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Dell TL-2000 is a smart tape library for your LTO tape devices by Rob Miller

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Tax documents, client information, E-mails, sales record and all other types of data have intrinsic value for your business. If you fail to access this data with consistency, reliability and at a faster rate, then this can affect your business revenue. It would be total disaster if the data is lost. Hard drives are sensitive and do not ensure long term reliability. On the other hand, viruses, software malfunctions and operating errors can tamper this data. The ideal solution for this problem is backup storage.

Tape libraries offer more convenience, efficiency and allow fast automated operations, while occupying less physical space. Dellâ€™s superior technical excellence in tape industry and high-quality devices has made it the data administratorsâ€™ top choice. Dell has robustly engineered a super-fast TL2000 library that provides robust security to the data centers of midsized businesses & small companies. With best-in-class performance, total ownership cost and durability, the users of PowerVault TL2000 library can outperform their rival companies.

This library allows rack-mount configuration and provides exceptional flexibility to the customers regarding tape media and drives. You can connect the latest LTO5 generation of industry-leading Linear Tape Open (LTO) format. Additionally, two more LTO versions are compatible including LTO-4 tape and LTO-3 tape. With such exceptional media choice, the organizations can meet their ever-increasing demands and robust security concerns in a cost effective manner.

This Dell library connects up to 2 half-height or a single full height drive. It can accommodate a maximum of 24 media tapes. All of these tremendous tape resources can be seamlessly packed within a small 2-U rack space. IT managers will be amazed to know that within such small footprint, TL2000 library preserves a staggering 36.0 TB native & 72.0 TB compressed data volume. So, the storage-intensive companies would not have to increase the data center space, and the high-volume backup operations can be efficiently managed.

Data files can be encrypted with LTO5 & LTO4 drives. The LTO3 drives do not feature this functionality, but W.O.R.M (write-once, read-many) is available in all these LTO ultrium versions. In order to improve the automated performance, Dell has incorporated a smart robotic system that moves the tape cartridges. This increases the data reliability and saves more time, because the human interventions are significantly reduced.

Dell has tested the performance of library with the leading backup software, which has attracted the value-conscious customers to invest in this backup system. Data transfer speed of TL-2000 library reaches 1008 GB/hour. So, backup data files at a faster rate and save more time. Performance and efficiency of robotic media management system is complemented by the bar-code reader. This enables the library to quickly track the data files, and work smoothly with the advanced backup software. Another benefit of LTO tape drives is that they can read previous two generations and write data on its predecessor. Therefore, the customers can seamlessly connect to the various other LTO systems and share/backup their precious data assets. The SMBs buckled under the challenges of fast-growing data should install this efficient tape library.

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