

About Fujifilm Recording Media

Fujifilm is the world's leading manufacturer of magnetic tapes including High-End tapes such as 3592 tapes and LTO, with over 80% of the storage capacity delivered on tape.

Fujifilm works closely with IBM on the developments of new tape generations. Thanks to recent developments and breakthroughs, such as Fujifilm's Barium Ferrite coating technology, as well as IBM's innovations on the hardware side, tape is the key solution to face the digital growth in all environments today, and is prepared for the next decade.

This year was marked by the launch of the new generation of IBM jaguar TS1160 drives, with 3592JE tapes (offering a native capacity of 20TB and a transfer rate of 400MB/sec), designed to offer a higher level of capacity and performance to End users with the highest needs in terms of data storage, whilst LTO-8 offers a native capacity of 12TB, and a transfer rate of 360MB/sec.

The challenge has not only been to create products that are able to face the growing capacity observed in most industrial environments and, consequently, the faster writing speed ability, but also to reduce the potential degradation of the performance generated by the environment, or the nature of the files such as, an increasing number of small files...

We have created a wide network of end-users, in order to regularly collect information and feedback about the real usage of tape technology. This allows an improved matching between product development and customers' needs and constraints. Scientific research is an industry segment that provides the most information, not only because data preservation is crucial in this environment with an unprecedented data growth, but also because data is handled in a more intensive way than in some other environments. Reduction of floor space, frequent access to data, access to data over time (sometimes in 10 or 20 years), data integrity, improvement of writing speed (with a higher number of files) : these are among the topics we would like to discuss...

The following link to our presentation will give a general overview of the latest improvements on tape solutions: Presentation link: [IBM's 3592 storage solution - a taste of the future](#)

We would like to take the opportunity to exchange information with you and would be delighted if you stop by our stand, as your opinion is vital for future developments in tape technology.