ExaGrid Delivers Seamless Five-Star Backup Solution for TECO Westinghouse

CUSTOMER SUCCESS STORY

TECO Westinghouse

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Joni Wadle
Network Administrator
TECO Westinghouse

Key Benefits:

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

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 combines last backup compression along with data deduplication, which stores changes from backup to backup instead of storing full file copies.

ExaGrid has a unique landing zone where backups can land straight to disk without any inline processing. Backups are fast and the backup window is short. Deduplication and offsite replication occur in parallel with the backups. When a second site is used, the cost savings are even greater because ExaGrid's byte-level data deduplication technology moves only changes, requiring minimal WAN bandwidth.

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 was designed to be easy to set up and maintain, and ExaGrid's industry-leading customer support team is staffed

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by trained, in-house engineers who are assigned to individual accounts.

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

Arcserve Backup delivers reliable, enterprise-class data protection across multiple hardware and software platforms. Its proven technology — unified by a single, easy-to-use interface — enables multi-tiered protection driven by business goals and policies.

Organizations using Arcserve Backup can look to ExaGrid as an alternative to tape for nightly backups. ExaGrid sits behind existing backup applications, such as Arcserve Backup, providing faster and more reliable backups and restores. In a network running Arcserve Backup, 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 system for onsite backup to disk.

Intelligent Data Protection

ExaGrid's turnkey disk-based backup system combines high quality disk drives with zone-level data deduplication, delivering a disk based solution that is far more cost effective than simply backing up to straight disk. ExaGrid's patented zone-level deduplication reduces the disk space needed by a range of 10:1 to 50:1 by storing only the unique bytes across backups instead of redundant data.

Adaptive deduplication performs deduplication and replication in parallel with backups while providing full system resources to the backups for the shortest backup window. Adaptive deduplication delivers the fastest backups, and as data grows, only ExaGrid avoids expanding backup windows by adding full appliances in a GRID. ExaGrid's unique landing zone keeps a full copy of the most recent backup on disk, delivering the fastest restores, instant VM recovery, "Instant DR," and fast tape copy. And, as data grows, ExaGrid saves up to 50% in total system costs compared to competitive solutions by avoiding costly "forklift" upgrades.

GRID Architecture Provides Superior Scalability

ExaGrid's scalable GRID architecture will enable TECO Westinghouse to continue to expand the system as its backup requirements grow.

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

ExaGrid uses a GRID-based configuration, so when the system needs to expand, additional appliances are attached to the GRID, bringing with them not only additional disk but also processing power, memory, and bandwidth. This type of configuration allows the system to maintain all the aspects of performance as the amount of data grows. In addition, as new ExaGrid appliances are added to the GRID, the ExaGrid automatically load balances available capacity, maintaining a virtual pool of storage that is shared across the GRID.

About ExaGrid

ExaGrid provides backup storage with a unique landing zone and scale-out architecture. The landing zone provides for the fastest backups, restores and instant VM recoveries. The scale-out architecture includes full appliances in a scalable GRID and provides for a fixed-length backup window as data grows, eliminating expensive forklift upgrades. Learn more at **www.exagrid.com**.

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