Quantum Low-Cost and Intelligent DDS4 CDM40 Backup Tape System

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IT professionals have realized that it is very difficult or you can say almost impossible to ensure 100% restore integrity in todayâ€™s busy data centers. Migration to E-business has revolutionized operations in modern IT environments as they have to operate 24x7x365. Data integrity can be affected by unintentional over-writes, viruses and hardware failures. Therefore, periodic data backups have become a fundamental operation in all types of organizations.

Before the advent of 21st century, backup storage solutions were mostly used by the companies in North America and Europe. But the market of backup storage solutions has expanded astoundingly over the past decade. The reason is rush to E-commerce. Brazil, Malaysia, India, Turkey, U.A.E and many other emerging countries are competing at global level and are giving tough time to the veterans in business industry. Not only the large enterprises in these countries are installing backup systems, but the midrange and small industry are also improving their standards.

DDS tape storage format, for the past 2 decades, has been the most dominating technology especially in SMB industry. Multiple DDS versions have been introduced for the long term storage demands of diverse small & midsized companies. Enormous success of this tape media format has attracted the leading tape manufacturing companies, thus resulting in improved the product quality and lower prices. As majority of SMBs in the above mentioned countries have constrained financial resources, this DDS backup solution would be the best option.

So far we have mentioned about the DDS technology, now letâ€™s take a look at the major brands, which are IBM, Sony, Imation, HP and Maxell. But we are going to talk about Quantum-branded DDS solutions that can withstand the burden of high duty cycles and deliver long term reliability. Quantum DDS-4 solution has proved its rock solid reliability and higher operating efficiency in small businesses and enterprise workgroups.

Internal and desktop drive models will help simplify installation within a variety of IT centers. The Ultra2 SCSI LVD interface further improves compatibility. So the small businesses can efficiently solve their specific backup storage needs. DDS 4 backup tape features a remarkable recording capacity of 20GB / 40 GB.Quantum DDS 4 tape drives have this unique capability to write-read DDS-3 and DDS-2 media tapes. So the migration from existing DDS tape versions can be done with minimal investment and the previous backup files will be also be available.

Moreover, the DDS4 solution also provides a faster speed of 19.8GB/hour. With time-critical applications migrating to the small businesses, this DDS 4 solution will help you keep pace with their high-performance demands while providing the reliability required for regulatory compliance. The magnetic layer of DDS4 cartridgeâ€™s tape reel is composed of ultra-fine magnetic particles and the spacing loss has been significantly reduced. So the drive head can accurately write/read the data tracks at a faster rate and also seamlessly move the smooth base film through its tape path area. So the small businesses looking for supreme reliability and low operating cost can trust this compact backup system.

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Rob Miller markets a DDS 1 tape and a CDM40. 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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