FalconStor®
Defining Data Protection, Again.™

Product Specs
SMB & ROBO

File-interface Deduplication System (FDS) Virtual Appliance

HIGH-PERFORMANCE DATA DEDUPLICATION FOR VMWARE INFRASTRUCTURES

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the FalconStor® File-interface Deduplication System (FDS) Virtual Appliance, a pre-configured, production-ready virtual machine that provides disk-based data protection and integrated global deduplication in virtual environments. It offers VMware environments an easy-to-deploy, easy-to-manage capacity-optimized storage repository to minimize online storage capacity requirements for backup and archiving applications.

WAN-optimized replication technology enables cost-effective disaster recovery (DR) by sending only unique, deduplicated data across the network, significantly reducing bandwidth requirements and costs without impacting the backup window. Capacity requirements for disk-to-disk (D2D) backup applications can be reduced by as much as 20 times or more by eliminating data redundancies resulting from backup operations. With the FalconStor FDS Virtual Appliance, small-to-medium (SMB) and remote/branch office (ROBO) environments can retain more data online, longer, for quicker data restores.

vmware® PARTNER
TECHNOLOGY ALLIANCE

Highlights

Easy to deploy, seamless integration

- Non-disruptive simple NAS share, NFS/CIFS
- Seamless integration with all major backup software, database utilities, archiving applications, data migration and virtual environments (*see certification matrix at* ***www.falconstor.com/matrix***)
- Remote access to central shared global deduplication repository for long-term data retention, fast restore, and service level agreement (SLA) assurance

Eliminates tape at remote sites

- Protects up to 100TB[1] of original data using less than 5TB[2] of space
- All-inclusive capacity-based pricing

High-performance deduplication

- Up to 95% data reduction for capacity optimization
- Flexible post-processing or concurrent block-level deduplication
- Policy management for data exclusion by date, type, or path
- Direct block-level access during read operations; no file system overhead

Supports mixed environments

- Enhances deduplication efficiency
- Single deduplication repository supports any combination of backups, archives, database dumps, virtual environments

Symantec OpenStorage (OST) integration

- NetBackup & Backup Exec support
- Transparent data replication
- Catalog consistency

WAN-optimized replication

- Reduces bandwidth requirements by as much as 90%
- Policy-based replication incorporates folder- and file-level granularity
- Encryption secures data in flight
- Scheduled bandwidth throttling protects shared WAN networks
- Real-time replication performance monitoring

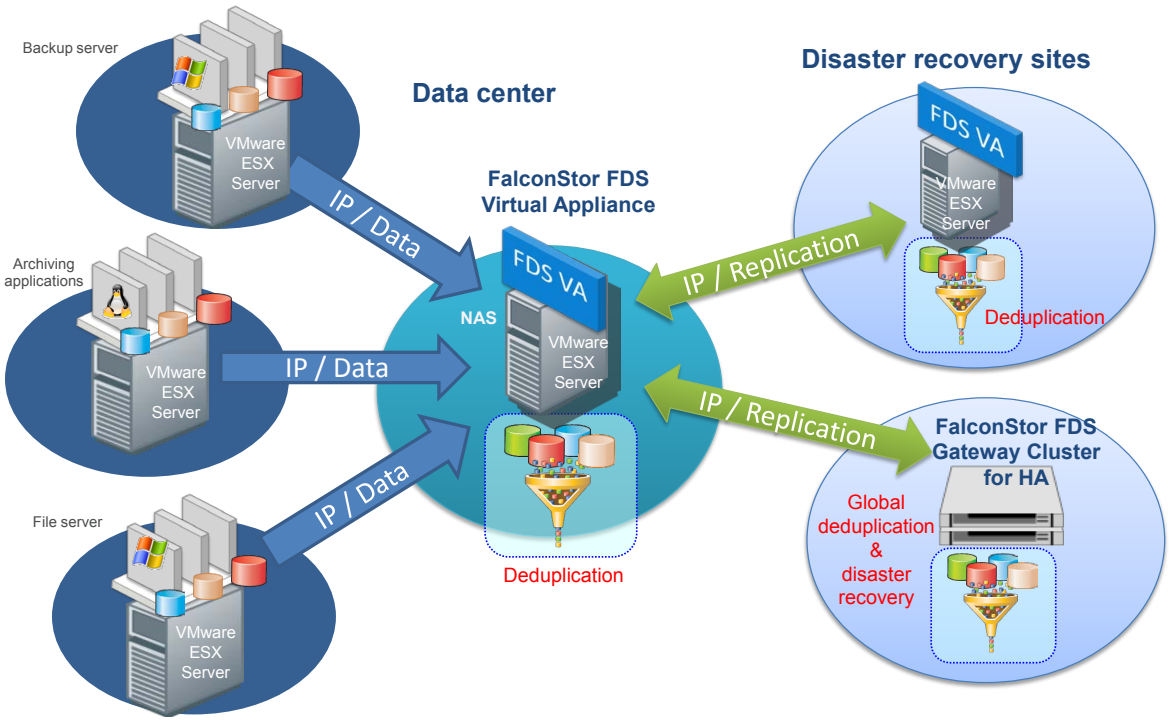
Download a free trial of the FalconStor FDS Virtual Appliance

www.falconstor.com/FDSdownload

Specifications: FalconStor FDS Virtual Appliance

	FDSVA
Characteristics	
Form factor	Virtual appliance
Appliance type	OVF
Host connections supported	NFS, CIFS, Symantec OST
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[1]	Up to 100TB
Minimum memory requirement	10GB
Host Connections	
NFS/CIFS/OST - 1Gb/s	2 virtual NIC
NFS/CIFS/OST - 10Gb/s	Optional
Symantec OST (IP)	Included
Advanced Features	
Deduplication	Included
Hosted backup	Included
WAN-optimized replication w/ encryption & compression	Included

FalconStor FDS Virtual Appliance enables deduplication across the entire VMware infrastructure



[1] *All capacity and performance numbers are based on a 20:1 deduplication ratio.*
[2] *Requires at least one repository capacity license; supports up to 5 capacity licenses.*

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