

Virtual Tape Library (VTL) Virtual Appliance

HIGH-SPEED BACKUP AND RESTORE WITH DEDUPLICATION FOR VMWARE ENVIRONMENTS

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the FalconStor® Virtual Tape Library (VTL) Virtual Appliance: a pre-configured, production-ready virtual machine that brings the market-leading VTL technology with integrated data deduplication to VMware infrastructures. The FalconStor VTL Virtual Appliance offers backup optimization, global deduplication, WAN-optimized replication, and tape-format awareness in one solution, without requiring changes to the existing environment. Its built in data deduplication functionality automatically and transparently eliminates redundant backup data, reducing backup cost and complexity and maximizing your return on investment (ROI) in virtualization technologies.



Highlights

High-performance backup/restore

- Protects up to 100TB¹ of original data using less than 5TB² of space
- Multi-streaming, multi-session backup
- All-inclusive capacity-based pricing
- No impact on backup windows

Deduplication

- Minimizes costs: power, cooling, floor space, IT resources
- Up to 95% data reduction
- Extends local disk retention for fast data recovery
- Flexible policies: Inline, post-process, concurrent, or no deduplication

WAN-optimized replication

- Reduces network requirements by 90% or more
- Supports one-to-one & many-to-one replication for disaster recovery (DR)
- Eliminates tape transport
- Enables tape consolidation at DR site

1/10 GbE iSCSI

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

256-bit AES encryption

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

Mixed environments

- Enhances deduplication efficiency
- Open systems (Microsoft Windows, UNIX, Linux, NetWare)

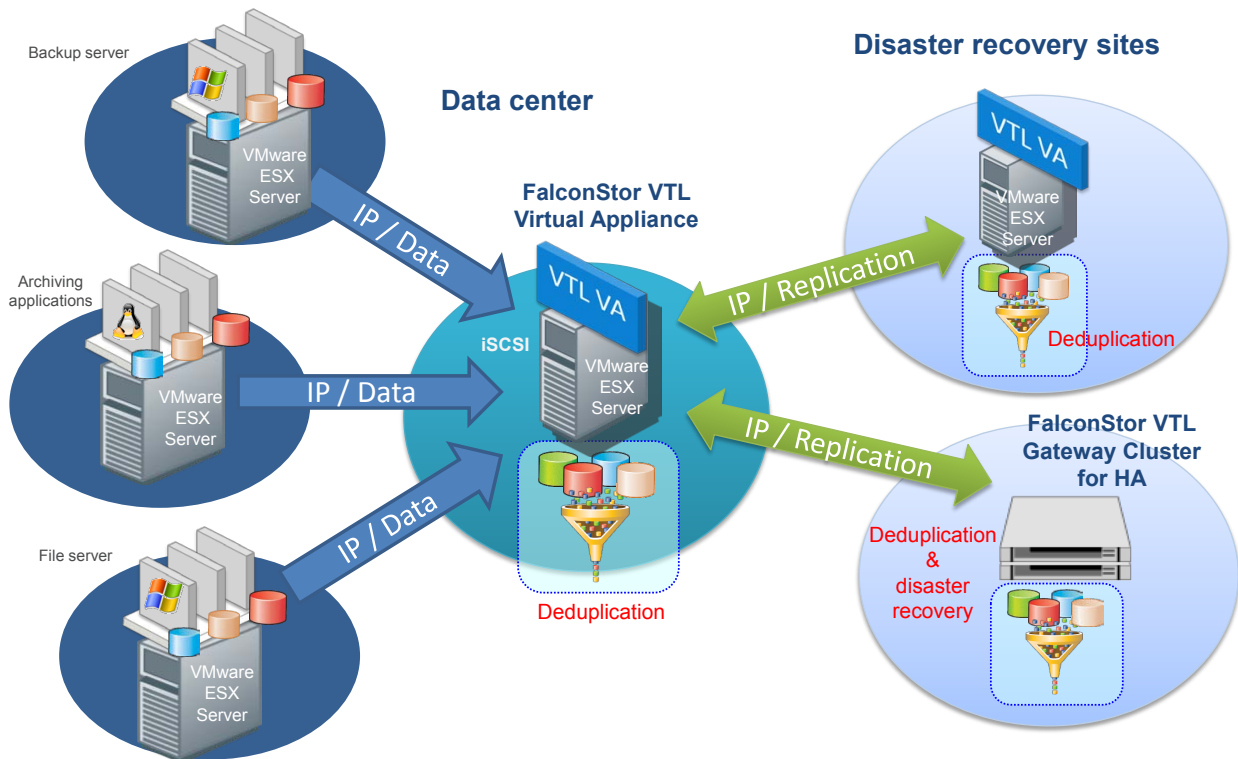


Specifications: FalconStor VTL Virtual Appliance

VTLVA

Characteristics	
Form factor	Virtual appliance
Appliance type	OVF
Host connections supported	iSCSI
VMware systems supported	VMware vSphere 4
Repository capacity: usable	Up to 5TB ² (Requires at least one repository capacity license; supports up to 5 capacity licenses.)
Logical storage capacity	Up to 100TB ¹
Minimum memory requirement	8GB
Host Connections	
iSCSI - 1Gb/s	1 virtual NIC
iSCSI - 10Gb/s	Optional
Advanced Features	
Maximum # of virtual libraries/drives/cartridges	4/16/1,024
Deduplication	Included
WAN-optimized replication w/ encryption & compression	Included

FalconStor VTL Virtual Appliance provides backup optimization & deduplication across VMware environments



¹All capacity and performance numbers are based on a 20:1 deduplication ratio.

²Requires at least one repository capacity license; supports up to 5 capacity licenses.

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