



Movius Cuts Backup Times, Increases Retention with ExaGrid



USA

Key Benefits:

- Nightly backups reduced from 12 to 4 hours and Full backups reduced from 48 to 16 hours
- ExaGrid works with existing backup applications – Veritas Backup Exec & Quest vRanger
- ExaGrid reduced tape storage, saving time and aggravation
- Secured ability to house six months of data onsite

“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

Customer Overview

Movius is the leading global provider of mobile unified communications for the new world of work, offering productivity anywhere and compliance everywhere. Movius software and services integrate messaging, voice, and compliance into enterprise workflows which helps organizations like JP Morgan Chase & Co, UBS, Jefferies, BCG Partners, and Cantor Fitzgerald deliver better engagement for their clients. Enterprises around the world use the company’s all-in-one mobility platform to connect with their customers in more convenient, cost-effective and compliant ways. Movius is headquartered in Alpharetta, GA.

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 Veritas Backup Exec and Quest vRanger 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, 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 writes backups directly to a disk-cache Landing Zone, avoiding inline processing and ensuring the highest possible backup performance, which results in the shortest backup window. Adaptive Deduplication performs deduplication and replication in parallel with backups for a strong recovery point (RPO). As data is being deduplicated to the repository, it can also be replicated to a second ExaGrid site or the public cloud for disaster recovery (DR).

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 appliance models can be mixed and matched into a single scale-out system allowing a full backup of up to 2.7PB with a combined ingest rate of 488TB/hr, in a single system. The appliances automatically join the scale-out system. Each appliance includes the appropriate amount of processor, memory, disk, and bandwidth for the data size. By adding compute with capacity, the backup window remains fixed in length as the data grows. Automatic load balancing across all repositories allows for full utilization of all appliances. Data is deduplicated into an offline repository, and additionally, data is globally deduplicated across all repositories.

This combination of capabilities in a turnkey appliance makes the ExaGrid system easy to install, manage, and scale. ExaGrid's architecture provides lifetime value and investment protection that no other architecture can match.

Top-Notch Customer Support

The ExaGrid system was designed to be easy to set up and operate. ExaGrid's industry-leading level 2 senior support engineers are assigned to individual customers, ensuring they always work with the same engineer. Customers never have to repeat themselves to various support staff, and issues get resolved quickly.

"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 Quest vRanger

Quest vRanger offers full image-level and differential backups of virtual machines to enable faster, more efficient storage and recovery of virtual machines. ExaGrid Tiered Backup Storage serves as the backup target for these virtual machine images, using high-performance data deduplication to dramatically reduce the disk storage capacity required for backups versus standard disk storage.

ExaGrid and Veritas Backup Exec

Veritas Backup Exec provides cost-effective, high-performance backup and recovery – including continuous data protection for Microsoft Exchange servers, Microsoft SQL servers, 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 Veritas Backup Exec can look to ExaGrid Tiered Backup Storage for nightly backups. ExaGrid sits behind existing backup applications, such as Veritas Backup Exec, providing faster and more reliable backups and restores. In a network running Veritas Backup Exec, using ExaGrid 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 ExaGrid for backup to disk.

Intelligent Data Protection

ExaGrid's turnkey disk-based backup system combines enterprise drives with zone-level data deduplication, delivering a disk-based solution that is far more cost effective than simply backing up to disk with deduplication or using backup software deduplication to disk. ExaGrid's patented zone-level deduplication reduces the disk space needed by a range of 10:1 to 50:1, depending on the data types and retention periods, by storing only the unique objects across backups instead of redundant data. Adaptive Deduplication performs deduplication and replication in parallel with backups. As data is being deduplicated to the repository, it is also replicated to a second ExaGrid site or the public cloud for disaster recovery (DR).

About ExaGrid

ExaGrid provides Tiered Backup Storage with a unique disk-cache Landing Zone that enables fastest backups and restores, a Repository Tier that offers the lowest cost for long-term retention and enables ransomware recovery, and scale-out architecture which includes full appliances with up to 2.7PB full backup in a single system.

Learn more at www.exagrid.com.

