



U.S. Capitol Visitor Center Installs ExaGrid Disk-Based Backup

CUSTOMER SUCCESS STORY



U.S. CAPITOL
Visitor Center

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Tony Daneshvaziri
IT Specialist

Customer Overview

The U.S. Capitol Visitor Center provides a welcoming and educational environment for visitors to learn about the unique characteristics of the House and the Senate and the legislative process as well as the history and development of the architecture and art of the U.S. Capitol. The U.S. Capitol Visitor Center is the newest addition to the historic Capitol Complex. At nearly 580,000 square feet, the Visitor Center is the largest project in the Capitol's more than two-century history and is approximately three-quarters the size of the Capitol itself. The entire facility is located underground on the east side of the Capitol so as not to detract from the appearance of the Capitol and the grounds.

Straightforward Installation with Automated Replication, Deduplication Maximizes Capacity

When IT specialist Tony Daneshvaziri began working at the U.S. Capitol Visitors Center (CVC), the ExaGrid disk-based backup system was in place but wasn't completely installed. The system had already been racked and mounted, so the remainder of the installation work was pretty straightforward. "It was very simple – there was nothing to it," he said.

At CVC, there are two ExaGrid systems. One is kept in the primary data center and the second one, located in another part of the building, is used for replication.

"Here at CVC, we use Veritas NetBackup as our backup application, which writes our backup data to the ExaGrid system." According to Daneshvaziri, a full backup takes about half a day to complete. He reports a high deduplication ratio with the ExaGrid system, the advantage of which is space savings.

ExaGrid Customer Support is 'Right There'

Daneshvaziri has found the system to be very easy to manage and says he receives good customer support from ExaGrid.



Having the ExaGrid system at CVC has been "a very good experience. We haven't had any big problems, but when we've had small ones, they've been resolved by customer support very fast," said Daneshvaziri. "Any time I call, our customer support engineer is right there."

ExaGrid's industry-leading customer support team is staffed by trained, in-house level 2 engineers who are assigned to individual accounts. The system is fully supported, and was designed and manufactured for maximum uptime with redundant, hot-swappable components.

Scalability to Grow with Data Growth

ExaGrid uses a GRID-based configuration, where each appliance contains not just disk but also processing power, memory, and bandwidth. When the system needs to expand, additional

Key Benefits:

- Simple installation
- Automated replication
- Support of existing backup application, Veritas NetBackup
- Superior deduplication maximizes capacity

appliances are simply attached to the GRID. This type of configuration allows the system to maintain all the aspects of performance as the amount of data grows, and you only pay for what you need when you need it. In addition, as new ExaGrid appliances are added to the GRID, the ExaGrid system automatically load balances available capacity, maintaining a virtual pool of storage that is shared across the GRID.

Easy to Install and Maintain

The ExaGrid system is easy to install and use and works seamlessly with all of the most frequently used backup applications, so an organization can seamlessly retain their investment in existing applications and processes.

In addition, ExaGrid appliances can be used at primary and secondary sites to supplement or eliminate offsite tapes with live data repositories for disaster recovery.

Intelligent Data Protection

ExaGrid's turnkey disk-based backup system combines enterprise SATA/SAS 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 fastest backups and, therefore, the shortest backup window. 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, VM boots in seconds to minutes, "Instant DR," and fast tape copy. Over time, ExaGrid saves up to 50% in total system costs compared to competitive solutions by avoiding costly "forklift" upgrades.

ExaGrid and Veritas NetBackup

Veritas NetBackup delivers high performance data protection that scales to protect the largest UNIX, Windows, Linux, OS X and NetWare environments. With complete protection from remote office to data center to vault, NetBackup offers a single console for all backup and recovery operations. Organizations using Veritas NetBackup can look to ExaGrid as an alternative to tape for nightly backups. ExaGrid sits behind existing backup applications such as NetBackup, providing faster and more reliable backups and restores. In a network running NetBackup, 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.

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.

United States: 2000 West Park Drive | Westborough, MA 01581 | (800) 868-6985

United Kingdom: 200 Brook Drive | Green Park, Reading, Berkshire RG2 6UB | +44 (0) 1189 497 051

Singapore: 1 Raffles Place, #20-61 | One Raffles Place Tower 2 | 048616 | +65 6808 5574



www.exagrid.com