![StorTrends logo - Performance Storage. Proven Value.]

StorTrends Solutions for Disk-Based Backup/Virtual Tape Library (VTL)

Protecting a company's data is the primary goal for most IT Admins. Finding the right solution for the data protection can be a challenge. There are various vendors and numerous products available. This helps drive down the cost for backup solutions but it also creates more options with decisions involving compatibility and reliability.
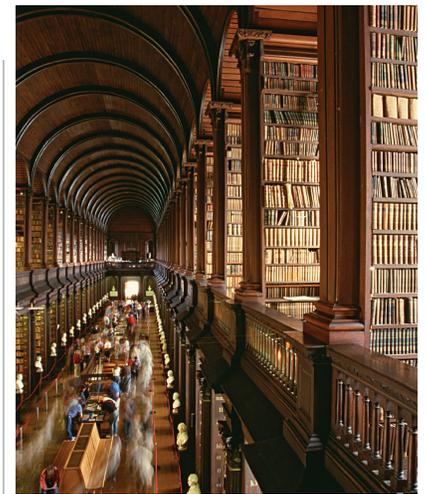
Most IT Admins have a backup plan already in place. However most would agree that the backup plan could be simplified and improved. Simplifying a backup plan while maintaining the RPO's (Recovery Point Objectives) and RTO's (Recovery Time Objectives) under budget is a major concern.

StorTrends offers efficient and budget friendly disk-based backup and VTL solutions. Enterprise class features such as advanced snapshots, replication and data archiving allows StorTrends to backup and protect data. Not only does data need to be preserved but it also needs to be stored securely. Data needs to be readily accessible even if the backup media is stored offsite. In the event that data is required to be reloaded into the system the organization must be certain that uncompromised data can be accessed in a timely manner. In response to the security and integrity concerns over strict D2T backup, many corporations are gravitating away from tape. Organizations are doing this by either by integrating disk-based storage into their tape backup solutions or by completely eliminating conventional tape backups and backing up directly to disk. This type of backup solution is known as disk-to-disk (D2D) and by adopting it the limitations of conventional tape backups can be overcome to a certain degree. Disk-to-disk (D2D) backup moves stored data to a separate disk-based appliance which is commonly done over a network connection.

For organizations not yet ready to migrate away from tape based back up, another option is D2D2T (Disk-to-Disk-to-Tape). D2D2T helps IT Admins improve data protection while eliminating the need for a dedicated backup server and allowing for near-continuous data protection. StorTrends offers some of the most advanced snapshot capabilities allowing administrators to simplify backup execution while ensuring faster and more reliable data backup and restoration. With StorTrends, backup windows can be dramatically reduced and in some cases be eliminated altogether. StorTrends snapshots capabilities can significantly minimize backup window time.

For customers that already have a backup server (BUS) and backup software in place, the StorTrends appliance can be projected as a Virtual Tape Library (VTL). Data is moved onto disks in the same manner as a traditional tape library. The main purpose is to consolidate the data and speed up the restoration processes.

Organizations can simplify their backup and restore procedures by deploying

Key Benefits:

• Instantaneous file/data recovery with SnapTrends
• Reduce backup windows and data vulnerability
• Compression, dedupe and WAN optimization for DR efficiency

"The tape backup approach became a bottleneck, so we created a rotating schedule to backup different apps on different days. The StorTrends product, with its easy and intuitive GUI, makes SAN storage simple. You didn't have to have an engineering degree to create volumes in StorTrends. It's done in just a few clicks. And with a few more clicks, you've got that same volume replicated offsite for secure and safe backup"

- Tom Flood, IT Manager, Advanced Motors and Drives (AMD)

disk-based backup and by taking advantage of falling disk prices, increased disk capacity and spindle performance.

Some of the benefits that organizations can realize by utilizing disk-based backup features include:

• Primary storage, backup disk volume and tape provisioning from a single appliance
• Tape device sharing among multiple backup servers
• Simplify Backup and Recovery
• Shrink or eliminate backup windows without affecting performance
• Improve Recovery Point Objectives while decreasing Recovery Time Objectives
• Minimize system and application downtime
• Eliminate performance degradation
• Reduce tape restores
• Ensure faster and more reliable restores
• Simplify growth and data management by consolidating to one backup repository
• Simplify security while increasing availability

Date is the information that businesses thrive on. Traditional approaches to its protection are not always efficiently able to keep pace with explosions of growth. Recent innovations solve the complexities associated with ensuring simplicity and efficiency of business data protection tasks. Utilizing StorTrends products for backing up data in any environment will ensure for a secure and seamless process.

"I've worked in IT for about 12 years, and I've never had that quality of support before. It's the way other companies need to look at operating. "

- Jerrod McKee, Systems Engineer, McLeod Addictive Disease Center

"In my 14.5 years of IT experience, I have only dealt with one other company that has consistently provided top-notch support, not only from a help desk perspective, but also access to the engineering group for tailoring a workable solution within our company. Support issues were quickly responded to, and support always saw to it that a full incident follow up was made. "

- Mike Schmidt, Sr. Systems Engineer, Walgreens

American
Megatrends

American Megatrends, Inc.
5555 Oakbrook Parkway, Building 200
Norcross, GA 30093
Email: StorTrendsSales@ami.com
Phone: 1-800-828-9264
Web: www.stortrends.com