

# SteelEye® DataKeeper™ Disaster Recovery and High Availability Solutions on Hyper-V

## Overview

SteelEye DataKeeper provides disaster recovery and high availability solutions for Hyper-V virtual machines. One of the key benefits of virtualization is easy disaster recovery through server portability. DataKeeper enables complete disaster recovery solutions by keeping a running Hyper-V virtual machine in sync with a standby Hyper-V virtual machine in an alternate location for simple disaster recovery without the data loss typically associated with traditional backup and restore technology. Real-time continuous replication of running Hyper-V virtual machines (Virtual Hard Disks, Virtual Machines and Snapshot files) insures that in the event of a disaster, the standby server can be activated with minimal to no data loss.

As multiple VMs are consolidated onto single physical servers, having a highly available Hyper-V environment is a must. When paired with Windows Server Failover Clustering (WSFC), DataKeeper allows administrators to build “shared-nothing” and geographically dispersed Hyper-V clusters. By eliminating the requirement for shared storage, the administrator can protect against both planned and unplanned downtime of servers and storage, as well as protect against environmental failures such as power outages and other regional disasters. Long distance Live Migration allows administrators to move VMs between data centers with minimal disruption to the users.

SteelEye DataKeeper is a highly optimized replication engine that ensures your Hyper-V VM is replicated as quickly and as efficiently as possible.

## Some of the features include the following:

Asynchronous Replication of Hyper-V virtual machines	Integrates with Windows Server 2008 Failover Clustering (WSFC)	Non-disruptive disaster recovery testing
Host-Based, Volume Level	(CDP) - Extends existing shared storage clusters	Built-in WAN acceleration
Logo certified for Windows Server 2008, 2008 R2 and Hyper-V	Long distance live migration	MMC GUI with at-a-glance status
Multiple targets across LAN and WAN	Eliminate the need for a SAN for live migration	CLI for programmatic control
Nine levels of compression	Eliminate the SAN as a Single Point of Failure	Disaster Recovery and HA configurations for Hyper-V

## About SteelEye Technology

SteelEye is the leading provider of data and application availability management solutions for business continuity and disaster recovery for Linux and Windows and virtual environments.

The SteelEye family of data replication, high availability clustering and disaster recovery solutions are priced and architected to enable enterprises of all sizes to ensure continuous availability of business-critical applications, servers and data.

To complement its software solutions, SteelEye also provides a full range of high availability consulting and professional services to assist organizations with the assessment, design and implementation of solutions for ensuring High Availability within their environments.

SteelEye is a subsidiary of SIOS Technology, Inc.  
To contact SteelEye, visit [www.steeeye.com](http://www.steeeye.com) or call:

US/Canada 866.318.0108      Europe + 44 1494 429382      Int'l + 1.650.843.0655

SteelEye Technology, Inc.  
4400 Bohannon Drive, Suite 110, Menlo Park, CA 94025



**SteelEye**  
TECHNOLOGY INC

[www.steeeye.com](http://www.steeeye.com)

## Replicate Any Data. Protect Any Application

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