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IT Managers of SMBs Trust Sony AIT 4 Tape System for Long Term Data Protection

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The I.T administrators have to manage tremendous amounts of mission-critical data in todayâ€™s E-business environment. Customers, stake holders and company management need fast access to this data throughout 24x7x365. Any delay or interruption can be financially catastrophic. The data administrators are challenged with threats such as internet hackers, software bugs, unauthorized access and virus attacks. These threats can damage or completely wash away the data from your primary storage devices. So act proactively, and backup your business critical data.

AIT (advanced intelligent tape) is the answer to the demanding backup needs of todayâ€™s space-constrained organizations. Tape-industryâ€™s technological expert Sony invented this breakthrough tape format. Its fourth generation, called AIT4 tape, is the considered as the best optimal storage solution for modern business enterprises. The major factor behind its remarkable success is the compact size. So you can store more tapes within your available shelf space and easily transport them to remote locations or across your organizational departments. Sony AIT4 cartridge can reliably preserve an impressive 520 gigabytes of compressed data. You can trust this tape, part number SDX4-200C, for long term storage.

For this durable cartridge, Sony has designed high-speed AIT 4 drives that offer exceptional compatibility to a wider array of backup environments. The internal and external AIT4 drives not only improve the backup performance, but also enable long term archiving and fast data searching. Cost per GB of Sony AIT4 solution is far superior to other rival technologies. The Sony AIT4 drives can efficiently stream data at 24Mbps native speed. These are the only drives in their class that offer compatibility with prior three tape versions. The rival tape-based systems deliver compatibility up to two previous generations. Sony AIT 4 drives can read AIT3 tape, AIT2 tape and the first generation AIT1 tape. Furthermore, AIT3 media tape is also write-compatible.

Media access and data searching time have been further reduced by incorporating the breakthrough R-MIC (remote memory in cassette). It is a small memory chip embedded in the AIT4 cartridge. It stores the usage history and file index. This information is very useful for the AIT-4 drives, as they can quickly move to the desired file location and load the media within 14 seconds. If you require even higher storage performance and recording capacity, you can migrate to the AIT5 tape media format. It offers twice the amount of data, 400GB uncompressed and 1.04TB compressed. SDX5-400C tape represents the Sonyâ€™s next generation AIT5 cartridge.

The Sony AIT4 drives feature an intelligent self cleaning system, which prevents debris accumulation and keeps the tape path area clean for consistent performance. This innovative feature enables the drive and the tape cartridge to perform excellently throughout their working life. Sony AIT4 tape can withstand up to 30,000 passes, whereas the tape driveâ€™s head life is 50,000 contact hours.

With Sony AIT4 system, you can meet the data security demands at a reasonable cost and connect to the previous AIT tape resources as well.

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