

**FOR IMMEDIATE RELEASE**

**TSX Venture Exchange symbol: FOX**

**Alliance Pipeline Purchases FOX-TEK FT System for Proactive Monitoring**  
*Structural Integrity of Transmission Pipeline Crossing Under Railroad will be Verified*

TORONTO, Ontario (April 08, 2008) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced a sale of its FT Pipeline Bending Monitoring System to Alliance Pipeline, of Calgary, Alberta.

Dr. Essam Zaghoul, President and CEO of FOX-TEK said, “We are pleased to be supporting Alliance’s proactive integrity program. The large gas transmission line will soon cross under a railroad track system now being constructed and will be monitored to verify structural integrity over the lifetime of the pipeline and reduce overall risk. With the FT System, Alliance will be able to verify that there is no excessive bending of the pipeline due ground settling and excessive loading from rail traffic. FOX-TEK will be supplying sensors and monitors, as well as analysis service and prompt reporting for this installation.”

A pipeline integrity engineer for Alliance commented, “Installing the monitoring system before rail construction begins is an important consideration in this project. Accessibility will be severely limited once the tracks are installed, and our primary consideration was to ensure that we manage our risk by securing all aspects of the pipeline’s integrity before any potential loading strains are introduced. We felt that the incremental cost to build in an early warning system that can provide proof of integrity is minimal compared to the benefits that Alliance will realize.”

**About Alliance Pipeline:**

Alliance Pipeline is one of the newest and most technologically advanced transmission pipeline system in North America. From its gathering system in northeastern British Columbia and northwestern Alberta, Alliance safely transports 1.325 billion cubic feet (BCF) of rich natural gas through its 3,719 kilometer pipeline system, traversing British Columbia, Alberta, Saskatchewan, North Dakota, Minnesota, Iowa and Illinois, to its Chicago hub, every day. For more information please see [www.alliance-pipelines.com](http://www.alliance-pipelines.com)

**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; Montreal, QC; 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](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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