



Article Side

Dell TL-2000 Tape Library Supports the Market-Leading LTO Ultrium 3 Ultrium 4 and LTO 5 Formats by [Rob Miller](#)

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To succeed in today's internet-driven business world, you have to ensure fast data access and improve your business response time. Ongoing backup storage and robust data security are crucial for business continuity. On the other hand, the corporate databases are growing at a rapid rate and the government data retentions laws have also intensified over the past decade. All of these challenges have increased burden on data administrators.

To help data administrators satisfy these enormous challenges, Dell has developed the high-speed PowerVault TL2000 tape library that offers superior cost-efficiency, smooth scalability and unmatched automated backup performance. Dell TL-2000 library provides an economical and reliable solution for I.T managers to backup and secure the rapidly-growing data volumes in a small footprint.

Dell TL2000 library supports the world-renowned Linear Tape Open (LTO) format, which features a solid roadmap and unique multi-vendor interoperability. Drives and tapes based on LTO ultrium 5, LTO4 and LTO3 formats can be connected to the compact PowerVault library. Dell TL2000 library offers the perfect capacity (72TB compressed) and superior backup performance for mid-sized organizations that require user-friendly and low-cost automated backup solution.

The compact design architecture enables the Dell library to hold massive data in a small 2-U rack space. The library can hold up to 24 LTO media tapes. Additionally, you can attach two half-height or a single full-height drive. Maximum data throughput speed achieved by TL-2000 library is 1008GB per hour (with two LTO5 drives) and 504GB per hour (single LTO-5 drive), making it a streamer ideal for busy data centers.

LTO3 media tape format has been ideally designed to support the demanding challenges of small to midrange backup environments. As LTO is an open standard, you have the luxury of multi-vendor interoperability. Major LTO3 tape brands that are trusted for their exceptional durability and superior performance are 15539393 (Fuji), 24R1922 (IBM), MR-L3MQN-01 (Quantum), 0HC591 (Dell), LTX400GWW (Sony), 17532 (Imation) and C7973A (HP).

Dell PowerVault TL2000 library addresses the demands of an exceptionally wider array of storage area networks and servers. Data can be stored in encrypted form with LTO5 and LTO4 drives. Another advantage of LTO ultrium tape drives is that they come standard with two-generation backward read-compatibility and full write/read compatible with its predecessor. This remarkable capability provides customers superior storage value with the perfect balance of cost-effectiveness and reliability they need in securing the voluminous sensitive data.

Thanks to the automated backup/recovery processes, the human involvement is significantly reduced thus resulting in efficient data management. The I.T staff won't have to swap the tape cartridges, because Dell has introduced an advantageous robotic system to automatically move the tapes. Furthermore, efficient media management is ensured by the special bar-code reader and optical cartridge-location mechanism.

Remote web management is another powerful and advantageous feature that allows I.T staff to monitor library operations, manage and upgrade firm-ware, check the media performance and perform setup through a web interface. These breakthrough features and modern design enables the IT managers to reduce the infrastructure complexity, ensure long term data preservation, lower

the operational expenses and handle the pressure of growing data volumes.

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Rob Miller is the Marketing Manager of Tape4backup and markets Dell a [0HC591](#) and Fuji a [15539393](#). He has vast experience in the marketing and trading industries and has been helping buyers who have the backup needs and guide clients about the technology.

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