

Continuous Data Protector (CDP) for Microsoft Windows Environments

Instant recovery replaces data restore

Business Benefits

- > Fast, simple Microsoft Windows data recovery with 100% transactional integrity
- > Complete server and data protection for business continuity and optimal service levels
- > Integrates with key Microsoft Windows Server workloads, such as Microsoft Exchange and Microsoft SQL Server
- > Works with any SAN or direct attached (DAS) disk storage for maximum user flexibility and cost control
- > Eliminates backup windows
- > Protects physical and virtual servers with a single system
- > Reduces time, resources, and costs required to recover data, files, and systems
- > WAN-optimized replication minimizes network bandwidth requirements and costs
- > DR rehearsal can take place during normal business hours with minimal effort, time, and staff
- > Supports physical-to-virtual (P2V) system recovery for maximum flexibility and hardware savings
- > Flexible deployment options: available as software, appliances, and a certified virtual appliance for VMware Infrastructure

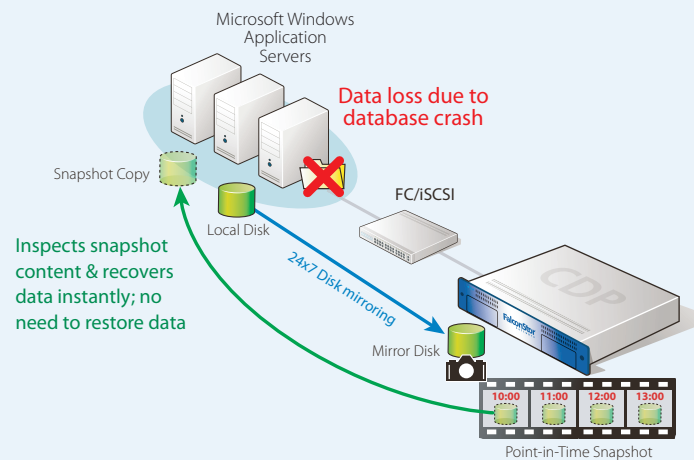
FalconStor® Continuous Data Protector™ (CDP) is an innovative disk-based data protection solution that provides comprehensive backup, rapid disaster recovery (DR), and remote replication to enable continuous data availability for Microsoft Windows environments. Offering unique WAN-optimized replication technology, FalconStor CDP supports “green” storage by minimizing bandwidth requirements while fostering business continuity.

Enterprises rely on highly efficient and stable information systems to optimize services and operations. Explosive data growth and stringent recovery time objectives (RTO) have forced organizations to rethink their backup solutions and technologies. Once-a-day data protection using tape backup no longer meets corporate recovery point objectives (RPO). IT departments face the challenge of preventing downtime and ensuring system reliability on limited budgets and resources.

The FalconStor CDP solution provides continuous backup and instant recovery for files, databases, and operating systems. Data can be recovered from multiple points throughout the day, even down to the last transaction written to disk. It offers powerful DR capabilities without hardware constraints and helps simplify DR rehearsals. In any kind of outage or disaster, whether natural or manmade, FalconStor CDP software recovers systems and data quickly with 100% transactional integrity to ensure ongoing business operations.

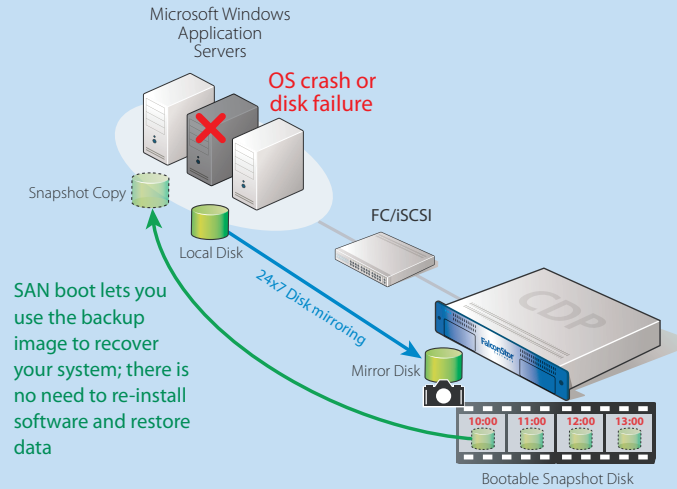
1 minute to recover Microsoft Windows data to any point in time with full integrity

To assure that data has been recovered accurately, FalconStor CDP software provides application-aware snapshot technology. Using iSCSI and/or Fibre Channel (FC) SAN connectivity, you can quickly roll back to any point in time and validate the accuracy of data without a lengthy restoration process, without impacting system performance, and without consuming unnecessary storage space.



