

## Continuous Data Protector (CDP) Virtual Appliance for VMware Infrastructure

Unified backup and disaster recovery (DR)

*The FalconStor® Continuous Data Protector (CDP) Virtual Appliance for VMware Infrastructure solution offers instant recovery and remote DR for physical or virtual servers in a VMware Ready pre-configured, production-ready virtual appliance that provides advanced disk-based data protection to enable continuous availability for physical and virtual machines and systems.*

### Highlights

- > Supports VMware ESX and ESXi
- > Recovery of files and database objects in as little as 1 minute
- > Virtual-to-virtual (V2V) recovery in as little as 2 minutes
- > Physical-to-virtual (P2V) recovery in as little as 10 minutes
- > Thin Provisioning of protection volumes
- > Single server or group protection policies
- > Complete protection for files, applications, databases, operating systems, and physical or virtual servers
- > Continuous availability through instant recovery from any type of data loss, from a single block to an entire data center
- > Continuous or periodic protection for any-point-in-time recovery
- > WAN-optimized replication with compression and encryption for fast, efficient remote DR
- > Eliminates backup overhead from production hosts
- > Application-aware snapshot agents, including Microsoft Windows certified agents, ensure 100% transactional integrity

VMware virtualization technology enables businesses to consolidate numerous servers, increase utilization, and streamline management. However, virtual machines require the same protection levels as physical ones do in order to minimize data loss and service downtime in the event of hardware or software failure. The FalconStor CDP Virtual Appliance for VMware Infrastructure is a pre-built, pre-configured, and ready-to-run solution, with its own operating system, that enables organizations to protect and recover data on VMware virtual machines.

### Comprehensive functionality

The FalconStor CDP Virtual Appliance is a disk-based data protection solution that provides unified backup and continuous availability in any IT environment — physical or virtual, system or data, local or remote. The FalconStor CDP Virtual Appliance provides flexible continuous and periodic protection, incorporating features such as mirroring, application-specific snapshot agents, and WAN-optimized replication.

DiskSafe™ technology from FalconStor runs on the application server to capture block-level changes made to a system or data disk, without impacting application performance. It mirrors data to the FalconStor CDP Virtual Appliance in real time and takes point-in-time snapshot images. These images enable users to roll back to a desired point in time and rapidly recover data to avoid downtime due to hardware crashes, virus attacks, database corruption, application crashes, or human error.

### Continuous data protection with instant recovery

The FalconStor CDP Virtual Appliance provides rapid recovery from system and data center failures. Continuous real-time data journaling and periodic snapshots enable recovery of emails, files, and database objects in less than five minutes. In addition, organizations can recover local servers in as little as ten minutes, and perform remote DR in as little as 30 minutes.

### Unified backup and recovery

FalconStor CDP technology greatly reduces or eliminates tape-based backup operations and costs. The in-network nature of the solution's recovery volumes, up to 64 snapshots, provides flexible and comprehensive recovery points. Tape backup jobs can be executed from these snapshot images, completely eliminating the traditional backup window and associated performance bottlenecks.

### Comprehensive DR

This solution features RecoverTrac™ technology, a DR tool from FalconStor that automates remote failover of critical business servers and applications. RecoverTrac supports physical or virtual servers at the data center or at a remote location.



