

## USAGE OF TAPE LIBRARIES

### **More digital data. Higher storage need.**

We live in a connected world that is going to be digitalized more and more. Due to rapid increased digital data the storage need is growing as well. Worldwide data volumes are doubling every two years. To meet this storage requirements and to store data for the long term companies need a reasonable and efficient solution for storage, archiving and provision of more and more information.

That's why Tape Libraries are used.

### **Store the „more“ of data reliably and for the long term.**

The FlexStor® II devices are automated tape libraries that store data and information for the long term to tape media. The FlexStor® II devices consist of 8 to 96 LTO-technology based tapes and 1 to 4 LTO tape drives that read, write and provide data. A total of 288 TB\* of data can be stored and archived within a tape library. This corresponds to a quantity of 72 million mp3 songs with a file size of 4 MB on average.

### **Advantage of a tape library? Automation!**

By the use of a special data storage software and the built-in robotic into the devices, the data recorded tapes can be inserted automatically into the tape drives. Thanks to a barcode at each media the data storage software knows where which content at which storage location can be found.

\* On a LTO-5 tape media 1.5 TB of data can be stored. In case of 96 tapes and a compression of 2 this corresponds:  $1.5 \text{ TB} \times 2 \times 96 = 288 \text{ TB}$ .

### **Automated data storage avoids data loss.**

Due to increased security and archiving requirements tape libraries are the indispensable last instance in the data storage process. Especially in small and medium-sized companies automation gives an economical advantage. The inserting and changing of a tape cannot be forgotten any more. A tape library takes over this task and therefore relieve IT administrators from this routine activity. Sources of errors can be eliminated. Data storage can be ensured automatically for months.

### **Tape Libraries: Indispensable part of the company wide data storage strategy**

FlexStor® II is the innovative and value-based 19" tape automation series which - due to its scalability - forms an integral part of solutions with regards to data protection like fast data backup and permanent archiving of data. That's the reason why FlexStor® II Tape Libraries are used in IT data centers of companies. The cost-effective platform has been designed specifically for companies that require affordable automated backup solutions as their requirements exceed the capabilities of single tape drives. The incredible user-friendliness and serviceability add to the simplicity of the concept.