



# U.S. District Court, Eastern District of New York Relies on ExaGrid to Protect and Serve Their Data



USA

## Key Benefits:

- Meets Federal 30-day retention requirement
- Tape versus ExaGrid 'no comparison'
- Bandwidth throttling limits daytime bandwidth usage
- Replication between two sites ensures data availability, provides reliable DR

**"For me it's about peace of mind, knowing that your data is there in case of any unforeseen issues or disasters. Our data is backed up every night, and it's been very easy for me as I don't have to administer the system on a daily basis."**

**Mark Sanders**  
Network Engineer

## Customer Overview

*The mission of the United States District Court for the Eastern District of New York is to support, defend and preserve the Constitution of the United States by providing an impartial forum for the just resolution of disputes. Their goal is to protect individual rights and freedoms, preserve judicial independence and promote public trust in the Judiciary of the United States of America.*

## ExaGrid Eliminates Tape and Provides Secure DR Solution

The U.S. District Court for the Eastern District of New York had been struggling with how to best back up and store its critical and fast-growing data for some time. The Court had been backing up to tape, but nightly backups had been taking too long to complete and backup management required too much effort, leaving little time for restores or maintenance. In addition, the Court was required to meet Federal compliance of a 30-day retention period.

The Court implemented an ExaGrid two-site system located in Brooklyn and Long Island. For DR, they use ExaGrid to replicate shares between both sites to ensure data is always available. The Court also uses Veeam as its backup application in conjunction with ExaGrid to do instant recoveries of their virtual servers.

"When I started here, we were using ExaGrid already, and we just recently upgraded to the EX21000E," said Mark Sanders, network engineer at the U.S. District Court, Eastern District of NY. "The transition to migrate all the data was seamless and very smooth. ExaGrid took back our old devices for a credit, so that brought our price down. I thought that was a great way of doing business."

"For me it's about peace of mind, just knowing that your data is there in case of any unforeseen issues or disasters. Data is backed up every night, and it's been very easy for me as I don't have to administer the system on a daily basis," said Sanders.

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).



## Straightforward Management

Moving from tape to a disk-based backup storage appliance has simplified things greatly for the Court.

"To be honest, I've only used tape previously, so this transition has been fantastic. There's really no comparison. I especially like the fact that I can throttle data during the day so it doesn't consume all our bandwidth, which is great! In addition, ExaGrid's deduplication optimizes our backups, always," said Sanders.

"I don't have to do much with the system. Our backups have been fast and reliable, and ExaGrid sends us a daily email that summarizes what's going on, which is helpful. I am always in the know."

## Easy to Set Up, Easy to Maintain

Sanders said that backups now complete much faster, and the company's backup team has been able to reduce the amount of time spent on maintenance and administration.

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).

"We don't have too many issues. If a drive goes down, ExaGrid quickly sends us a new one. The support team is attentive and even runs our upgrades for us. We really don't do too much with the backups – everything runs on schedule. The system is very reliable," said Sanders.

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.

## Scale-out Architecture Provides Superior Scalability

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 unduplicated 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.

## ExaGrid and Veeam

Veeam's backup solutions and ExaGrid's Tiered Backup Storage combine for the industry's fastest backups, fastest restores, a scale-out storage system as data grows, and a strong ransomware recovery story – all at the lowest cost.

## ExaGrid-Veeam Combined Dedupe

Veeam uses changed block tracking to perform a level of data deduplication. ExaGrid allows Veeam deduplication and Veeam dedupe-friendly compression to stay on. ExaGrid will increase Veeam's deduplication by a factor of about 7:1 to a total combined deduplication ratio of 14:1, reducing the storage required and saving on storage costs up front and over time.



## 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](http://www.exagrid.com).