



**FOR IMMEDIATE RELEASE**

## **Synodon Inc. announces successful prototype testing**

**Edmonton, Alberta – July 22, 2003** – Synodon Inc. announced today that it has successfully completed the first testing phase of the realSens™ technology prototype. Synodon is developing realSens™ as the world's most advanced airborne natural gas pipeline leak detection system.

The laboratory based measurements, performed with a small-scale prototype were able to detect simulated gas leak columns of less than 50um thickness. Assuming a gas plume height of 5 meters this would correspond to an average in-air natural gas concentration of 10ppm (parts per million) or 0.001%. These results are in line with the earlier predicted performance and present a major step towards a successful commercial instrument.

“We are very pleased with these results”, said Mr. Adrian Banica, Synodon’s President and CEO. “They represent a major milestone and answer the question of how well our proprietary technology can detect very small gas leaks remotely. We are very confident that our final commercial system can be improved even further and will be able to meet or exceed the performance levels that we have been proposing to our customers”.

The project now moves into its final two phases: commercial instrument development and field deployment. The system is expected to be commercially operational within 18 months.

### **About Synodon Inc.**

Synodon Inc ([www.synodon.com](http://www.synodon.com)), a private Edmonton based technology company, is developing an advanced natural gas pipeline leak detection system called realSens™ ([www.realsens.com](http://www.realsens.com)) which is based on correlation spectroscopy technologies developed under the Canadian Space Program and by Synodon scientists. Synodon's initial market is the owner's of the world's 4.8 million kilometer natural gas pipeline network - stretching the equivalent of 120 times around the globe. Synodon's technology is able to detect minute quantities of a wide variety of gases and can be applied in fields as diverse as search and rescue, mineral exploration and atmospheric pollution monitoring.

More information:

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