

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

FT System Installation for Engineering Consulting Firm and Oil & Gas Client
Pipeline Bending Monitoring in Alberta Foothills

TORONTO, Ontario (September 23, 2008) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the sale and installation of their FT System for a new client. The client, a full-service engineering, procurement, and construction firm headquartered in the United States, contracted FOX-TEK to install their FT Pipeline Bending Monitoring System at five sites on a 6NPS water line for one of their Oil & Gas clients. This system uses FT fiber optic strain gages at all five of the sites in the Alberta foothills to monitor pipeline deformation; and a portable, battery-powered sensor monitor to acquire and log the data.

A spokesperson for the EPC firm commented, “The pipeline runs through an active landslide zone currently being monitored for ground movement at several stations. The use of fiber optic strain gages on the pipeline itself forms a core part of the pipeline monitoring strategy”.

Sean Carr, Interim President & CFO of FOX-TEK added, “We’re pleased to have engaged into this project with our new client. The installation was executed for the end user on short-notice, and carried out without trouble by one of our teams of experienced field technicians”.

FOX-TEK also announced the resignation of Dr. Essam Zaghoul as Chairman of the Board of the organization for continuing health reasons. Dr. Zaghoul will leave his Chairman position at FOX-TEK effective immediately. “We continue to wish Essam a speedy recovery and would like to thank him for his valuable guidance over these past two years” said Sean Carr. Sean Carr will serve as the Interim Chairman.

About FOX-TEK:

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; 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.

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