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LTO PROGRAM ANNOUNCES AVAILABILITY OF NEW DESIGN LICENSES

New License to Help Facilitate Development Efforts for Upcoming Ultrium Generation 4

SILICON VALLEY, CALIF. — (December 5, 2005) — HP, IBM Corporation and Quantum Corporation, the three technology provider companies (TPCs) for the Linear Tape-Open (LTO) Program, today announced the availability of a license that will allow for early access to the evolving LTO generation 4 Ultrium format in order to help facilitate licensee development efforts. The new license will be available for current licensees, analysts and any party interested in LTO Ultrium generation 4 products.

Subscribers to the new Generation 4 Design License will have the ability to gain insight on the emerging tape specification that is planned to boast storage physical capacity of up to 1.6 TB (with 2:1 data compression).

“The key tenets of the LTO Program have been openness and compatibility, both of which have contributed greatly to the overwhelming success of the LTO Ultrium format” said Cindy Grossman, Vice President, Tape Storage Systems, IBM. “The availability of the new Generation 4 Design License will help facilitate compatibility, resulting in what we believe will be one of the most advanced tape storage solutions available upon its release.”

LTO generation 4 follows the previously-published LTO Ultrium Roadmap, which extends through generations 5 and 6. Upon each new generation, capacity is targeted to double and transfer rates to be dramatically increased over the previous generation.

The new Generation 4 Design License is limited to design and development purposes, and does not grant IP rights, trademarks, or the rights to sell and market LTO Ultrium-branded products. The offering of the new license will not affect existing licenses.

[How to License LTO Ultrium Technology](#)

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

Buyers seeking Ultrium format-compliant products should look for the Ultrium format compliance verification trademarks 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.

About Linear Tape-Open (LTO) Technology

LTO technology is a powerful, scalable, adaptable open tape format created by technology providers HP, IBM Corporation and Quantum Corporation to help address the growing demands of data protection in the midrange to enterprise-class server environments. This ultra-high capacity 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 has a well-defined roadmap for growth and scalability. The roadmap represents intentions and goals only. There is no guarantee that these goals will be achieved. Compliance verification is vital to meet the free-interchange objectives that are at the core of the LTO Program. Ultrium tape mechanism and tape cartridge interchange specifications are available on a licensee basis. For additional information on LTO technology, visit the LTO Program Web site at www.ultrium.com.

Note: Linear Tape-Open, LTO, the LTO logo, Ultrium, and the Ultrium logo are trademarks of HP, IBM and Quantum in the US and other countries or both.

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