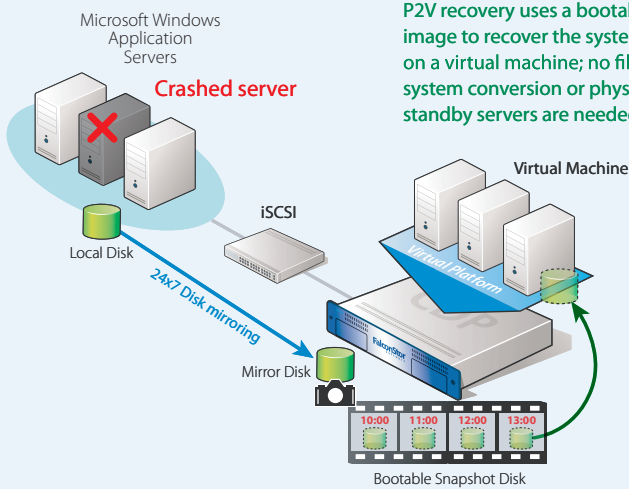
5 minutes to recover from system disk outages

In a traditional tape restore scenario, administrators are faced with the time-consuming task of re-installing the operating system and applications if a system disk is damaged or corrupted. With the FalconStor CDP solution, this is not the case. Using SAN boot technology, FalconStor CDP software can recover the Microsoft Windows operating system in less than 5 minutes by booting from a backup image without the need to re-install software.



SAN boot lets you use the backup image to recover your system; there is no need to re-install software and restore data

P2V recovery uses a bootable image to recover the system on a virtual machine; no file system conversion or physical standby servers are needed

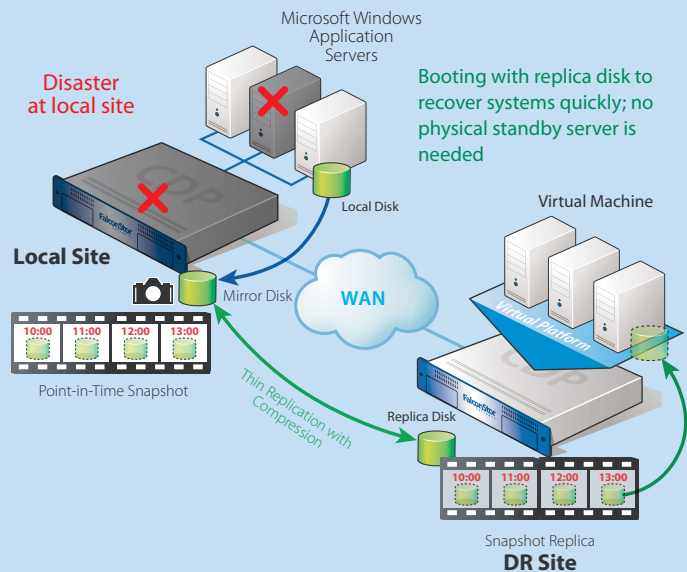


10 minutes to recover from server crashes

When a server crashes, organizations typically need standby servers and painstaking efforts to resume operations. Alternatively, you can leverage the FalconStor CDP solution to convert a physical server to a virtual machine to enable recovery. A mirrored disk on the FalconStor CDP appliance can be directly loaded onto the virtual machine without requiring long conversion times.

30 minute DR rehearsal

FalconStor CDP software extends data protection to remote sites using unique WAN-optimized replication. Each replication block is analyzed before replication, and only unique sectors are transmitted. This dramatically reduces bandwidth, often by 80% or more, and saves costs without the need for time-consuming file checking and conversion. You can leverage a FalconStor CDP appliance to create a fully functional DR site and replicate all physical and virtual machine data via IP. If a local site experiences failure or downtime, you can recover Microsoft Windows data from a remote FalconStor CDP appliance to restart services in less than 30 minutes.



Booting with replica disk to recover systems quickly; no physical standby server is needed

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