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Contact:

Bob Covey
Qualstar
805-583-7744
covey@qualstar.com

QUALSTAR EXTENDS XLS-812300 ENTERPRISE LIBRARY CAPACITY

Memory Expansion Modules more than double capacity, providing configuration options that exceed 2 Petabytes

SIMI VALLEY, Calif., February 20, 2008 — Qualstar® Corporation (Nasdaq: QBAK), an innovator in automated tape storage solutions, today announced that the MEM II (Memory Expansion Module), is now available on its popular XLS-812300 tape library. Adding one or two MEM II's increases total capacity more than 140%, providing more options for its entry XLS Enterprise Library model. Shipments will begin in May, 2008.

“Expanding the capacity options for the XLS-812300 lets customers buy the storage they need today while giving them the assurance that the system can expand as their data grows. Easy expansion and greater flexibility means that the XLS-812300 delivers even more value to customers needing enterprise features without enterprise costs.” said William Gervais, Qualstar president and CEO.

Each MEM II delivers 535 tape storage slots in just 5.3 square feet of floor space. Using LTO 4 tape technology with typical compression, a single MEM II holds 856 terabytes, one of the highest storage densities in the industry. One or two MEM II's can be added to each XLS-812300 Library System, raising its total capacity to 1,365 slots, or 2.2 petabytes of data. XLS-812300 libraries hold up to twelve LTO 4 tape drives, delivering data throughput rates of over 5 terabytes per hour to meet ever-narrowing backup windows.

Adding capacity or drives is readily accomplished in the field with minimal interruption to on-going operations. The MEM II can be intermixed with the XLS-812300 Expansion Pods to provide granular solutions to meet a broad range of data protection and archival storage growth requirements.

The XLS Enterprise Library Systems available exclusively through Qualstar's worldwide network of Authorized Resellers. Contact Qualstar, one of Qualstar's Resellers or visit <http://www.qualstar.com/xls> for more information.

About Qualstar Corporation

Qualstar manufactures automated tape libraries and power supplies. Its products are known throughout the world for energy efficiency and rugged, *Simply Reliable* designs yielding years of trouble-free operation. Qualstar tape libraries are sold, installed and supported worldwide to backup, archive and protect data from incidental and catastrophic loss. Its N2Power brand high efficiency, ultra small switching power supplies are sold to OEM manufacturers worldwide, where very low power consumption is required. Qualstar Corporation is publicly traded on the NASDAQ National Market under the symbol QBAK. More information is available at www.qualstar.com or by phone at 805-583-7744.

Forward-Looking Statements

Statements concerning the future business, operating results and financial condition of the Company are "forward-looking" statements as defined in the Private Securities Litigation Reform Act of 1995. Such statements are based upon management's current expectations and are subject to a number of uncertainties that could cause actual performance and results to differ materially from the results discussed in the forward-looking statements. Factors that could affect the Company's actual results include the Company's ability to increase sales of its tape libraries; rescheduling or cancellation of customer orders; unexpected shortages of critical components; unexpected product design or quality problems; and, adverse changes in market demand for tape libraries or other Qualstar products. The Company undertakes no obligation to publicly update any forward-looking statements whether as a result of new information, future events or otherwise. Further information on these and other potential factors that could affect the Company's financial results or condition are included in Qualstar's filings with the Securities and Exchange Commission. In particular, reference is made to the "Risk Factors" section of the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2007, and to the "Management's Discussion and Analysis of Financial Condition and Results of Operations" sections of its Form 10-K and its most recent Quarterly Report on Form 10-Q.

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