

Johnson Health Network Cures Backup Pain With ExaGrid

Customer Overview

Johnson Health Network is an 89-bed acute care facility serving 120,000 patients per month across its nine network members, including Johnson Memorial Hospital, Evergreen Health Care Center, Home and Community Health Services, Johnson Occupational Medical Center and Johnson Surgery Center.

Managing Data Growth

Johnson Health Network is expanding its data center and deploying an electronic medical records system enabling the organization to transition the storage of its e-patient information from an ASP solution to onsite. This data growth, combined with the need for a tighter disaster recovery plan, motivated the health network to seek alternatives to its existing backup process which involved writing some backups to their primary storage array and some to a tape-based backup system.

Johnson Health Network selected ExaGrid's turnkey disk-based backup solution to reclaim the 50% of their expensive primary storage space set aside as a temporary place to store backup data and to reduce the 22 to 28 hours it takes to backup data to tape.

No Change to Existing Backup Application: Symantec Backup Exec

Johnson Health Network will be using the ExaGrid system with their existing Symantec Backup Exec protection solution. ExaGrid's ability to work with Backup Exec was an important criterion for selection as it meant no change to their existing processes.

"Before we selected ExaGrid, we considered storing more backups on our primary storage array and adding a second array at another site for disaster recovery, but it would have increased our backup costs exponentially," said Paul Russell, CIO and site director of Johnson

Health Network. "Using ExaGrid, we will recover 50% of the live disk space we had allocated to backups and reduce the cost of redundant backups across the WAN. We also anticipate that the verification process will be quicker and more reliable."

ExaGrid's disk-based backup system helps streamline backups by providing 2 to 1 data compression for the last backup along with unique byte-level delta data reduction that reduces data from all previous backups by 20 to 1. ExaGrid's byte-level delta technology stores only deltas, or changes, from backup to backup instead of storing full file copies. This approach significantly reduces the amount of data stored, saving costly disk space and providing fast backups and restores.

Johnson Health Network plans to install a second ExaGrid system off-site to eliminate tape and to provide faster data recovery in the event of a disaster. ExaGrid is extremely cost effective as a second site because its byte-level delta technology only moves changes, requiring minimal WAN bandwidth.

Intelligent, Cost-Effective Data Protection

ExaGrid is a cost effective and scalable disk-based backup system that combines high quality SATA drives, compression, and data reduction for fast and reliable backups and

"Using ExaGrid, we will recover 50% of the live disk space we had allocated to backups and reduce the cost of redundant backups across the WAN."

Paul Russell, CIO and site director
of Johnson Health Network

restores. ExaGrid's innovative approach minimizes the amount of data to be stored by providing standard data compression for the most recent backups, along with byte-level delta data reduction for all previous backups. Byte-level delta data reduction technology stores only the changes from backup to backup instead of storing full file copies, reducing the amount of disk space needed to at least 20 to 1, and resulting in a solution that is 30% the cost of standard SATA drives.

ExaGrid is easy to install and use, and works seamlessly with popular backup applications, enabling organizations to retain their investment in existing applications. ExaGrid can be used at a primary site and at a second site to supplement or eliminate offsite tapes with a live data repository or for disaster recovery. When a second site is used, the cost savings are even greater because ExaGrid's byte-level delta technology moves only changes, requiring minimal WAN bandwidth.

For more information about the ExaGrid solution, please visit our web site www.exagrid.com or call us at 1-800-868-6985.

About Symantec

Symantec is the world leader in providing solutions to help individuals and enterprises assure the security, availability, and integrity of their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at www.symantec.com.

ExaGrid Systems is a Symantec Technology and Platform Partner.

ABOUT EXAGRID

ExaGrid is a turnkey solution that works in conjunction with your existing backup applications and is about 25 percent the cost of standard SATA disk. ExaGrid includes SATA storage and provides data reduction through byte-level delta technology, which stores only byte-level changes for each backup instead of storing full file copies. This unique approach reduces the amount of disk space needed by as much as 20 to 1, resulting in a significant cost savings over standard SATA drives. With ExaGrid, you can replace onsite tape backups with a disk-based backup system, and still maintain your existing offsite tape strategy. ExaGrid is easy to install and use, and fits seamlessly into your existing environment, enabling you to leverage your technology investments.

ExaGrid Systems, Inc.

2000 West Park Drive
Westboro, MA 01581

1 800.868.6985
www.exagrid.com

