

**FOR IMMEDIATE RELEASE**

**TSX Venture Exchange symbol: FOX**

**Major Oil and Gas Company Installs FT System for Pipeline at River Crossing**  
*Fiber Optic Sensors Used to Monitor Sour Gas Pipeline for Effects of Ground Movement*

TORONTO, Ontario (January 21, 2009) – Fiber Optic Systems Technology, Inc. (“FOX- TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the sale of a FT Pipeline Bending Monitoring System to a new oil and gas client. The fiber optic sensor system is on a sour gas pipeline that crosses the Kakwa River south of Grande Prairie, Alberta and is configured to look for strain caused by post-construction settlement. The new FT system gives early warning of any strain induced in the pipeline and enables the operator to take preventive action to keep the pipeline safe. This project demonstrates sustained North American sales progress and growing recognition as a mainstream supplier of leading edge geotechnical monitoring products.

Sean Carr, Interim President & CEO of FOX-TEK said, “The system allows the operator to gather data for input into FOX-TEK’s state-of-the-art DMAT software and then to receive regular analysis of possible pipeline bending. This new project typifies the keen interest shown by major pipeline companies across Canada in our FT Monitoring Systems. It is exciting to see that our patented technology is gaining a steady recognition in the energy market. This type of success also helps us foster good relationships with our existing clients and work towards broadening our new client base.”

**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; 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](http://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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