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The 21st century enterprises demand higher storage capacity, ultra high transfer rate, long term durability and highly compatible backup technologies.

LTO ultrium tape format is the right medium that efficiently serves the exploding backup demands of enterprise computers, network servers and other data rich environments. Seagate, Hewlett-Packard and IBM are the co-developers of this high performance LTO format. LTO backup tape format is intelligently designed to satisfy the increasingly complex backup requirements of demanding enterprises.

I.T managers of leading companies trust Dell's industry-leading backup solutions to keep their valuable data assets safe. Dell LTO3 tape is the best optimal data protection solution that incorporates robust and advanced features to assure long term reliability and satisfaction of rigid data retention legislations. Dell offers you a complete LTO3 backup solution, which has established new benchmark for data security, performance and affordability.

For the perfect balance of backup performance & value, Dell LTO-3 data tape offers higher recording capacity of 400 GB (un-compressed). In-time data availability is crucial for business sustainability and prosperity. That's why Dell has improved the performance level of its LTO-3 ultrium drives to 288 GB/hour.

Higher recording performance of Dell LTO-3 drives enables them to deliver unbeatable performance in video & audio broadcast applications.

Dell LTO-3 tape format's WORM (write once, read many) technology provides secure and reliable data backups for organizations charged with adhering to the stiff data regulatory and legal procedures. Data recorded on a WORM enabled cartridge cannot be modified or re-written, making it the perfect tape technology for regulatory compliance.

Dell also manufactures SDLT tape cartridges that provide up to 300 GB of un-compressed recording capacity.

Critical information about the data tapes is required by the tape drives. For LTO ultrium tapes, this vital information is recorded in a small built-in memory chip called the LTO CM (cartridge memory).

Following information is stored by the LTO cartridge memory:

- Tape directory which allows high speed searching for data sets.
- Type of tape cartridge, whether it is WORM enabled or a non-WORM cartridge.
- Critical information that is utilized by the tape drive for setup and calibrate.

Dell ultrium LTO-3 drives provide enhanced media compatibility with the prior LTO generations. Write & read operations can be performed on LTO 2 cartridges, and read only operations with LTO 1 tapes. So the previous technology investments will also be protected and will give you more media choice. Competitively priced Dell LTO3 drives are carefully engineered to deliver remarkably low cost per GB with exceptional value.

Dell-branded LTO ultrium cartridges are:

Dell ultrium LTO-3 tapes

0HC591

341-2647

Dell LTO2 tape

340-8701

Dell LTO1 tape

09W084

Dell LTO4 tapes

341-4640

341-4647

Read-write errors can be minimized by using cleaning tape cartridges. Regular use of cleaning cartridge ensures long term reliability. Dell 310-5084 cleaning cartridge is specially developed to work with all versions of LTO drives.

Innovative "digital speed matching" system plays a vital role in reducing back-hitching. The Dell LTO 3 drives adjust their data rate to the host system's transfer speed, thus resulting in improved data reliability and tape longevity.

Dell LTO 3 tape technology provides complete peace of mind through economical data backups and robust data security.

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