

IBM iSeries and LaserVault UBD Backups with ExaGrid



Storage Magazine Product of the Year Award: Gold Medal Winner

"ExaGrid remains one of the few vendors thinking about how a system grows with the customer. Kudos on taking it to the next level."



InfoWorld 100 Award Winner

"Being recognized for one of the most innovative IT projects of the year by InfoWorld is a great honor for GreenBank, we are very proud to have received this for our use of ExaGrid's disk-based backup technology."



Best Deployment Scenario Winner - Data Recovery

"ExaGrid's disk-based backup solution saves Gardner Trucking an estimated \$200K 24-hours after installation."

Gartner

ExaGrid Named a Gartner "Cool Vendor" in Data Protection

"Companies named 'Gartner Cool Vendors' are Innovative, Impactful, and Intriguing."

Disk-Based Backups with IBM iSeries, LaserVault UBD, and ExaGrid

IBM i (AS/400, iSeries & System i) users can quickly and efficiently back up their data on the most cost-effective and scalable disk-based backup system available on the market, using the LaserVault Universal Backup Device (UBD) as a gateway. By backing up to an ExaGrid appliance via a LaserVault UBD, IBM iSeries customers can gain improved backup performance, fast and reliable data restores, and rapid recovery from system or site disasters.

Fast, Simple, Disk-Based Backups

With the combination of IBM iSeries, LaserVault UBD, and ExaGrid disk-based backup with deduplication, you can achieve faster backups and store data in much smaller footprints. The LaserVault UBD presents a tape interface to the iSeries, converts the backup stream to NAS, and then sends the iSeries backup data to the ExaGrid appliance via a simple share mount using CIFS.

Easy to Install, Use, and Manage

The ExaGrid appliance fits easily into your backup environment behind your existing backup server. For IBM iSeries backups, simply plug in the ExaGrid behind the LaserVault UBD and point your IBM iSeries backups to the ExaGrid appliance via the LaserVault UBD, and you are ready to begin executing backups. Many ExaGrid customers are able to go from box to first backup in less than 30 minutes. Once installed, backup management is made simple with ExaGrid's intuitive management interface and reporting capabilities.

Fast Backup and Restore Performance

Moving from tape to a disk-based backup appliance from ExaGrid can reduce backup times from 30% to 90%. In addition, the ExaGrid appliance keeps the most recent

backup intact in non-deduplicated form, ready to be rapidly restored when needed, which is very handy when you need to get someone their data back right away.

Superior Scalability with No "Forklift" Upgrades

With ExaGrid's grid-based architecture, each appliance in the system brings with it not only additional disk, but also additional memory, bandwidth, and processing power – all the elements needed to maintain high backup performance. This keeps your backup window short as your data grows, as growth is accommodated by simply adding additional appliances to the grid. There is no need to replace less powerful appliances with more powerful ones – no forklift upgrades – you simply add more appliances to the grid as suits your needs. You get the shortest possible backup times, with the ability to easily keep those times short as your data grows over time.

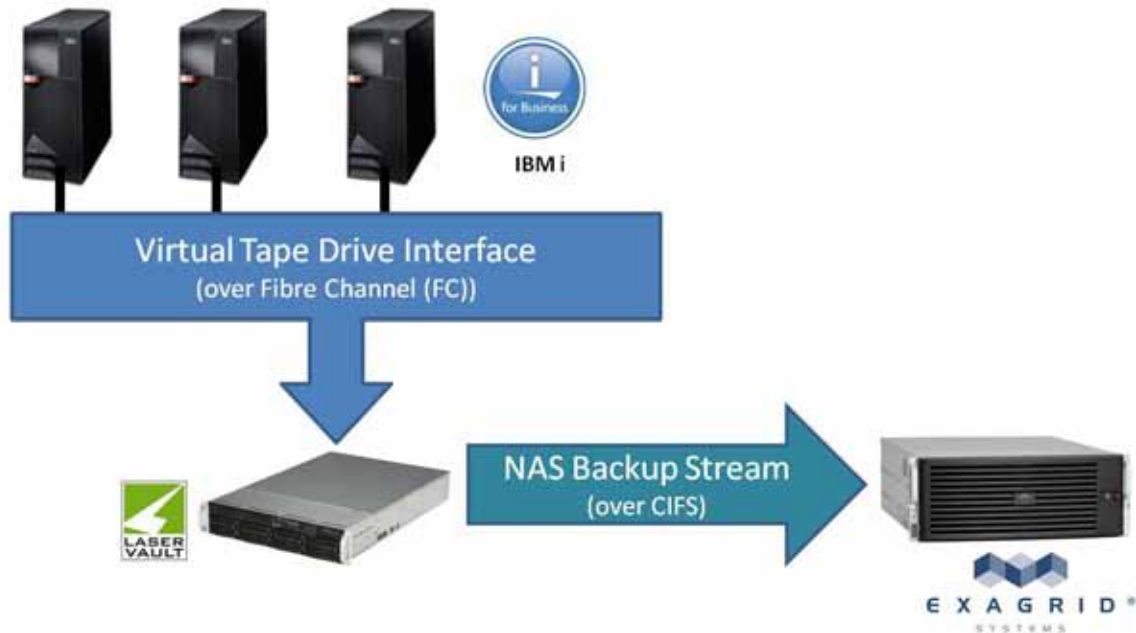
WAN Efficient Method to Move Backups to Off-Site Disk

The costs and hassles of handling, transporting, securing and storing tapes at offsite locations for disaster recovery was once a necessary evil. When backing up IBM iSeries to an ExaGrid appliance via LaserVault UBD, however, organizations can eliminate or greatly reduce the need to restore from tape, even when the restore is coming from an offsite copy of the backup data. ExaGrid's disk-based backup with deduplication not only saves capacity for storing backups, but also it greatly increases WAN efficiency when transferring a copy of that data to an offsite location for disaster recovery protection. A secure connection assures data integrity while also alleviating hours of manual handling of tapes to and from locations.



ExaGrid® Cost-Effective Disk-Based Backup™

ExaGrid with IBM iSeries and LaserVault UBD



To back up data from an IBM iSeries (AS/400), install the LaserVault UBD with a fibre channel (FC) connection to your IBM iSeries systems and connect the LaserVault UBD to the ExaGrid via a CIFS share mount. You can then perform backups and restores either via a scripting solution or with a backup tool such as BRMS. The LaserVault UBD acts as a tape drive interface to which iSeries backup data is sent; the backup stream is then converted to a NAS interface and is sent to the ExaGrid via a CIFS share mount. You can also use ExaGrid's replication capability to maintain an offsite copy of your backups and further reduce the need for tape in your environment.

About LaserVault

The LaserVault Universal Backup Device™ (UBD) is a FC-connected appliance that appears as a tape device to your IBM I (iSeries, AS/400) host, or to your Windows server. This means you can replace your tape drive with UBD™ and continue to back up and restore via BRMS, Robot/Save or any other backup software package without programming or CL changes. The only difference to the operator is that instead of getting up to retrieve and load one or more tape cartridges, you can use the UBD™ browser-based interface to create and load a new tape image file before backup.

About ExaGrid

ExaGrid is the leader in cost-effective disk-based backup solutions. A highly scalable system that works with existing backup applications, the ExaGrid system is ideal for companies looking to quickly eliminate the hassles of tape backup while reducing their existing backup windows. ExaGrid's innovative approach minimizes the amount of data to be stored by providing standard data compression for the most recent backups along with zone-level data deduplication technology for all previous backups. Customers can deploy ExaGrid at primary and secondary sites to supplement or eliminate offsite tapes with live data repositories or for disaster recovery.

