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IBM TS3200 Library Deliver Excellent Performance with Multiple LTO Ultrium Tape Versions by Rob Miller

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Nowadays the IT managers are tangled up in stiff challenges. They have to comply with the stringent mandates dictated by the government data retention legislations, while reducing the costs and error-rate when managing the fast-growing databases. As the organizational data needs to be stored for longer time periods, you will have to ensure robust security and devise a strategy to deal with the disastrous data loss. For organizational sustainability, it has become essential to periodically backup the data. Storage-intensive companies prefer automated tape library solutions; because they can manage large volumes of data, feature low operating cost and help consolidate your tape resources.

IBM has a solid history of innovation. IBMâ€™s high-quality tape storage devices reflect 60 years of technical excellence and rigorous engineering. IBM TS-3200 is a state-of-the-art tape library engineered specifically for the midsized & small companies. You can attach 48 tape cartridges to this functionally-rich library. Most importantly, this library has been designed to support the industryâ€™s most reliable tape format, the LTO (Linear Tape Open) technology. Users can deploy multiple LTO generations including the LTO5. Moreover, the previous LTO-3 tape and LTO-4 tape versions are also compatible. Therefore, this TS3200 library provides a cost-efficient automated solution to the millions of LTO customers.

Maximum storage capacity of IBM TS3200 library is 144 terabytes. With LTO4 and LTO3 systems, customers can achieve 76.4 TB and 38.4 TB compressed capacity. All of this massive data can be packed in this compact IBM library that occupies only 4U rack space. So the space-constrained companies can conveniently install this library and enhance their storage performance. TS3200 library also caters the needs of various open systems especially the IBMâ€™s market-leading System x and Power systems.

IBM, HP and Seagate are the pioneers of LTO technology. IBM-branded LTO devices are enjoying high market share and have proved their superior performance and exceptional compatibility. IBM LTO media tapes store statistical analysis of cartridge usage on their memory chip, which helps drives to speed up data searching and improve read/write performance.

You might be curious that managing higher quantity of 48 tape cartridges can result in write/read errors, which is a false assumption. IBM has figured out a smart solution and has embedded a bar-code reader that works excellently without any interruptions in random and sequential modes. IBM intelligently designs its products to deliver greater flexibility and more usage options. Now you have to luxury to manage the library from remote locations. A web interface has been introduced that allows remote administration, thus saving more time and contributing to the superior operational efficiency.

SAS and FC (fiber channel) connectivity options are available that enable users to seamlessly connect various LTO drive models. Users can install the TS3200 library as a stand-alone unit or configure it with rack mount. This allows optimum utilization of data center space. IBMâ€™s innovative media formulation and strictly-controlled manufacturing process have helped to prolong the working life of its backup products. That is why organizations trust IBM, which not only delivers them high quality products but also ensures higher ROI.

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Frank Miller is the Marketing Manager of Backuptape and markets a IBM LTO4 tape and a 183900. 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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