



## FreeStor VIRTUAL APPLIANCE

### HYPERVERSOR-READY STORAGE VIRTUALIZATION FOR BUSINESS

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the FreeStor Virtual Appliance: A pre-configured, production-ready virtual machine that provides a cost-effective, feature-rich virtual SAN solution for small-to-medium business (SMB) VMware environments. The FreeStor Virtual Appliance enables storage virtualization and provisioning in both physical and virtual server environments, for improved operational efficiency and simplified management.

Advanced features include thin provisioning, high availability (HA) with mirroring, performance tiering, application-consistent snapshots, WAN-optimized replication, and automated disaster recovery (DR). This solution improves the utilization of storage resources to minimize storage overhead while ensuring data availability and business continuity.

#### HIGHLIGHTS

##### ALL-INCLUSIVE FUNCTIONALITY

- Simple, capacity-based pricing
- Capacity size & disk type scales from 1TB

##### HETEROGENEOUS SUPPORT

- Supports iSCSI & Fibre Channel (FC) connectivity to VMware vSphere and hypervisor hosts
- Cinder driver for OpenStack® support

##### THIN PROVISIONING

- Enables efficient management of existing capacity
- Simplifies administration
- Increases utilization of disk capacity
- Reduces capital expenditures (CapEx)

##### WAN-OPTIMIZED REPLICATION VIA MICROSCAN™ TECHNOLOGY

- Reduces bandwidth requirements by up to 95%
- Enables rapid disaster recovery

##### MIRROR VOLUMES, UP TO 1000 SNAPSHOTS\*

- High availability (HA)
- Enables highly granular recovery points
- Data assurance & business continuity

##### AUTOMATED DR VIA RECOVERTRAC™ TOOL

- Automates complex application recovery & DR testing
- Supports physical-to-physical (P2P), physical-to-virtual (P2V), & virtual-to-virtual (V2V) recovery

##### VMWARE SITE RECOVERY MANAGER SUPPORT

- Leverages VMware-based automatic recovery & testing capabilities

##### DATA TIERING

- Populates data on appropriate disk volumes

##### SYNCHRONIZED METRO CLUSTERING

- Does not require an adapter

##### Hypervisor SUPPORT

- VMware ESXi
- Xen
- Hyper-V
- KVM
- Oracle VM

\*Snapshot agents are available for a variety of environments and file systems. Refer to the FalconStor Certification Matrix on our website for currently supported applications and databases.



# PRODUCT SPECS

## FreeStor

### FreeStor VIRTUAL APPLIANCE

CHARACTERISTICS		FSSVA
Form factor		Virtual machine - OVF
Capacity		Requires at least one repository capacity license
CAPABILITIES		
High availability (HA)		Included
Application-aware snapshot agents*		Included
Snapshots (TimeMark®/TimeView®) per LUN		Up to 1000
Application Snapshot Director for VMware		Included
VMware & Hyper-V virtual machine protection & recovery		Included
Microsoft Windows or Linux native multi-pathing support		Included
Recovery agents		Included
Automated DR via RecoverTrac tool		Included
Data journaling		Included
Thin provisioning		Included
Synchronous & asynchronous data mirroring		Included
WAN-optimized replication w/ compression & encryption		Included
SNMP integration		Included
Email alerts		Included
Reporting		Included
HyperTrac™ Backup Accelerator		Optional

Corporate Headquarters  
 United States  
 Tel: +1.631.777.5188  
[salesinfo@falconstor.com](mailto:salesinfo@falconstor.com)

EMEA Headquarters  
 Germany  
 Tel: +49 (0) 89.41615321.10  
[salesemea@falconstor.com](mailto:salesemea@falconstor.com)

APAC Headquarters  
 China  
 Tel: +86.10.6530.9505  
[salesasia@falconstor.com](mailto:salesasia@falconstor.com)

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