



## **For Immediate Release**

### **For more information:**

Corey Olfert  
Fleishman-Hillard, Inc.  
213-489-8253  
[olfertc@fleishman.com](mailto:olfertc@fleishman.com)

## **LTO PROGRAM ANNOUNCES LTO ULTRIUM GENERATION 2 COMPLIANCE-VERIFIED LICENSEES**

*Fujifilm, Imation, Maxell, TDK, Pass Data Interchange Compliance Testing*

**SILICON VALLEY, CALIF. — (March 27, 2003) —** HP, IBM and Seagate Removable Storage Solutions, the three technology provider companies (TPCs) for the LTO (Linear Tape-Open) Program, today announced that Fujifilm, Imation, Maxell, and TDK Electronics Corporation have successfully completed the LTO Ultrium format media compliance verification testing process and have earned the right to use the Ultrium format Generation 2 trademark on their products.

“As data storage media suppliers successfully pass the LTO Program’s compliance testing process for LTO Ultrium format-based tape drives, IT managers benefit from unmatched storage options for the LTO Ultrium format Generation 2,” said Barry Rudolph, Vice President, Tape Storage Systems, IBM Corporation. “Because the LTO Ultrium format is based on open-standards technology that is openly licensed, end users can select from several feature, performance and pricing options from multiple manufacturers to address their unique data storage needs.”

The LTO Program requires all licensees' media to pass a series of compliance verification tests – administered by an independent lab – which call for rigorous data interchangeability testing before being granted the right to display the trusted Ultrium trademark. Compliance testing of all Ultrium products must be repeated annually to confirm that all manufacturers are continuing to adhere to the LTO Ultrium format specifications.

The LTO Ultrium format Generation 2 offers backward compatible read-and-write capability with Generation 1 data cartridges, offering further investment protection for customers who have standardized on LTO Ultrium-based technology. With the LTO Ultrium format Generation 2, storage capacity increases up to 400GB compressed (2:1 compression) with data transfer speed now delivering a peak performance of up to 80MB per second compressed.

### **How to License LTO Ultrium Technology**

The LTO Program offers several different license packages – from enhanced packages that provide the specifications to manufacture Ultrium Generation 2 products, to basic license packages, providing Ultrium format specifications and guidelines for interchangeability.

Buyers seeking true Ultrium format-compliant products should look for the Ultrium format compliance verification marks on both tape drives and data cartridges. Storage and media manufacturers interested in licensing LTO technology may obtain information by contacting the Law Offices of Ladas & Parry at (323) 934-2300, or by e-mail at [LTO\\_INFO@ladasparry.com](mailto:LTO_INFO@ladasparry.com).

### **About Linear Tape-Open (LTO) Technology**

LTO technology is a powerful, scalable, open tape format created by technology providers HP, IBM Corporation and Seagate Removable Storage Solutions to meet the growing demands of data protection in the midrange to enterprise-class server environments. This new generation of tape storage products is designed to deliver outstanding performance, capacity and reliability combining the advantages of linear multi-channel, bi-directional formats with enhancements in servo technology, data compression, track layout, and error correction.

The LTO Ultrium format storage solution is based on a single-reel, high-performance tape cartridge design, suitable for backing up, restoring, and archiving applications. As a leading tape technology for ultra-high capacity storage, the LTO Ultrium format is the only tape storage technology with a well-defined four-generation roadmap for growth and scalability – doubling speed and capacity with each new generation, and supporting data integrity improvements over current tape storage formats.

While the LTO Program gives licensees wide latitude in implementing mechanical and electrical designs, strict adherence is required to format specifications impacting the ability to read and write Ultrium format tape cartridges. Independent compliance verification is vital to meet the free-interchange objectives that are at the core of the LTO Program. With numerous compliance checkpoints for each LTO technology product, data interchangeability between LTO products is supported regardless of the manufacturer.

Ultrium tape mechanism and tape cartridge interchange specifications are available on a licensed basis. For additional information on LTO Ultrium technology, visit the Ultrium Web site at [www.ultrium.com](http://www.ultrium.com).

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Note: Linear Tape-Open, LTO, LTO Logo, Ultrium and Ultrium Logo are trademarks of HP, IBM and Seagate RSS in the U.S., other countries or both.

