

**Overview**

SteelEye® DataKeeper™ is a fast and effective host-based replication solution which integrates seamlessly with Windows Server 2008 Failover Clustering. New features of Windows Server 2008 Failover Clustering such as cross subnet failover and use of high-latency networks make it possible for users to deploy geographically dispersed clusters. SteelEye DataKeeper unlocks the power of Windows Server 2008 Failover Clustering, allowing administrators to take advantage of these great new features to support high availability and disaster recovery configurations.

SteelEye DataKeeper is a highly optimized replication engine that ensures your data is replicated as quickly and as efficiently as possible. Some of the features include the following:

- Synchronous or Asynchronous block level volume replication
- Built in WAN optimization enables SteelEye DataKeeper to “pack the pipe” of a high speed/high latency network connection without the need for WAN accelerators
- Efficient compression algorithms make efficient use of available bandwidth
- Intuitive MMC 3.0 GUI

✓ Host-Based, Volume Level Replication	✓ 32- and 64-bit platform support
✓ Synch and Asynch	✓ Physical-to-Virtual Virtual-to-Virtual
✓ Change Only	✓ MMC GUI with at-a-glance status
✓ Local and Remote Targets	✓ CLI for programmatic control
✓ WAN Optimized with 9 Compression Levels	✓ Full Read Access to Target
✓ Per Mirror Bandwidth Throttles	✓ SNMP Alerts
✓ Supports any Application	✓ Integration with Windows Server 2008 Failover Clustering
✓ Includes Counters for Performance Logs and Alerts	✓ Supports Windows Server 2003/2008

**General Availability:**

**December 2008**

**More Information e-mail:**

**[datakeeper@steeleye.com](mailto:datakeeper@steeleye.com)**

**Visit us at:**

**[www.steeleye.com/products/windows/datakeeper.php](http://www.steeleye.com/products/windows/datakeeper.php)**



**Replicate Any Data. Protect Any Application**

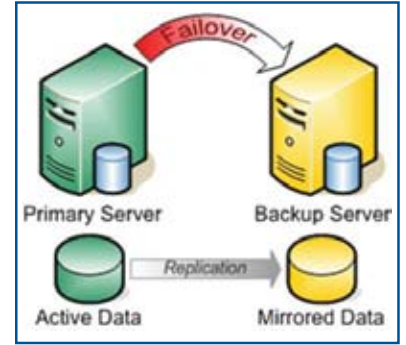


## Integration with Windows Server 2008 Failover Cluster

With the new features of WSFC making geographically dispersed clusters easier to implement and more robust, there is still one key ingredient that is needed in order to fully enable this feature – wide-area data replication. Microsoft is supporting 3rd party hardware and software vendors to bring this technology to WSFC. SteelEye DataKeeper is one such solution and provides the optimal balance of ease of use, features and price-performance to facilitate geographically dispersed clusters.

The most basic configuration, shown at right, consists of a two node Microsoft failover cluster, with one node in the primary data center and the second node in a different data center at the other side of a WAN link. SteelEye DataKeeper replicates the volume resource(s) defined on the primary server to the secondary server. The volume resource can be a local attached disk, or it can be an iSCSI or fiber channel SAN attached volume.

Changes that occur to the volume(s) on the disaster recovery server are tracked in the bitmap and are replicated back to the primary server once it becomes available again.



## 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.steeleye.com](http://www.steeleye.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

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