

Movius Cuts Backup Times, Increases Retention with ExaGrid

CUSTOMER SUCCESS STORY



“Using the ExaGrid system, we’ve been able to reduce our nightly backup times from 12 hours to 4 hours, and our weekly full backups have been reduced from 48 hours to 16 hours. The ExaGrid has taken the pain out of our backups, and our network is no longer bogged down so things run more smoothly.”

Rupesh Nair
IT Consultant
Marfic Technologies

Customer Overview

Movius Interactive Corporation gives people the power to enrich their lives through viable innovations that transform the way they interact with information, media and each other. Formed in 2006 via the combination of IP Unity and the Messaging Division of Glenayre, Movius is a recognized leader in Value Added Services (VAS) for telecommunication providers around the world. Movius solutions for converged messaging, unified conferencing, virtual telephony and notification services enable carriers in established and emerging markets to increase ARPU and market share. Movius is based in metropolitan Atlanta, Georgia.

Long Tape Backups Bugged Down Network

The IT department at Movius decided to overhaul the company’s backup infrastructure when its network began to slow down due to long nightly and weekly backups. With nearly 4TB of data to protect, nightly incremental backups had been stretching to 12 hours and weekly full backups to 48 hours, and productivity was affected.

“Our backup times were way too long, and our network speed was suffering. Also, our tape and tape storage costs were high due to the fact that we were sending out 15 tapes per week,” said Rupesh Nair of Marfic Technologies, Movius’ IT business partner. “We needed a cost-effective solution that could cut our backup times and give us the ability to keep more data on site.”

ExaGrid Works with Existing Backup Applications to Cut Backup Times

After looking at a variety of different solutions on the market, Movius selected ExaGrid’s disk-based backup system with data deduplication. The system works in conjunction with Symantec Backup Exec and Vizioncore vRanger Pro to back up all of the company’s data, including Windows and UNIX data, as well as VMware images.

“The ExaGrid system works seamlessly with both Backup Exec and vRanger Pro, and our backup times have really been reduced,”

said Nair. “Our nightly backups have been reduced from 12 hours to 4 hours, and our weekly full backups have been reduced from 48 hours to 16 hours. The ExaGrid system has taken the pain out of our backups, and our network is no longer bogged down so things run more smoothly.”

Ability to Keep Six Months of Data On Site with Data Deduplication

Nair said that data deduplication technology was one of the main reasons Movius selected ExaGrid.

“We liked ExaGrid’s approach to data deduplication, which has proven to be extremely effective at reducing our data. Currently, we have over six months of data on our ExaGrid. It’s really wonderful to have that much data at our fingertips in case we need to perform a restore. We’ve also saved a considerable amount of money on tape and tape-related costs. In fact, we probably would have used 200 tapes just to back up the amount of data currently on the ExaGrid. The fact that we’ve reduced our tape usage not only saves us money, but a lot of time and aggravation too.”

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.

Scalability to Meet Future Needs

Smooth scalability was another key factor in Movius choosing ExaGrid.

“When we looked at the different solutions on the market, we looked closely at how scalable the systems were because our data is constantly growing,” said Nair. “The ExaGrid system is inherently scalable and will be able to meet our needs well into the future.”

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.

Top-Notch 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 in the system are fully supported by ExaGrid’s trained, in-house engineers dedicated to individual accounts.

“ExaGrid’s customer support is simply top-notch. Our support engineer is extremely proactive and the response to our inquiries is fast,” said Nair. “We’ve been very pleased with our ExaGrid system. It has cut our backup times, given us the ability to house six months of data onsite, and it has cut our tape and tape-related costs.”

ExaGrid and Vizioncore vRanger Pro

Vizioncore vRanger Pro is the recognized industry-standard backup and restore solution for virtualized environments.

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.

Administrators can schedule regular image-level backups of virtual or physical machines – while the machine is still running. Images can be stored locally in the SAN or sent as compressed files over a WAN to remote locations to support disaster recovery strategies.

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 instead 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.

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