

Synchronous Mirroring

Data protection, easy data migration

What it is

FalconStor® Synchronous Mirroring technology works with FalconStor Continuous Data Protector™ (CDP), FalconStor Virtual Tape Library (VTL), and FalconStor Network Storage Server (NSS) to provide TOTALLY Open™ block-level data mirroring across any disk system regardless of vendor, disk type, or connectivity (SCSI, FC, iSCSI, InfiniBand). With a few mouse clicks, data can be synchronized to a second storage device independent of the servers involved. There is no need for system-specific host-based tools.

What you get

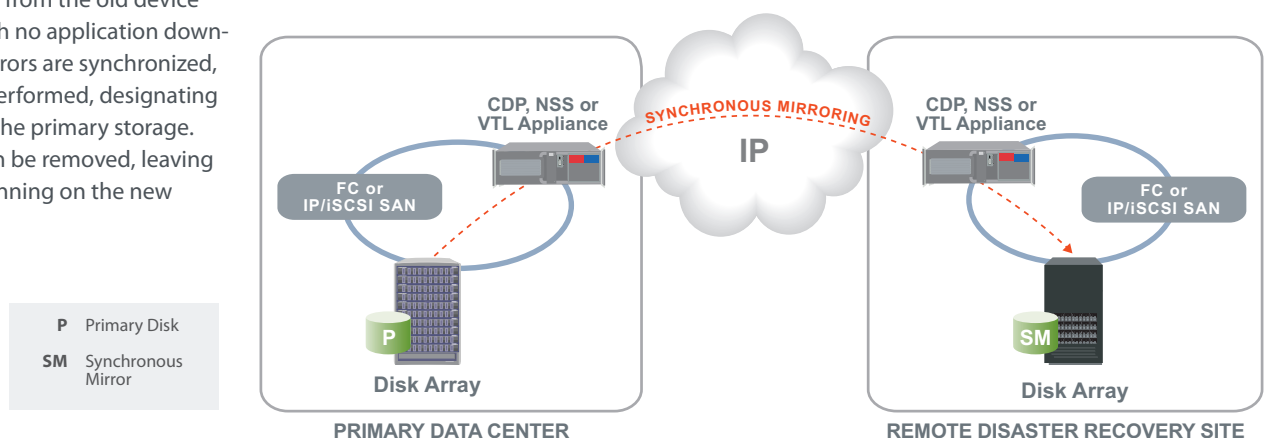
Data protection

Once the mirror is online, all future data is written simultaneously to both the primary volume and the mirror. Built-in, tunable mirror monitoring continually checks for lag time in write speed between sides of the mirror, which could reside on two separate devices. If lag times are too large, the mirroring process will automatically suspend to minimize impact to the production server. The mirror will then re-synch as soon as possible.

By committing data writes to separate disk systems, mirroring protects your data at the disk and array level in addition to any RAID protection provided on the disks themselves.

Data migration

FalconStor Synchronous Mirroring functions as an easy-to-use data migration tool across any storage vendor device or protocol. For example, if a particular storage array is going to be decommissioned in favor of a newer, faster device, FalconStor Synchronous Mirroring can mirror the data from the old device to the new one with no application down-time. When the mirrors are synchronized, a mirror “swap” is performed, designating the new device as the primary storage. The mirror can then be removed, leaving the applications running on the new storage device.



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

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