

Data Integrity Services

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“BUSINESS CONTINUITY”

TOP 10 LIST – “THE BENEFITS OF DISK OVER TAPE”

With almost a 50% failure rate, there is little wonder why Tape is rapidly being replaced by Disk.

1. More Durable

Disk-solutions are becoming more attractive now that the cost is lower and the lack of durability in Tape is more apparent. In comparison to Disk, Tape-based solutions are physically delicate and, thus, easily compromised by environmental factors such as heat, humidity, and magnetic interference. Tape cartridges also must be replaced regularly (every 6-12 months). As a result, Tape’s innate sensitivity contributes to high failure rates, with analysts estimating that anywhere from 42 to 71 percent of Tape restores fail. Disk provides a more reliable option that minimizes data compromising, withstands overwriting, and ultimately better safeguards your data.

2. More Efficient

Data is backed up to Disk much faster than Tape, which translates to less impact on production server availability. With frequent backups conducted daily, recovery time is also reduced from hours to minutes. In addition, our Disk-based solution offers a virtual server component that allows companies to continue conducting business as usual while our engineers fully recover the failed server. Time is of crucial consideration for any business, because each hour of server, application, and network downtime endured during the restoration process comes at a high cost. This loss in productivity and revenue especially impacts smaller businesses. Disk-based solutions reduce the time you spend in recovery and can even troubleshoot problems before a failure occurs.

3. More Frequent Backups

Our unique volume snapshot technology tracks changes from one scheduled point-in-time backup to the next, which can occur as often as every 15 minutes. These fast and efficient incremental backups consist of only the changes that have taken place between each point-in-time.

Therefore, with multiple restore points, our Disk solution provides complete system protection from accidental deletion to complete server failure.

4. More Reliable

As a more steadfast medium than Tape, Disk is less prone to error by providing snapshots of data changes to efficiently locate lost data – all of which translates to fewer failed recoveries. Incremental backups are also compressed and encrypted daily to

minimize storage space, maximize security, and simplify management. Thanks to our disk-based backup system, our solution can also act as a virtual server during server failure, which will help get your business back up and running in under an 1 hour.

5. More Secure

Historically, Tape encryption has been too costly for SMB. As a result, Tape is rarely encrypted and, thus, more prone to theft. Disk-based options offer lower cost encryption to secure your data. Specifically, our Disk solution protects your entire system, including: Windows operating systems, applications, configuration and settings, critical data, and utility partitions. We also provide secure off-site locations for storage.

6. Built-in and Off-site Storage

To properly safeguard your data, it should be stored in multiple locations. Bulky Tape libraries require a lot of physical space for storage and include labor-intensive transportation to off-site

locations. Disks, on the other hand, are transferred automatically. So they take up less space and, thanks to encryption, are less prone to corruption in transport. Our solution also offers the option of storing your data at two secure off-site locations, one on the east coast and one on the west coast, to fully protect your business from critical data loss.

7. Less Search Time

Unlike Disk, Tape is stored linearly. Therefore, you have to start at the beginning and go through all of your stored data in order to find the content you need. By providing a direct image of your hard drive, Disk operates more effectively, more efficiently and greatly reduces the time lost searching for data. What could take hours or even days with Tape only takes minutes with Disk.

8. Monitored & Managed For You

Installing Disk technology eliminates the manual functions of constantly changing tapes

9. Significantly Reduces Server Downtime

Physical back-up & restoration process have proven to be expensive due to days or even weeks' worth of server downtime with Tape-based systems. With Disk, you can now conduct backups anytime, day or night, without the need of a backup window. You can also provide data recovery at a much faster rate. Therefore, a Disk solution eliminates Tape's crippling lull in productivity.

10. More for Your Money

A fully equipped Disk-based disaster and recovery solution now costs the same as what you are currently paying for your Tape system. The difference is that our Disk solution includes the added benefit of providing a complete business continuity plan all for the same price. In addition to Disk backup, our solution will:

- o Safeguard data from downtime to disaster
- o Minimize loss in productivity
- o Backup data as frequently as every 15 minutes
- o Duplicate and store critical data securely off-site
- o Monitor and manage your business continuity solution for you

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