

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

FOX-TEK Introduces New Lower Priced Monitor Lineup

Innovation Allows Cost Reduction Benefits to be Passed on to Customers

TORONTO, Ontario (September 25, 2007) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the release of the new lower cost 2400 series fiber optic sensor monitors. These new monitors, based upon the successful 3400 series FT sensor monitors, include cost savings from improving manufacturing efficiency, from competitive parts sourcing, and from the company's internal development of a replacement for one of the highest cost components.

Bob Leigh, Manager of Engineering for FOX-TEK said, “We’ve managed to reduce the cost of the monitoring system by reengineering some components, and we’re still maintaining the quality of the performance.” Mr. Leigh continued, “We’ve also made the 2405 into a “workhorse” version of the 3405 by eliminating the front panel display. This makes the 2405 perfectly suited for remote monitoring through wired or wireless networks.”

Sam Cauchi, Director of Sales – Canada followed, “We're constantly demonstrating the cost benefits of our systems to our customers. The introduction of the 2405 FT sensor monitor means that there is an even greater benefit when tracking internal corrosion and pipeline bending using our systems.

Dr Essam Zaghoul, president and CEO of FOX-TEK said, “This new line demonstrates that FOX-TEK's ongoing program to deliver quality products that meet our customer’s needs is really paying off. Integrity management is a critical part of the oil and gas business, and we are focused on delivering the best solutions possible.”

About FOX-TEK:

Fiber Optic Systems Technology, Inc. "FOX-TEK" develops non-intrusive asset health monitoring sensor systems for the oil and gas market to help operators track the thinning of pipelines and refinery vessels due to corrosion/erosion, strain due to bending/buckling, and process pressure and temperature. FOX-TEK's FT fiber optic sensor and Pinpoint systems allow cost-effective, 24/7 remote monitoring capabilities to improve scheduled maintenance operations, avoid unnecessary shutdowns, and prevent accidents and leaks.

FOX-TEK has offices in Toronto, ON, Calgary, AB, Houston, TX, Mexico City, Mexico, and Al-Khobar, Saudi Arabia. FOX-TEK is traded on the TSX Venture Exchange under the symbol “FOX”. For more information, visit www.fox-tek.com.

This press release contains forward-looking statements based on assumptions, uncertainties and management’s best estimates of future events. Actual results may differ materially from those

currently anticipated. Investors are cautioned that such forward-looking statements involve risks and uncertainties. Important factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements are detailed from time to time in FOX-TEK's periodic reports filed with the Ontario Securities Commission and other regulatory authorities. FOX-TEK has no intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this press release.

FOX-TEK Company contact:

Dr. Essam Zaghloul, president and CEO, Fiber Optic Systems Technology, Inc.
(416) 665-2288, ezaghloul@fox-tek.com

Investor Relations contact:

Barry Mire, Renmark Financial Communications Inc.
(514) 939-3989, bmire@renmarkfinancial.com