



FOR IMMEDIATE RELEASE

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QUALSTAR ANNOUNCES XLS PATENT AWARD

XLS Compass Architecture™ Secured by US Patent

SIMI VALLEY, Calif., March 2, 2007 — Qualstar® Corporation (Nasdaq: QBAK), an innovator in automated tape storage solutions, today announced that it has been awarded United States Patent No. 7,181,313 covering the groundbreaking design of its XLS Enterprise Tape Library System, one of the highest capacity libraries on the market today. This latest award reaffirms Qualstar's design leadership in automated tape systems since 1994.

Announced in mid-2006, the XLS family delivers cost-effective libraries that scale from 240 terabytes to over 5 petabytes, providing enterprise users with very dense and highly scalable solutions for their growing data protection and archival storage requirements.

Compass Architecture™ enables fast access to data since the XLS robotics can access more than 2,800 tapes while moving an average of only 21 inches, horizontally. XLS delivers very high storage densities, exceeding 80 TB per square foot, while reducing the wear and power consumption that are typical of older generation designs.

According to William Gervais, Qualstar president and CEO, "Receiving this patent confirms the innovative approach that we undertook to delivering choice and value in high density data storage for enterprise customers. Users can buy what they need to meet their storage needs today, and easily create much larger systems as their requirements increase."

Qualstar libraries are available through Qualstar's worldwide network of Authorized Resellers. Contact Qualstar, one of our Reseller Partners or visit <http://www.qualstar.com/xls> for more information.

About Qualstar Corporation

Qualstar is a manufacturer of automated tape libraries used for backup, archival storage, data protection and disaster recovery. Its products are known throughout the world for their rugged, *Simply Reliable* design yielding years of trouble-free operation. Qualstar tape libraries are sold, installed and supported worldwide by authorized Value Added Resellers, Systems Integrators and Distributors, and Original Equipment Manufacturers. Qualstar also designs, manufactures and sells ultra small, high efficiency open-frame switching power supplies under the "N2Power" brand name to OEMs. 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 in this press release 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; whether the Company's new enterprise-class tape libraries will achieve customer acceptance; 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, 2006, 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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