

Continuous Data Protector (CDP) Gateways

PROTECT STORAGE INVESTMENTS WITH DISK BACKUP, REPLICATION, AND AUTOMATED DISASTER RECOVERY

The proliferation of physical and virtual servers, data, and business-critical applications and services, and the need to meet stringent service level agreements (SLAs) places pressure on midmarket enterprises. FalconStor® Continuous Data Protector (CDP) Gateways integrate with an organization's existing storage resources to address these critical data protection and business recovery challenges while enabling cost-containment. These gateway appliances provide a comprehensive set of features, including automated disaster recovery (DR), application-consistent snapshots, and journaling, offering the most rapid and granular recovery possible. Simple, all-inclusive, capacity-based pricing make the FalconStor CDP Gateway a cost-effective solution for midmarket and enterprise companies looking to improve service levels and reduce recovery point and recovery time objectives (RPO/RTO).



Highlights

All-inclusive functionality

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

Heterogeneous support

- Utilizes heterogeneous third-party storage
- Physical or virtual servers
- Microsoft Windows, Linux, Unix, Solaris, HP-UX
- iSCSI, Fibre Channel (FC), and FCoE connectivity

Application-specific snapshot agents*

- Eliminates backup corruption
- Supports an extensive list of applications

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

- MicroScan™ technology reduces bandwidth requirements and costs
- Enables rapid disaster recovery

Preconfigured, scalable

- Scales from 1TB to hundreds of terabytes per FalconStor CDP Gateway
- Simple, capacity-based pricing
- Expansion units available for additional scalability

*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 Gateways

CDPGA700

CDPGA720

Physical Characteristics		
Form factor	2U rackmount	
Processor	2 x Intel Xeon E5-2620, 6-Cores @ 2.0 GHz, 15M cache	
Memory	24GB (6 x 4GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x8)	
NICs	4 x 1Gb/s Ethernet	4 x 1Gb/s, 2 x 10Gb/s Ethernet
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 (8.6 x 44.31 x 68.07 cm)	
Weight (maximum configured)	71.5 lb (32.5 kg)	
Host Connections		
iSCSI - 1Gb/s	4 ports	4 ports
iSCSI - 10Gb/s	Optional	2 ports
8Gb FC	4 ports	2 ports
Advanced Features		
High availability (HA)	Optional	
Application-aware snapshot agents*	Optional	
Snapshots (TimeMark®/TimeView®) per LUN	Up to 1,000	
Storage Replication Adapter for VMware Site Recovery Manager	Included	
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	
Multisite Cluster Adapter for Microsoft Windows	Included	
SafeCache™ / HotZone™	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)	

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