EXAGRID®

ExaGrid Delivers Seamless Five-Star Backup Solution for TECO Westinghouse

TECO Westinghouse

USA

Key Benefits:

- 50% time savings in managing and administering backups
- Seamless integration with Arcserve UDP & D2D
- Scale-out scalability eliminates concerns for growth
- ExaGrid system 'just works' earning five-star customer rating

"The initial setup was very easy. Since the ExaGrid system 'just works,' we rarely need to troubleshoot. If we ever have a question, our assigned engineer is readily available. ExaGrid is an awesome solution. I'd give it five stars!"

Joni Wadle
Network Administrator

Customer Overview

With over 100 years of experience in motor design and application, TECO-Westinghouse Motor Company is a premier supplier of AC and DC motors and generators. Headquartered in Round Rock, Texas, the company serves the petrochemical, electric utility, pulp and paper, water/ wastewater treatment, air conditioning, marine, mining and metals industries.

ExaGrid Integrates with Arcserve for Modern Solution

Currently, TECO Westinghouse is backing up over 50TB worth of information and using Arcserve Unified Data Protection (UDP). TECO estimates that 85% of its environment is virtualized. ExaGrid supports over 50 servers that are being backed up nightly with incremental and full backups.

TECO Westinghouse chose an ExaGrid two-site system to back up its databases and in-house applications. The ExaGrid system works with the TECO's existing backup application, Arcserve UDP. TECO's virtual and physical servers running the D2D client are being backed up to tape as a disaster recovery solution.

Efficient disk-based backup requires close integration between the backup software and the disk device. That is the advantage delivered by the partnership between Arcserve and ExaGrid. Together, Arcserve and ExaGrid provide a cost-effective disk-based backup solution that scales to meet the needs of demanding enterprise environments.

Arcserve UDP or D2D users may be surprised how quickly they can have their first backup running on the ExaGrid system. Many ExaGrid customers take only a few seconds to configure and are fully operational within 30 minutes.

Since installing the ExaGrid system, Wadle said that backup times have been reduced and the speed of restores has increased because of ExaGrid's tight integration with Arcserve.

50% Time Savings on Day-to-Day Backup Administration

"The ExaGrid system is self-sufficient; it just runs in the background. It's an amazing product and just does its own thing. I would estimate that I spend at least 50% less of my time managing and administering backup," stated Joni Wadle, Network Administrator at TECO Westinghouse.

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).

Simple Installation and Knowledgeable Customer Support

"The initial setup was very easy. Since the ExaGrid system 'just works,' we rarely need to troubleshoot. If we ever have a question, our assigned engineer is readily available. ExaGrid is an awesome solution. I'd give it five stars!" said Wadle.

The ExaGrid system is easy to install and use and works seamlessly with the industry's leading backup applications so that an organization can retain its investment in its existing backup applications and processes.

In addition, ExaGrid appliances can replicate to a second ExaGrid appliance at a second site or to the public cloud for DR (disaster recovery).

Easy to Use and Manage

With the combination of Arcserve UDP and ExaGrid disk- based backup, the daily management hassles of tape can be eliminated and expensive, complex VTL-based solutions can be avoided. The ExaGrid appliance fits easily into a backup environment behind an existing Arcserve backup server. Simply plug in the ExaGrid system behind the backup server and point the Arcserve backups to the ExaGrid appliance via a NAS (CIFS or NFS) share, and it is ready to begin executing backups. Once installed, backup management is made simple with ExaGrid's intuitive management interface and reporting capabilities.

ExaGrid and Arcserve Backup

Efficient backup requires close integration between the backup software and backup storage. That is the advantage delivered by the partnership between Arcserve and ExaGrid Tiered Backup Storage. Together, Arcserve and ExaGrid provide a cost-effective backup solution that scales to meet the needs of demanding enterprise environments.

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).

Scale-out Architecture Provides Superior Scalability

"As we grow, adding a new system is seamless. Scalability is never a concern anymore with ExaGrid," said Wadle.

ExaGrid's award-winning scale-out architecture provides customers with a fixed-length backup window regardless of data growth. Its unique disk-cache Landing Zone allows for the fastest backups and retains the most recent backup in its full undeduplicated form, enabling the fastest restores.

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.

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**.

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