



SteelEye® Protection Suite for Windows

Integrated application and data protection for Windows Server environments that's scalable, flexible, highly reliable and extremely cost-effective

Microsoft Windows servers and applications are mission-critical elements in most enterprise IT environments today. When maintenance, malfunction or mischief make them unavailable, the operational and financial impacts can be disastrous. For good reason, best-practices for business continuity are based on the cornerstones of clustering, continuous monitoring, real-time data replication and automated recovery. Native Windows tools and third-party solutions are available for each of these requirements, but acquiring and integrating the various technologies can be expensive, labor-intensive and error-prone. Best practices, like best intentions, too often fall victim to the real world impediments of high cost, complexity, and long time to value.

Superior Protection that's Simpler, More Flexible and Cost-Effective

Fortunately, SIOS has a reliable, flexible and cost-effective solution with more than a decade of proven service in enterprise deployments worldwide. SteelEye Protection Suite (SPS) for Windows offers enterprise-grade reliability for Windows applications and databases running on all flavors of Windows 2003/2003 R2, Windows 2008/2008 R2 including Standard, Enterprise, and Datacenter versions. This innovative solution provides integrated monitoring, recovery and data replication capabilities for high-availability and disaster recovery, and it does so simply, reliably and affordably, with solutions that deploy in half the time and at half the cost of conventional point products.

SteelEye Protection Suite for Windows



Continuous Monitoring and Automated Recovery

SteelEye Protection Suite provides continuous monitoring and automated recovery for all your Windows applications. It constantly monitors the health of servers, applications, network connections and data volumes. When a problem is detected, it automatically initiates a configurable recovery action that can include a restart attempt on the same server, failover to a back-up server, or alerting a system administrator for manual intervention. The recovery process provides end-to-end support for server, applications and data, ensuring complete restoration of the entire application stack. Both single- and multi-site clustering is supported, providing high availability and disaster recovery capabilities in a single, highly scalable solution set.

In addition to automated failure recovery, SPS makes it easy to manually move applications between nodes, reducing planned downtime for patching and other routine maintenance activities. It's an ideal solution that is actively

KEY BENEFITS

Gain Superior Protection

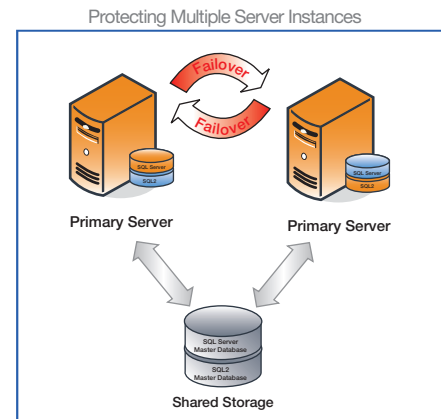
- Integrated single- and multi-site clustering for high application availability with real-time replication for continuous data protection.
- Lightweight host-based, block-level replication and highly tunable bandwidth utilization allow performance optimization for any environment

Add Simplicity and Flexibility

- One intuitive management interface
- Support physical, virtual or cloud environments
- Supports one-to-many replication
- Support a wide range of storage architectures
- Support all editions of Windows Server 2003/2008/2008 R2

Reduce Your TCO

- Create single- and multi-site clusters using existing servers and storage
- Eliminate the need for high-cost shared storage facilities



With SteelEye Protection Suite for Windows, multiple active server instances can be configured to provide backup for each other.



ensuring high availability of mission-critical applications like Exchange, Oracle, IIS and SQL Server for major enterprises worldwide.

Real-Time Data Replication

SteelEye Protection Suite also ensures continuous availability of essential data through lightweight, host-based replication. Block-level, one-to-many replication and support for both synchronous and asynchronous operation make it possible to synchronize data across single- or multi-site clusters, over a LAN or WAN. Built-in bandwidth throttling and nine-level compression ensures maximum transfer speeds with no need for additional hardware accelerators or compression devices. The SteelEye Protection Suite's flexible architecture lets you deploy the cluster and storage topologies that make the most sense for your business. Build your choice of shared-nothing or shared-storage clusters with existing servers and storage.

