in clustered environments • **No deduplication** enables users to selectively turn off deduplication for data that does not deduplicate effectively or is being exported to physical tape
Enhanced Symantec OpenStorage (OST) support	Symantec OST support is enhanced with optimized APIs and the capability to support up to 250,000 images. Additional enhancements to FalconStor VTL include: • Improved scalability and performance with multiple OST clients • Catalog consistency when moving or exporting data • Support for 'single point' management • Ability to synchronize multiple drive requests These features enable more efficient storage utilization.

Learn more about FalconStor VTL

www.falconstor.com/vtl

Available	
Simplified scalability	FalconStor VTL v7.5 offers simplified node expansion for its FalconStor® Single Instance Repository (SIR) deduplication engine. This makes it easier than ever to expand the solution as your needs change and your data grows.
Flexible deduplication engine storage expansion	Enables you to easily manage data growth with cost-effective incremental storage expansion and minimal production downtime.
Improved replication performance	FalconStor VTL v7.5 boosts IP replication performance by offering a new optimized multithreaded architecture for increased scalability and resilience. Metadata compression minimizes replication bandwidth and processing time requirements.
Secure	
Replication encryption enhancements	FalconStor VTL v7.5 maximizes safety and compliance by encrypting all transmitted data, including metadata. This provides increased peace-of-mind that your data is safe.
Federal Information Processing Standards (FIPS)	FalconStor VTL v7.5 supports FIPS compliance.

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Download a free trial of the FalconStor VTL Virtual Appliance

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