

Continuous Data Protector (CDP) Storage Appliances

DISK BACKUP, REPLICATION, AND AUTOMATED RECOVERY

Explosive data growth, server virtualization, and an increased dependence on data availability present challenges for small-to-medium businesses (SMB). In addition, the demand for ongoing services is compounded by shrinking budgets and complexities caused by an increase in remote offices and mobile users. The FalconStor® Continuous Data Protector (CDP) Storage Appliance is an innovative, scalable disk-based backup solution that solves these challenges, enabling local and remote recovery in physical and virtual server environments. It provides a comprehensive set of features, including mirroring, application-consistent snapshots, journaling, WAN-optimized replication, and automated disaster recovery (DR) in an easy-to-use appliance, allowing IT administrators to meet stringent service-level agreements (SLAs). Simple, all-inclusive, capacity-based pricing makes the FalconStor CDP Storage Appliance a cost-effective solution for SMB/ROBO and midmarket organizations.



Highlights

All-inclusive functionality

- Mirroring, snapshots (up to 1,000), journaling, replication
- Enables definition of protection policies

Heterogeneous support

- Physical or virtual servers
- Microsoft Windows, Linux, Unix, Solaris, HP-UX
- iSCSI and Fibre Channel (FC) connectivity

Application-specific snapshot agents*

- Eliminates backup corruption
- Supports an extensive list of applications*

Preconfigured, scalable

- Simple, capacity-based pricing
- Expansion units available for additional scalability
- Scales from 2TB to 144TB per appliance

Disk-based backup

- Eliminates the backup window
- Enables near-zero recovery point objectives (RPO)
- Defines protection policies on individual server, departmental, or global basis

D2D2T backup

- Reduces tape costs
- Provides instant recovery

Automated disaster recovery via RecoverTrac™ tool

- Automates complex application recovery and disaster recovery testing
- Supports P2P, P2V, and V2V recovery

WAN-optimized replication via MicroScan™ technology

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

*Snapshot agents are available for the following environments: Microsoft Exchange Server, Microsoft SQL Server, Microsoft VSS, IBM DB2, IBM Informix, Lotus Notes/Domino, Oracle, Sybase, MySQL, SAP, MaxDB, and VSS, as well as file systems (Linux, HP-UX, Solaris, AIX, Microsoft Windows).

Specifications: FalconStor CDP Storage Appliances

CDPSA002

CDPSA007

CDPSA012

CDPSA024

Physical Characteristics				
Form factor	2U rackmount			
Processor	1 x Intel Xeon E5-2620, 6-Cores @ 2.0 GHz, 15M cache			
Memory	12GB (3 x 4GB RDIMM, 1333 MHz, low volt, dual rank, x8)			
NICs	4 x 1Gb/s Ethernet			
RAID Controllers	Internal H710 (6Gb/s) w/512MB BBC / External H810 (6Gb/s) w/1GB BBC			
RAID level (data)	5	6	6	6
Data disk type	12 x 200GB MLC SSD	12 x 600GB 15k SAS	12 x 1TB 7.2K NL-SAS	12 x 2TB 7.2K NL-SAS
Base capacity (usable)	2.2TB	6TB	10TB	20TB
Expansion options	1 - 4 external expansion units			
Power supply	2 x hot-plug high output 750W			
Power source	90-264 VAC, autoranging, 47-63 Hz			
Dimensions (HxWxL)	3.4 x 17.44 x 26.8 in (8.64 x 44.31 x 68.07 cm)			
Weight (maximum configured)	71.5 lb (32.5 kg)			
Host Connections				
iSCSI - 1Gb/s	4 ports			
iSCSI - 10Gb/s	Optional			
8Gb FC	Optional			
Advanced Features				
Application-aware snapshot agents*	Optional			
Snapshots (TimeMark®/TimeView®) per LUN	up to 1,000			
DynaPath® for Microsoft Windows or Linux native multipathing	Included			
DiskSafe™ agent	Included			
FileSafe™ agent	Included			
Recovery agent	Included			
Automated disaster recovery 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			
Central Client Manager (CCM)	Included			
HyperTrac™ Backup Accelerator	Optional			
Environmental Requirements				
Heat output	2,891 BTU/hr			
Temperature	50° to 95°F (10° to 35°C)			
Humidity	20% to 80%, noncondensing with maximum gradation of 10% per hour			
Altitude	-50 to 10,000 ft (-16 to 3,048 m)			

Corporate Headquarters
United States
tel +1.631.777.5188
salesinfo@falconstor.com

EMEA Headquarters
France
tel +33.1.3923.9550
salesemea@falconstor.com

Asia-Pacific Headquarters
Singapore
tel +65.6361.2450
salesasia@falconstor.com

FalconStor®
Defining Data Protection, Again.™

www.falconstor.com/cdp

Information in this document is provided "AS IS" without warranty of any kind, and is subject to change without notice by FalconStor, which assumes no responsibility for any errors or claims herein. Copyright © 2013 FalconStor Software. All rights reserved. FalconStor Software, FalconStor, RecoverTrac, MicroScan, TimeMark, TimeView, DynaPath, DiskSafe, FileSafe, RecoverTrac, and HyperTrac are trademarks or registered trademarks of FalconStor Software, Inc. in the United States and other countries. All other company and product names contained herein are or may be trademarks of the respective holder. CDPAPP5130327