With real-time replication, SteelEye Protection Suite delivers virtually immediate recovery from a failed storage array, because an identical copy of the data is maintained on the backup server. By maintaining multiple real-time copies of your data, you can eliminate storage as a single point of failure, ensuring the highest possible level of data protection and application uptime. This unique combination of efficient disk-to-disk data protection with high availability clustering, monitoring and failover makes this a powerful platform to protect your mission critical windows applications.

Out-of-the-Box Application Integration

SteelEye Protection Suite extends its core monitoring, recovery and replication functions to a wide range of popular applications through an extensive library of Application Recovery Kits (ARKs). These unique application-aware agents provide granular visibility into each key subsystem in your IT stack, enabling you to make more informed decisions and more reliably achieve your recovery time and recovery point objectives.

SteelEye Protection Suite includes out-of-the-box integration support for:

- Microsoft Exchange Server 2003 and 2007
- Microsoft SQL 2000, 2005, 2008 and 2008 R2
- Microsoft IIS
- Oracle 10g and 11g
- Network Connections and File Shares

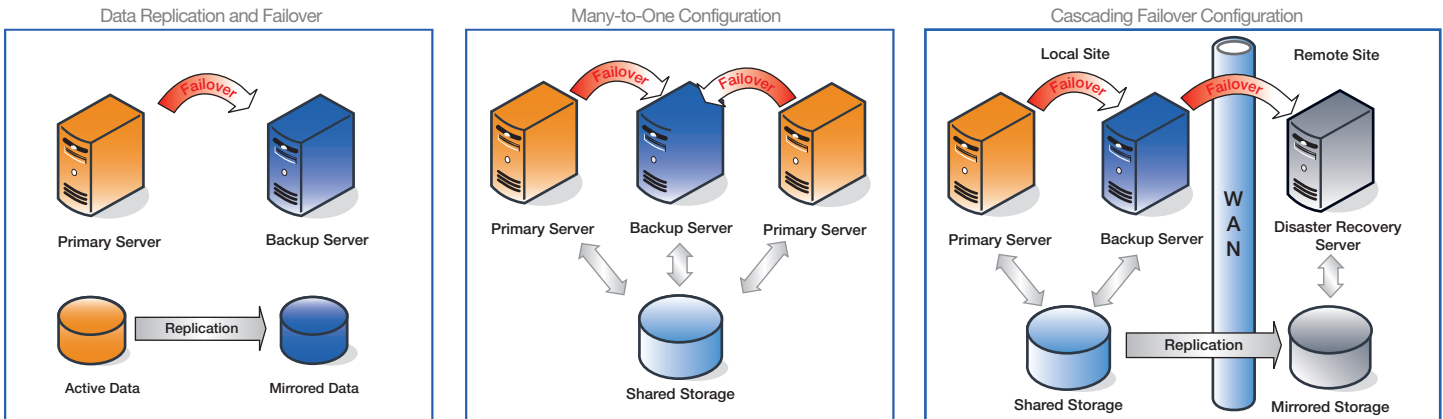
Also included is an ARK SDK and generic application recovery kit that let you easily incorporate protection for any custom application.

SQL Server Application Recovery Kit

The SQL Server Application Recovery Kit is the most widely deployed SteelEye Protection Suite recovery kit. It is designed to extend the core functionality of SPS with in-depth SQL Server monitoring and recovery intelligence for Microsoft SQL Server. It's the industry's most comprehensive and scalable solution for reducing SQL Server downtime from planned and unplanned outages. SPS addresses all levels of uptime requirements from local replication and failover to complete disaster recovery at a remote site through an innovative integration of continuous monitoring, real-time data replication and automated recovery.

Trust SIOS for Proven Protection

SIOS delivers innovative software solutions that provide simple and cost-effective application availability and data protection for Linux and Windows, including virtual and cloud environments. SIOS solutions are easy to implement, use and manage—eliminating the complexity and capital expenditures associated with traditional approaches while offering superior availability and protection. To learn more about SIOS and our SteelEye solutions, visit www.us.sios.com.



SteelEye Protection Suite for Windows performs health monitoring and initiates recovery in event of failure.

SteelEye Protection Suite for Windows allows a high availability cluster to be configured with one backup server for multiple active servers.

With cascading failover, if an event renders all systems within the LAN incapable of restoring service, SteelEye Protection Suite for Windows will then recover onto systems across the WAN link.

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