

# SteelEye® Disaster Recovery

## Ensuring Access to Data and Applications

Disaster recovery is a growing concern for businesses today. Every hour, if not minute, of uptime is critical to their financial performance often to the very survival of the company. But continuous availability is threatened by a growing set of business concerns such as sporadic power outages, hacking and cyber-terrorism, and the increasing complexity and costs associated with ensuring uptime. Server outages caused by natural disasters, and increasingly common power outages typically last longer, making the risk and cost of lost business significant. Most companies recognize the need for maintaining a back-up server in a separate location to ensure continuous availability of data and applications in time of disaster.

Traditional disaster recovery solutions, however, have come with a hefty price tag and often take months to deploy, making them unaffordable for the majority of small, medium, and even large companies. Currently, only a third of large businesses, and even fewer small and medium-sized businesses, have disaster recovery programs in place. As a result, very few firms are able to ensure timely application recovery after disaster scenarios. Comprehensive disaster recovery must ensure that both data and the applications are protected and recovered in a timely and seamless fashion. Limited disaster recovery that only addresses data back-up is not sufficient. E-commerce and Web-based sales and order processing, for example, requires pricing and transaction data as well as the application to be available, otherwise, sales and revenue are lost. Comprehensive, end-to-end disaster recovery is vital to ensure that both the data and the applications are fully available and can continue to interoperate after the recovery process.

### Automated and Affordable Disaster Protection and Recovery Zero to Recovery in Minutes™

### STEELEYE DISASTER RECOVERY - EASY AND AFFORDABLE

SteelEye Disaster Recovery assures comprehensive, easy, and affordable disaster protection and automated recovery

of business-critical data, servers, and applications across multiple geographically distributed sites. Fully automated and easy to deploy, SteelEye Disaster Recovery was created to provide Zero to Recovery in Minutes™ and Zero to Protection in Days™. SteelEye Disaster Recovery leverages SteelEye's experience in developing LifeKeeper high availability clustering and data mirroring software. Based on LifeKeeper and Data Replication technology, SteelEye Disaster Recovery is designed to work seamlessly and automatically on top of existing data and applications without requiring application modifications. By providing comprehensive disaster recovery, automating the disaster recovery process, and eliminating the need for application customization, SteelEye Disaster Recovery can be implemented more quickly and cost effectively than other alternatives. With complete installation services included, typical deployments can take two to three weeks compared with two to three months, or even longer, for traditional solutions. Operations can be easily handled by internal staff, resulting in higher return on investment and lower total cost of operations plus faster time to recovery when disaster strikes.

### SEAMLESS APPLICATION PROTECTION AND RECOVERY

SteelEye provides protection to support disaster resilience, as well as fast recovery of multiple system failures and applications. SteelEye Application Recovery Kits (ARK's) include tools and utilities that allow SteelEye Disaster Recovery to automatically manage and control specific applications. When an ARK is installed for any supported application, the solution is able to monitor the health of the application and automatically recover the application if it fails. Out of the box, SteelEye Disaster Recovery supports SAP, Microsoft Exchange, Microsoft SQL Server, Oracle, or any custom applications on Windows and Linux platforms. SteelEye also provides a Software Developer's Kit (SDK) that supports the development of custom Application Recovery Kits for any other application.



**Replicate Any Data. Protect Any Application**

## AUTOMATED, COST-EFFECTIVE DISASTER RECOVERY

SteelEye Disaster Recovery enables automated recovery of IT operations shortly after disruptive events while IT staff is still coping with the incident. As a result, revenue flow is protected. On-line data protection across the WAN assures continued access to information that is as recent as minutes prior to disaster occurrence, unlike other solutions that rely on back-up tapes, where up to 24 hours' worth of data can be lost. Customers protect their end-user application services by running SteelEye Disaster Recovery on one Linux or Windows server in their primary location and another server in the remote location. SteelEye's WAN-optimized network data mirroring provides continuous data replication between the two servers' disks. SteelEye has fine-tuned the data replication facilities to function in asynchronous mode, queuing the data changes locally on the primary system to account for WAN delays and outages, if any. When disaster occurs, all business-critical applications are failed over to the remote site, IP addresses are moved as needed, and user services are automatically restarted, including access to the mirrored copy of data that includes the most current information just prior to the incident. When the network connection is reestablished, any queued changes are reapplied to the remote replica. Easy-to-use management tools allow managers to control recovery actions automatically or manually, reducing human error while accommodating varying disaster scenarios.

## 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 (0)1223 208701      Int'l + 1.650.843.0655

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

## Replicate Any Data. Protect Any Application

## SCALABLE AND FLEXIBLE "RELIABILITY ON DEMAND"

Businesses have different levels of disaster recovery needs - and budgets. SteelEye offers flexible, scalable, cost-effective solutions to meet the varying needs of companies at the level of reliability finely tuned for their business:

- From local reliability protection with SteelEye's LifeKeeper and data mirroring products
- To multi-server LAN environments using shared SCSI-based storage
- To those including Fibre Channel SAN or Networks Attached Storage (NAS) systems
- All the way up to the WAN-optimized SteelEye

Disaster Recovery Solution offering protection across multiple geographically dispersed sites For full disaster protection and automated recovery, customers with LifeKeeper HA clustering and SteelEye Data Replication can easily integrate with SteelEye Disaster Recovery, providing remote back-up and fully automated recovery.

Zero to Protection in Days™ Maximize Availability of Critical Data and Applications.

## PROFESSIONAL SUPPORT

SteelEye offers a premium 24x7 support package for SteelEye Disaster Recovery. Customers who purchase the solution have access to a help desk and dedicated support team via email or a toll-free telephone number.



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