



Synodon Receives EU Patent for realSens™ Technology and Application

For Immediate Release

Edmonton, Alberta – August 6, 2010 - Synodon Inc. ("Synodon") [TSXV-SYD], announces that the European Patent Office has issued a notification of its intent to grant Synodon a patent that includes 9 claims covering a combination of a Gas Filter Correlation Radiometer (GFCR) embodiment and its application for the detection of gas leaks from underground pipelines by sensing ethane.

The novelty and advancement with respect to the GFCR relates to the inclusion of a bi-prism optical element that allows for the collocation of the two radiometer chains into one optical path. This provides significant improvements in instrument stability, reliability, noise and, most importantly, in gas detection sensitivity while costs of manufacturing and system complexity are reduced.

Traditionally, pipeline leak detection was focused around measuring methane emissions, a 95% constituent of natural gas. A variety of naturally occurring methane sources always added a level of uncertainty to these measurements however, as there was no easy way to distinguish between them and the pipeline gas. The improved gas sensitivity that realSens™ achieves, makes it possible to detect ethane instead, a small constituent of natural gas and other hydrocarbon products. As there are no naturally occurring sources of ethane, the presence of this gas in the vicinity of a pipeline or oil and gas operation positively identifies a leak from these facilities without any false alarms.

"This patent is an important new addition to our intellectual property portfolio, as it covers the combination of Synodon's realSens™ instrument and the detection of pipeline leaks, the initial market application," stated Adrian Banica, Chief Executive Officer of Synodon. "Beyond this granted patent, we have filed other patent applications covering advanced multi-instrument data analysis claims and broader applications. We look forward to the successful prosecution of these patent applications in multiple territories around the world."

Synodon Inc. (www.synodon.com) is an Edmonton based technology company which has developed and demonstrated an advanced airborne remote gas sensing system called *realSens*™, based on technologies developed under the Canadian Space Program and by Synodon scientists. The company provides gas emissions monitoring and quantification services to a variety of industries, including hydrocarbon (oil and gas), environmental, agricultural and for a variety of gases including methane, ethane and ammonia. The initial focus is on the hydrocarbon industry and in particular the natural gas pipeline sector.

For more information, please contact:

Synodon Inc.
Adrian Banica
President & CEO
TEL: 780.468.9568

CHF Investor Relations
Jeanny So
Director of Operations
TEL: 416.868.1079 x225

CHF Investor Relations
Christopher Haldane
Account Manager
TEL: 416.868.1079 x237

Email: investors@synodon.com

Email: jeanny@chfir.com

Email: chris@chfir.com

Should you wish to receive Company news via email, please email chris@chfir.com and specify "Synodon." in the subject line or contact the Company directly

Neither the TSX Venture Exchange nor its Regulation Services Provider (as defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

Statements in this release that are forward-looking statements are subject to various risks and uncertainties concerning the specific factors disclosed under the heading "Risk Factors" and elsewhere in the Company's periodic filings with Canadian securities regulators. Such information contained herein represents management's best judgment as of the date hereof based on information currently available.
