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HPâ€™s Exquisite Range of Tape-Based Systems for Growing Medium & Small Companies by Rob Miller

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The businesses have shifted to E-commerce. Therefore, the IT managers are burdened with demanding applications, higher customer expectations, improved cost efficiency and most importantly, heightened data security objectives.

Majority of the small & midrange businesses have also entered into E-business world. So they are facing the problem of meteoric rise in corporate databases and shrinking IT budgets. IT managers look to Hewlett-Packard HP, which has proved its technical excellence and is unrivaled in tape media industry. HPâ€™s substantial Research & Development investment, superior product quality and ongoing innovation have established its top position. HP has designed widest range of tape solutions for mid-sized & small companies. These solutions satisfy every budget, and are well suited for the data-rich IT centers.

The most popular HP tape solutions are AIT (Advanced Intelligent tape), Travan, SDLT (super Digital Linear Tape), DDS (Digital Data Storage), DLT and LTO (Linear Tape Open). Amongst all these tape technologies, LTO has the highest market share. Five LTO generations have been launched so far by HP. The ideal generations for small industry are LTO1 & LTO2. On the other hand, LTO4 and LTO3 are the best mid-range tape systems. HP LTO4 tape format offers two intelligent data security features, WORM and 256-bit encryption. WORM technology doesnâ€™t allow alteration or deletion. So the stored data cannot be tampered if unauthorized person gains access. The other data security feature encrypts data with a smart 256 bit algorithm. So, lost or misplaced LTO tapes wonâ€™t expose your sensitive business documents. Uncompressed capacity of LTO4 cartridge reaches 800 GB. LTO formatâ€™s best feature is the convenience to use tapes with other drive brands. Data compression is the core functionality of all HP LTO drives.

It boosts the performance and the tapeâ€™s recording capacity by a magnificent 100 percent. Part number of HP LTO ultrium tapes are C7975A (LTO5), C7974A (LTO ultrium 4), C7973A (LTO-3), C7972A (LTO2) and C7971A (LTO 1).

HP DDS solution is also a smart choice. This tape format offers your seven high performance generations. So the SMB customers can flexibly install the DDS system that offers them the best capacity and storage performance. Latest generation is DAT-320 that can backup 160GB/320GB information. Backward compatibility feature secures your DDS investment, and allows expansion of business operations with minimal cost. HP DDS tapes have longer life expectancy of 100 full backups. Additionally, they allow reliable and fast archiving for up to 10 years.

HPâ€™s AIT is the most compact tape format that delivers exceptional speed and capacity to match the demands of todayâ€™s small & medium data centers. The durable HP AIT tapes are Q1999A (AIT3), Q1998A (AIT2) and Q1997A (AIT1).

HP not only manufacturers high quality tapes, but also offers widest range of drives featuring multiple interfaces and compact design architectures. Moreover, HP tests its tape products in extreme conditions to ensure their consistent performance and reliability. So the businesses enterprises feel confident that they are investing in the best tape brand and they can perform efficiently in their business industry.

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