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Active Archive by Cross Roads

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The critical data for your business involves a lot of risk including theft, virus, fire, software malfunction, operating errors, and hardware failure. In addition, natural catastrophes too can damage your business data altogether or at least affect the data integrity. Thus, keeping a backup of your business data is essential. Moreover, the growing number of data retention laws has expanded the demands of backup storage. Companies are constantly in need of durable, faster, low-cost, and intelligent data-storage. This is where organizations require LTO or linear tape open format, which offers high levels of data protection. In addition, LTO format improves read/write performance. It is also known for its reliability and cost effectiveness. Its and multi-vendor interoperability and highly scalable roadmap allow users to secure their technology investment. Due to its diverse advantages, LTO format has become a popular among organizations for data storage. In fact, the LTO ultrium tape has become the best option for long-term data storage. They also provide superior operating efficiency and are able to handle high volume backups.

In fact, the storage & archival functions of LTO tape solution provide better result than any other data-storage media technology available in the market. For example, the e-business applications have higher data- storage demands. And they are growing rapidly. LTO technology, especially the latest LTO-5 ultrium tape provides the best available tape solution for such companies. It is extremely reliable and provides technological enhancements and significant efficiency gains to the e-business applications. In addition, LTO-5 technology is economical for large financial databases with mid-range storage environments. They are also effective for high-end network servers. Both supply chain management and emerging business applications can opt for LTO-5 technology to address their data storage requirements. A LTO-5 cartridge can store 1.5TB of native and 3TB compressed information. Their transfer rate is 280 MB per second for storing compressed information.

LTO-5 ultrium format now includes LTFS (Linear Tape File System) technology for greater reliability and storage value. LTFS LTO is also an open source. With this LTFS LTO technology, users can divide the tape into two segments â€“ LTFS mechanism use one partition for recording the system file index of the data, which is stored in the second tape partition. LTO-5 backup tape is visible to the computer system in form of a disk drive. LTO-5 tape with LTFS technology allows users the drag & drop facility.

LTO-5 tape not only meets the challenges of data storage needs, it also exceeds the industry expectations. Sharing of larger data files has been simplified due to the LTFS technology. In addition, the LTFS technology provides faster access to the information stored in the drive. As a result, IT administrators of organizations can standardize the companyâ€™s backup storage system effortlessly, thanks to the high-performance of LTO-5 tape technology. Better yet, LTFS LTO technology helps the organizations to meet their storage requirements at an affordable price.

Apart from the LTO-5 tape solutions, small and medium enterprises can opt for the LTO 1, LTO 2, and LTO 3 generations to address their backup storage requirements.

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Crossroads StrongBox is designed to address the need for a low cost and highly reliable a Linear Tape File System, presenting itself as traditional network-attached storage-NAS while leveraging the new a LTFS LTO.

Article Keywords:
Linear Tape File System,LTFS,LTFS LTO

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