

FalconStor CDP DiskSafe Agent

Reliable and secure data protection for Microsoft Windows Server DAS

What it is

FalconStor® CDP DiskSafe™ Agent is host-based replication software that delivers superior block-level data protection with centralized management for Microsoft® Windows-based servers as part of the FalconStor® Continuous Data Protector™ (CDP) solution. The DiskSafe Agent delivers real-time and periodic mirroring for both DAS and SAN storage to complement FalconStor CDP Journaling, TimeMark® Snapshots, and Replication. Together, these technologies provide a comprehensive solution to ensure end-to-end data protection for the entire storage environment, including Microsoft Windows, Exchange, and SQL Server systems.

What you get

Efficient, simplified data protection

Traditional data protection strategies for DAS environments require backup and replication agents on each server. This approach is cumbersome and expensive to manage. Shrinking backup windows often force IT professionals to purchase and maintain multiple backup servers or deploy a tape library on every server for local backup.

In contrast, the FalconStor CDP DiskSafe Agent facilitates the transfer of replicated data over a Fibre Channel (FC) or IP network directly to a centralized FalconStor CDP appliance, with no impact to host machines (clients). This enables users to easily create remote copies of files and entire disks, which can then be backed up to a central location while the enterprise continues to operate. Since all data management operations are performed from a central location, all Windows-based servers—local and remote—across the organization can be quickly and easily protected.

Flexible data protection modes

Data replication modes within FalconStor DiskSafe can be customized to an organization's specific business requirements. Depending upon the type of application, the value of the data, the type of network connection, and the distance involved, IT personnel can select synchronous or asynchronous block-based replication.

Comprehensive disaster recovery (DR) planning

To ensure rapid resumption of business with minimal data loss in the event of a sudden unplanned outage, the FalconStor CDP DiskSafe Agent and FalconStor CDP provide policy-based, scheduled replication to comprehensively address all phases of a disaster recovery (DR) strategy, including pre- and post-disaster, as well as during an outage. Furthermore, to minimize the impact on network traffic, the FalconStor CDP DiskSafe Agent transmits only blocks of data that have changed since the last replication, optimizing the performance and efficiency of data backup.



For more information, visit www.falconstor.com or contact your local FalconStor representative.

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