Fast Growing Businesses Use LTO Ultrium 5 Tape for Backup Solution by Cross Roads

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Internet has changed the work culture for almost every companies, be it the medium and small companies or the large enterprises. In fact, it has shifted their business processes. And with the advent of Internet, data storing has become a matter of ease. However, it has also increased cybercrime dramatically. As a result, the IT managers are as much concerned about robust data security as about in-time data availability. The solution came as LTO or Linear Tape-Open. This magnetic tape data storage technology, which was originally developed in the late 1990s, is an open standard alternative of the proprietary magnetic tape formats. Companies like IBM, Hewlett-Packard, and Seagate initiated the LTO Consortium. The latest Linear Tape-Open technology Ultrium can now hold 1.5 TB of data in a cartridge, which used to 100 GB of data earlier. Thus, changing the history of data-storage altogether.

The latest version of Linear Tape-Open 5 tape is the best possible solution for data-rich companies to meet their stringent demands of data â€“storage, security, and in-time delivery. As an open tape format, LTO is available through various vendors. In fact, several big brands like Sony, Dell, Verbatim, Maxell, Fuji, Quantum, and Imation are now offering LTO ultrium 5 tapes. The result is an enhanced media choice, where customers can avail high-quality LTO devices at much competitive prices.

The LTO ultrium 5 tapes have both native and compressed capacity in terabytes. This is the first generation LTO to offer this feature. The Linear Tape-Open 4, the previous generation had 1.6TB capacity in compressed mode. The latest Linear Tape-Open ultrium 5 boasts of its 3TB compressed capacity and 1.5 TB native capacities. This has remarkably increased the recording capacity; thus, reducing the data set required to copy high volumes of data. As a result, the IT people of companies (big and small) can manage data storage efficiently and reliably.

One of the market leading Linear Tape-Open products is the HP LTO 5 tapes. This product supports various complex data centers, popular servers, medium sized organizations, management information systems, data centers, enterprise class applications, and business enterprises. It includes strong data protection features such as WORM and data encryption. Better yet, this latest Linear Tape-Open technology includes a much-better dual media partitioning system features, simplifying large databases storage and management. In addition, the LTO 5 drives 15% faster than the previous generation Linear Tape-Open 4 drives. The latest tape products offer uncompressed speed of 140 MB/s, while the previous generation had a speed of 120 MB/s. All this features of LTO 5 allow the users to manage huge data volumes efficiently and with superior reliability.

LTO ultrium 5-tape system can be used as a traditional USB flash drive with the help of Linear Tape File System or LTFS technology. Customers simply need to copy-paste the data to the Linear Tape-Open 5 tape from their drive and vice versa. LTFS technology also offers drag and drop facility to transfer data files, making it flexible and convenient to use even for large database. LTO and LTFS technologies have also reduced the cost of database maintenance reasonably low.

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Crossroads StrongBox is designed to address the need for a low cost and highly reliable a LTO 5 LTFS, presenting itself as traditional network-attached storage-NAS while leveraging the new a LTFS.

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