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Quantumâ€™s High Performance Backup Tape Solutions Engineered for Efficient Performance in SMB Environment by Rob Miller

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Nowadays, there is a vital need for backing up organizational data. Businesses share their sensitive information and online databases have heightened the risk of malicious data corruption and viruses. These are the external threats, whereas the data is also vulnerable to accidental over-writings, hardware failure and onsite destruction (fire, flood etc.). Therefore, IT managers create copy of this valuable data that ensure uninterrupted business operations and satisfaction of Bank Secrecy Act, Sarbanes-Oxley and similar kind of other government legislations.

Quantum brings you the finest range of world-class backup solutions that are robustly engineered and are deliver the best performance. E-commerce has revolutionized the business world and attracted the SMB customers from all over the globe. Good news is that Quantum has the richest portfolio of backup solutions that are efficiently fulfilling the fast-growing needs of SMBs.

Quantumâ€™s best selling tape solution is DDS (Digital Data Storage). It offers multiple generations, and cost-efficiently handles the heavy duty cycles and time-critical enterprise applications. It secures the midrange servers and performs excellently with the advanced host systems in SMB environment.

Quantum DDS products are carefully engineered and their performance exceeds the strict DDS specifications. The drives not only read/write the current DDS generation tape, but also fully support their predecessor. The tapes are compact and will support the fast storage/retrieval needs. The Quantumâ€™s durable DDS tapes are:

MR-D6MQN-01, DDS6 cartridge

CDM72, DDS5 tape

CDM40, DDS4 tape

CDM24, DDS3 cartridge

LTO (Linear Tape Open) is the other popular tape-based solution from Quantum that has gained immense success. The LTO ultrium tapes offers the best storage value as they can be operated not only with the LTO drive of similar brand, but other compliant LTO drive brands as well.

So the users wonâ€™t have to replace the LTO drives for restoring and backing up data to multiple LTO tape brands. In this way, data sharing across different LTO environments becomes easier and you can maximize the value of your LTO tape investments. All five LTO generations offer backward compatibility that allows the companies to achieve higher performance and storage efficiency at a low cost. Itâ€™s newest generation, LTO ultrium 5, stores a remarkable 1.50 terabytes of raw data. LTO 5 driveâ€™s ultra-high 280MB/s data transfer speed reduces backup time, whereas the built-in 256 bit encryption system protects your precious business documents.

At the end, we will look at another high-performance tape solution, known as SDLT (Super Digital Linear Tape). SDLT-320 is the Quantumâ€™s first generation tape drive, whereas SDLT600 is the second generation. SDLT2 media tape backups 300GB/600GB data. Quantum has introduced new innovative MP (Metal Particle) technology to enhance the smoothness and archival life of SDLT2 tapeâ€™s base film. Moreover, the protective coating reduces media wear-and-tear. In typical office

environment, these SDLT2 tapes withstand an impressive 1,000,000 head passes. The SDLT drives enable flexible configuration with their impressive range of rack mount, external and internal models.

Quantum is trusted by millions of IT managers, and you can handle the burden of advanced backup applications, long term archiving needs and robust data security.

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Frank Miller is the Marketing Manager of Backuptape and markets a highly reliable and a offers. 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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