



ExaGrid Tiered Backup Storage

Fastest Backups
 Fastest Recoveries
 Unparalleled,
 Cost-effective
 Scale-out
 Comprehensive
 Security and
 Ransomware
 Recovery

About ExaGrid Tiered Backup Storage

Backup Storage without Compromise – Solving the Backup and Recovery Challenge Forever

ExaGrid entered the disk backup with deduplication market in 2006. Since then, the company has revolutionized how organizations back up and protect their data. Its Tiered Backup Storage approach helps IT organizations solve two of the most pressing issues they face today: how to protect and manage an ever-increasing amount of data and how to do so at less cost.

The company has achieved this by ensuring that it addresses the following fundamental requirements:

- Provide the fastest performance for the shortest possible backup window
- Ensure a consistent backup window no matter how much data grows in the future
- Provide the fastest data recovery and VM boots
- Offer comprehensive security and recovery from ransomware attacks
- Provides most complete set of solutions for a site disaster recovery
- Deliver the lowest cost up front and over time.

Architectural Challenge

The result of listening to IT professionals, combined with the company's innovative thinking, is a unique scale-out backup solution that can scale to a 6PB full backup in a single system. Multiple systems can be deployed to backup up tens to hundreds of petabytes. As data grows the backup window is fixed-length. Other backup storage vendors use a scale-up architecture results in an every growing backup window, expensive and disruptive forklift upgrades and product obsolescence.

ExaGrid is the only Tiered Backup Storage with a disk-cache Landing Zone for backup and restore performance tiered to a long-term retention repository for cost efficiencies as well as a scale-out storage architecture that scales as data grows.

ExaGrid also employs a unique approach to deduplication that retains the most recent backup in its full unduplicated form. This enables the fastest restores, VM boots and offsite tape copies.

ExaGrid provides significant lifetime value and investment protection that no other architecture can match, allowing ExaGrid to make five vital commitments to its customers.

ExaGrid's 6 Commitments

- **Shortest backup window** – Because each appliance includes additional elements of performance, as data grows, disk, processor, memory and bandwidth grow at the same rate.
- **No backup window growth regardless of data growth** – ExaGrid's scale-out architecture handles data growth very differently than the scale-up architecture of all the other vendors. Each appliances is simply added into the scale-out system. As a result, as data grows Processor, memory, networking and capacity are all added to linearly scale.
- **Fastest restores, VM boots and offsite tape copies** – ExaGrid's unique disk-cache Landing Zone retains a full unduplicated copy of the most recent backup, which ensures that the most recent versions of backup data can be quickly restored or copied to tape without having to rehydrate the data.

- **VM instant recoveries in minutes** – ExaGrid’s disk-cache Landing Zone means that with ExaGrid that you can have the benefits of both instant restore and deduplication with no tradeoff. ExaGrid’s high-speed Landing Zone maintains a full copy of the latest backups in their original, unduplicated formats. This allows users to instantly recover and run a VM from the ExaGrid system if the primary VM is unavailable, enabling them to meet their recovery time objective (RTO).
- **Most complete set of solutions for a site disaster recovery** – ExaGrid offers a wide range of solutions for disaster recovery including: efficient and secure WAN replication, cross replication, hub and spoke typology across multiple data centers worldwide, tertiary multi-hop replication to a second private data center, 3rd party rented data center, 3rd party service provider or public cloud such as Microsoft Azure or Amazon AWS.
- **Lowest cost solution up front and over time with no forklift upgrades or planned product obsolescence, and a unique price guarantee** – Since the scale-out architecture adds computing power with capacity, you can match your appliance to your current needs, thereby keeping costs low. There are no forklift upgrades and no planned obsolescence as existing appliances will always work with new models. Furthermore, with our price guarantee, you will not pay more for any appliance other than the original price you paid for 5 years from initial purchase.

ExaGrid provides world-class customer support and with offices and distribution worldwide, the company serves a large list of customers across a wide variety of major industry sectors.