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Dell LTO 3 Backup System Allows Seamlessly Scalability and Features Backward Compatibility by Rob Miller

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Organizations have to comply with the rapidly-increasing government & industry regulations that demand long term data retention. Failure to meet these stiff mandates can result in hefty financial penalties. So the most important strategy for organizational sustainability is data security, and that is why the organizations rely heavily on backup storage systems, which ensures ongoing success. LTO ultrium tape continues to be the most intelligent and cost-effective technology for backup storage. It is an open tape-based format and the leading backup media manufacturers have included it in their portfolio.

Dell, the global technological expert in tape storage, is the amongst the most popular LTO brand. Dell LTO3 tape is a smart choice for budget-constrained SMBs seeking an economical and high-speed solution to secure their growing data assets. Additionally, it also delivers excellent performance with enterprise-class applications. Dell LTO ultrium-3 cartridge seamlessly squeezes 400/800GB information. This is a 100% enhancement as compared to LTO 2 media tape cartridge.

Compatibility limitations have been removed with the introduction of high-speed LTO3 drives featuring the compact form factors (full-height and half-height). Dell LTO-3-060 drive is based on the slim half-height architecture, and LTO-3-080 represents the full height drive. These two drive architectures help reduce infrastructure complexity, while providing excellent support to the advanced computing systems. These drives are energy efficient and feature a durable write/read head.

Compatibility of LTO tape cartridges and drives among different brands allows seamless backup operations and data sharing in a heterogeneous LTO environment.

Sony LTO3 tape, part number LTX400G, is also the industryâ€™s best selling backup cartridge that offers exceptional resistance against harsh working conditions.

The most attractive feature that makes Dell LTO 3 tape system superior to other backup technologies is the compatibility with three tape versions. Dell LTO3 drives are intelligently engineered to perform read-operations with LTO ultrium 1, LTO ultrium 2 and LTO3 tapes. Another remarkable feature is the ability to seamlessly write data on LTO2 tapes. So the LTO customers can continue using their previously installed tape resources and enjoy the improved capacity and performance of Dell LTO3 solution.

For long term data security, you can take advantage of the WORM functionality, which puts a stop to data alterations/erasures. As you store data onto the WORM cartridge, it cannot be modified. This innovative technology has been introduced to help address the regulatory compliance demands.

Exceptional robustness of Dell LTO tapes provides customers the benefit of media storage at remote sites. So you can easily recover the data files if there is an on-site disaster. In addition, their durable base film allows un-interrupted backup operations and reduces media wear-and-tear. So their extended working life will further lower the media replacement cost, which is important in fast-growing business enterprises.

Organizations that choose Dell LTO ultrium 3 tape system will not experience any difficulty in managing their rapidly-growing data amounts, because they can seamlessly up-grade their system to the next generation LTO4 and LTO-5 tape technologies. So with the proven reliability and

performance of Dell LTO solutions, IT managers can enjoy peace of mind.

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Frank Miller is the Marketing Manager of Backuptape and markets a Dell LTO3 tape and a LTX400G. 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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