



ExaGrid® and PHD Virtual Backup

From Box to First Backup in Under 30 Minutes

DATASHEET



InfoWorld.com Awards ExaGrid ES
"Technology of the Year - 2013"



ExaGrid EX13000E Awarded
"2012 Products of the Year" Bronze



ExaGrid Wins
"Best Value for the Money"



ExaGrid Recognized as "Top Emerging Vendor" in Customer Interest

Simple, Quick and Cost-Effective Disk-Based Backup for Virtualized Environments

The partnership between ExaGrid Systems and PHD Virtual Backup provides a cost-effective disk-based backup solution that maximizes data reduction and scales to meet the needs of demanding enterprise environments.

Faster Backups, More Efficient Data Storage, and Better Disaster Recovery Protection

The combination of ExaGrid's and PHD Virtual Backup's virtual server data protection solutions allows customers to utilize PHD Virtual Backup in VMware vSphere and Citrix XenServer virtual environments on ExaGrid's disk-based backup system. This combination provides fast backups and efficient data storage as well as replication to an offsite location for disaster recovery.

The ExaGrid system leverages PHD Virtual Backup's built-in backup to disk capabilities and ExaGrid's zone-level data deduplication for additional data reduction (and cost reduction) over standard disk solutions. Customers can use PHD Virtual Backup's TrueDedupe™ built-in source-side deduplication in concert with ExaGrid's disk-based backup system with zone-level deduplication to further shrink backups.

In addition, customers can perform replication of backups to offsite storage for disaster recovery purposes without sacrificing performance of critical backup and recovery features. By combining the power and performance of PHD Virtual Backup's VMware vSphere and Citrix XenServer virtual machine backups and the ExaGrid appliance, customers can achieve backup and disaster recovery goals quickly and easily.

PHD Virtual Backup Instant VM Recovery from an ExaGrid Backup Appliance

ExaGrid and PHD Virtual Backup also offer the ability to instantly recover a VMware virtual machine by running it directly from the ExaGrid appliance in the event of a primary storage outage or other issue that causes the primary storage VM to become unavailable. This is possible because of the presence of ExaGrid's "landing zone" – a high-speed cache on the ExaGrid appliance that retains the most recent backups in complete form.

Using PHD Virtual Backup's Instant VM Recovery, ExaGrid and PHD Virtual Backup customers can run the VMware virtual machine directly from the backup on the ExaGrid appliance. Once the primary storage environment has been brought back to a working state, the VM running on the ExaGrid appliance can then be moved to primary storage for continued operation with zero downtime.



ExaGrid and PHD Virtual Backup

Scalability That Meets Your Business Needs

ExaGrid's unique approach to disk-based backup delivers unparalleled performance and scalability without requiring costly forklift upgrades as data grows. As your data grows, ExaGrid's scalable architecture enables you to simply plug in additional ExaGrid systems to create a larger virtual pool of storage rather than a series of isolated boxes. Performance scales with data growth since processing power, memory, and bandwidth are added along with storage capacity, and data loads are automatically balanced across all servers.

PHD Virtual Backup automatically recognizes this additional storage as well. Together, ExaGrid and PHD Virtual Backup enable your on- and off-site backups to grow with your needs without a lot of additional expense and ongoing configuration and management.

Getting Started

PHD Virtual Backup users might be surprised by 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.

It's a simple three-step process to point PHD Virtual Backup to ExaGrid's "plug-and-play" disk-based backup system:

Step 1: Turn It On

ExaGrid is an appliance. No loading software, no complicated assembly. Simply unpack it, rack it, and turn it on.

Step 2: Point and Click to Create a Share

Create share(s) on the ExaGrid system for PHD Virtual Backup using ExaGrid's simple web interface. No installation or lengthy configuration process is required.

Step 3: Create or Redirect Backup Jobs

Using PHD Virtual Backup, you can easily define the mount path to the ExaGrid appliance.

That's it for most installations.

PHD Virtual Backup: Backup That's Fast, Scalable, and Affordable



A Backup Architecture Purpose-Built for Virtualization

PHD Virtual delivers the highest performance and most scalable cross-platform backup solutions on the market. The award winning PHD VBA™ (Virtual Backup Appliance) Architecture delivers data protection that is simpler to deploy, more scalable and more affordable than competing products. The PHD VBA™ leverages virtualization to backup the virtual environment, removing the need to manage separate physical servers, additional software or agents that make other solutions slower, more costly and more complex.

A Completely Integrated Virtual Backup Appliance

PHD Virtual Backup provides better performance and scalability in an integrated virtual appliance solution that is more cost effective:

- Faster Backup with Granular Recovery Options
- Built-in Source Side Data Deduplication
- Integrated Data Integrity Verification
- Management Integration with vSphere client and XenCenter
- A Completely Virtual Solution Footprint

From 0 to High-Performance Backup in 5 Minutes or Less

Deploying PHD Virtual Backup is incredibly quick and easy. Since it is delivered as an integrated virtual appliance, you don't have to deploy, set up and configure servers, operating systems or additional software before you can use it. In fact you can get it up and running in five minutes or less with a few easy steps.