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Sony Introduces Cost-efficient AIT-4 Backup Tape Technology by Rob Miller

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File management systems of todayâ€™s business enterprises must ensure fast access to immense quantities of diverse corporate data, all with a higher level of reliability. Enormous data growth and tough business requirements have increased the demand for new cost-effective and high capacity backup solutions.

The intelligent answer for the exploding needs of small and mid-range businesses is the AIT tape format. This powerful and superior backup tape technology was developed by Sony in 1996. Sony AIT tape solution is the best option for transportable storage applications, government agencies, midrange storage management, workgroups, public organizations and unattended backups. Sony AIT tape technology offers fastest files access, greatest data throughput rates, high speed media loads and largest storage capacity than any other mid-range tape media format. Sony AIT tape technology is highly scalable that grows with your increasing business needs, which allows the companies to rely on a single tape format.

Sony AIT-4 tape solution provides unbeatable storage performance and higher capacity of 200GB (native) in a smaller footprint, making it the ideal choice for space-constrained businesses. Sony AIT-4 is a versatile backup tape solution that provides exceptional reliability and superior cost-efficiency in its class. Sony AIT-4 backup tape is almost 37 percent the size of rival tapes of equivalent capacity. Native data transfer speed offered by Sony AIT4 drives reaches up to 24MB/s.

Satisfaction of government regulations is the top priority of every organization. That is why Sony has introduced WORM mechanism in AIT-4 tape generation. Sony SDX4200WWW, AIT4 cartridge features WORM technology, and SDX4200C is a non-WORM AIT4 tape cartridge. Once the information is saved on the AIT-4 WORM tape, it cannot be altered or erased. This powerful feature secures your critical information against corruption and accidental over-writings.

2.6 to 1 compression ratio of Sony AIT4 drive helps to provides greater compressed capacity than the rival tape technologies, which means that the Sony AIT4 tape cartridge can house compressed data of 520GB. Sony AIT-4 tape performs backup operations more reliably and cost-effectively than any other mid-range tape technology.

Sony offers broadest range of backup tape formats. Sony is a leading brand of Travan, DLT, LTO ultrium, DAT-DDS and SDLT backup tape technologies. Below are mentioned few of the popular Sony-branded tape cartridges that are ideal for medium & small business segment:

Sony lto-2 ultrium tape

LTX200GWW

Sony dds4 tape

DGD150PWW

Sony dat-72, dds-5 tape

DGDAT72WW

Sony sdlt-1 tape

SDLT1-320

Sony lto-1 ultrium tape

LTX100G

Sony AIT4 is a smart tape investment, as you will have the luxury to use a wide range of AIT tape media with AIT-4 drives. Along with AIT-4 tape media, you can also utilize the previous three versions. AIT-3 is fully read-and-write compatible, whereas the AIT-2 & AIT-1 are read-only compatible. Ultra smooth tape surface of AIT-4 cartridge helps to reduce friction, optimize the performance and allow seamless tape movement. Therefore, there will be lesser debris accumulation and the users can enjoy prolonged archival life. That is why Sony AIT4 is the IT managersâ€™ top choice for high-speed backup operations and time-critical business applications.

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