

# PROCESSOR.

## New Products



### General Information

September 22, 2006 • Vol.28 Issue 38

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## Protect Your Data Every Step Of The Way

### SteelEye Products Provide A Full-Service Data Protection Solution

#### **SteelEye LifeKeeper v6 & Data Replication v6**

*LifeKeeper for Linux v6: \$1,800 per physical server*

*SteelEye Data Replication v6: \$900 per server*

*Ensures client connectivity by allowing applications to failover to other servers in the Linux cluster; provides dynamic, disk-level replication of data and is one of the first that can operate across both LANs and WANs*

[www.Processor.com/Steeleye](http://www.Processor.com/Steeleye)

Systems that support mission-critical applications cannot fail for any reason or any length of time, especially in life-threatening or life-saving environments. SteelEye's LifeKeeper for Linux is a software application that will not fail. LifeKeeper maintains continuous access on clustered Linux systems by observing and continually scrutinizing the system's health (applications, OS, drivers, DLLs, etc.) by maintaining constant connectivity and by guaranteeing uninterrupted access regardless of where the clients reside (for example, on a corporate Internet, intranet, or extranet).

In the event of a system failure, LifeKeeper ensures client connectivity by allowing applications to failover to other servers in the Linux cluster. "With this solution, applications can be migrated seamlessly among servers in a variety of cluster configurations, including physical-to-physical, virtual-to-virtual, and physical-to-virtual failovers," says Bob Williamson, vice president of products at

SteelEye Technology. "This flexibility allows users to build the cluster that best matches their availability needs and best leverages their existing infrastructure."

This is called a fault-resilient environment, notes Williamson, where other servers in a cluster take over for failed servers or other applications take over for failed applications. Ownership costs are reduced; risk of a single point of failure is reduced; and false failovers are minimized.

Competition for this product includes vendors such as Microsoft (Microsoft Cluster Server; [www.microsoft.com](http://www.microsoft.com)) and Linux distributors such as Red Hat (Red Hat Cluster Suite; [www.redhat.com](http://www.redhat.com)), which also provide clustering solutions. "LifeKeeper for Linux is different because it's among the first applications for Linux that can protect applications in both virtual and nonvirtual environments," says Williamson.

So, LifeKeeper facilitates automatic system and application recovery when/if your system fails and allows your applications to failover to other servers in the cluster, while its counterpart, Data Replication 6, mirrors and/or replicates that data to another offsite location in case that system failure occurs across the entire network as a result of a natural disaster. Together, the two products provide an "all-around" data protection

solution.

Data Replication v6, SteelEye Technology's other new product, is an industry-proven solution on Windows and Linux, adds Williamson. It provides dynamic, disk-level replication of data and is one of the first that can operate across both LANs and WANs.

According to Williamson, this product offers users the ability to protect data more quickly and efficiently than traditional, standalone backup technologies and supports either synchronous or asynchronous continuous data protection, features that are critical to a fully integrated disaster recovery solution. "And all with complete, real-time data replication, automated monitoring, and failover for applications," says Williamson.

This program replicates data at the block level, below the file system, says Williamson, and only replicates changes in data. In addition, it offers a lot of flexibility regarding how and when data is mirrored, including the ability to perform both synchronous and asynchronous mirroring.

Competition for this product includes vendors such as LinkPro's IPReplicator ([www.linkpro.com](http://www.linkpro.com)) and Sybase Replication Server ([www.sybase.com](http://www.sybase.com)). "But ours is one of the first that can operate across both local- and wide-area networks," says Williamson.



*by Julie Sartain*