

Lavi Industries Ropes in Better Backups and Restores with ExaGrid Systems Disk-based Backup with Deduplication

CUSTOMER SUCCESS STORY



"The ExaGrid system has taken the headaches out of our daily backup processes. I monitor the system each and every day, but I don't have to worry anymore about our backups. It's a set it and forget it type of solution to backups. The ExaGrid system enables us to work more effectively because we can now spend the time we used to spend on backups on higher priority things."

Pete Roxas
Senior Systems Engineer
Lavi Industries

Customer Overview

Based in Valencia, California, Lavi Industries (www.Lavi.com) is the premier provider of Public Guidance solutions in North America. Leveraging its portfolio of world-class brands – Beltrac® stanchions, Directrac® signage systems, Qtrac™ electronic queuing systems, and NeXtrac® in-line merchandising systems – Lavi has helped the world's leading companies effectively guide people in, through, and out of their facilities.

Fast Data Growth Taxed Tape Libraries

The IT department at Lavi Industries is responsible for backing up data for its corporate offices in Valencia, California as well as its manufacturing plant in New York. With their data constantly growing, using tape, they were unable to finish nightly backup jobs and restoring files had become quite time consuming.

"Our backup jobs started at 6pm and weren't finishing until noon the following day," said Pete Roxas, Senior Systems Engineer at Lavi Industries. "Our users were experiencing significant system issues due to the fact that our backup jobs were still running," he said

Cost-Effective ExaGrid System Reduces Reliance on Tape, Built-in Data Deduplication Maximizes Use of Disk Space

After looking at solutions from several vendors, Lavi Industries chose a disk-based backup system with data deduplication from ExaGrid. The company purchased two ExaGrid systems and installed one in each of its locations, one as a primary site backup and the other for backup replication and disaster recovery. The ExaGrid systems work along with Symantec Backup Exec™, Lavi Industries existing backup application.

"We really liked ExaGrid's post process approach to data deduplication more so

than the other vendors we looked at. The ExaGrid was cost effective and its built-in data deduplication technology will enable us to really maximize disk space. We're amazed at how efficient it is and it lets us keep lots of data disk in case we need to quickly perform a restore," said Roxas.

ExaGrid's post-process data deduplication processes data after it has landed on the system, ensuring the fastest backup times possible. ExaGrid combines last backup compression along with data deduplication, which stores changes from backup to backup instead of storing full file copies. This unique approach reduces the disk space required by a range of 10:1 to 50:1 or more, delivering unparalleled cost savings and performance.

ExaGrid delivers extremely fast backup performance because data is written directly to disk, and data deduplication is performed post-process after the data is stored to reduce data.

"Since installing the ExaGrid, we've all but eliminated the hassles of tape. As a result, our back up times have been reduced by over 50 percent," said Roxas. Our backups were taking over 18 hours prior to installing the ExaGrid system. Now, they are completed in about six," he said.

"Our restore times are unbelievably quicker. I can now restore any file almost instantaneously as opposed to the hour or more it took with tape," said Roxas.

EXAGRID™

Responsive Customer Support

ExaGrid comes packaged as a turnkey appliance and was designed to be easy to deploy and manage and to deliver maximum uptime with redundant, hot-swappable components. All components are fully supported by ExaGrid's trained, in-house engineers dedicated to individual accounts.

"Since installing the ExaGrid system, we've been able to significantly reduce our backup times and our jobs are now completed well within our backup window. We've been extremely pleased with our ExaGrid support team. They have worked closely with us to make our backups faster and more efficient. The support team has also been incredibly responsive. They use their expertise to get to the root of a problem so that things get resolved quickly. Not only are they knowledgeable about the ExaGrid, but also our backup application," said Roxas

Scalability to Accommodate Data Growth

ExaGrid's GRID computing software makes the system highly scalable, and when plugged into a switch, different sized configurations can be mixed and matched into a single GRID system with capacities of up to a 100TB full backup plus retention. Once virtualized, they appear as a single system to the backup server, and load balancing of all data across servers is automatic.

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About ExaGrid Systems, Inc.

Customers worldwide depend on ExaGrid Systems to solve their backup problems—effectively and permanently. ExaGrid's disk-based, scale-out GRID architecture adjusts to increasing backup demands due to constantly growing data volumes. It is the only solution that combines compute with capacity as well as a unique landing zone to permanently shorten backup windows and eliminate expensive forklift upgrades. Learn more at www.exagrid.com.

ExaGrid and Symantec Backup Exec

Symantec Backup Exec provides cost-effective, high-performance, and certified disk-to-disk-to-tape backup and recovery – including continuous data protection for Microsoft Exchange, SQL, file servers, and workstations. High-performance agents and options provide fast, flexible, granular protection and scalable management of local and remote server backups.

Organizations using Symantec Backup Exec can look to ExaGrid as an alternative to tape for nightly backups. ExaGrid sits behind existing backup applications, such as Symantec Backup Exec, providing faster and more reliable backups and restores. In a network running Symantec Backup Exec, using ExaGrid in place of a tape backup system is as easy as pointing existing backup jobs at a NAS share on the ExaGrid system. Backup jobs are sent directly from the backup application to the ExaGrid for onsite backup to disk.

Intelligent Data Protection

ExaGrid's turnkey disk-based backup system combines high quality SATA drives with byte-level data deduplication, delivering a disk-based solution that is more cost effective than standard SATA drives. ExaGrid's byte-level data deduplication technology stores only the changes from backup to backup instead of storing full file copies, reducing the amount of disk needed by a range of 10:1 to 50:1 or more, resulting in a solution that is 25 to 30% the cost of standard SATA drives.

The ExaGrid system is easy to install and use and works seamlessly with popular backup applications, so organizations can retain their investment in existing applications and processes. ExaGrid servers can be used at primary and secondary sites to supplement or eliminate offsite tapes with live data repositories for disaster recovery.

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