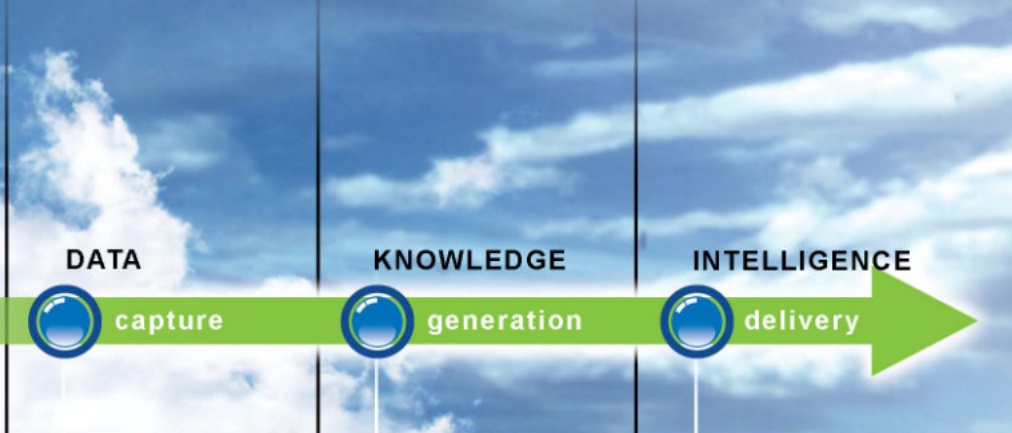




SYNODON

sensing the World,
delivering Intelligence





Synodon Inc. (TSX-V: SYD) has developed and field tested **real sens** a proprietary breakthrough remote gas sensing technology based on **Synodon's** continued research and development of satellite technologies purchased from the Canadian Space Agency program.

Flown on small aircrafts, the infrared instrument captures the reflected solar radiation and measures total gas volume in a column that extends from the aircraft to ground level. Patents are pending in the U.S.A., Canada and Europe

Combined with a suite of other complementary remote sensing instruments on the same flight platform, the captured data is processed and then combined into contextualized information. This proprietary process allows **Synodon** to provide its clients with the enabling intelligence needed to facilitate better business decisions.

real sens

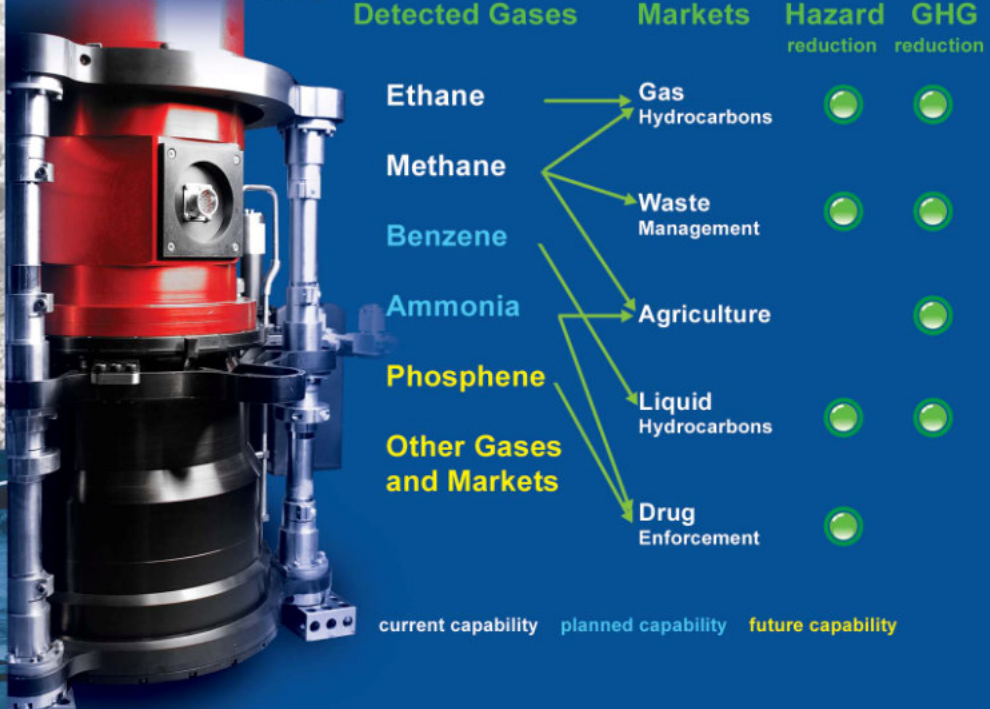
- Thermal Camera ▶ Detecting the existence and size of gas emission
- Visible Camera ▶ Surface temperature maps
- Laser Altimeter ▶ Digital images of survey area
- Global Positioning ▶ Distance from earth, surface terrain model
- Multi-spectral Camera ▶ Positioning of survey area
- ▶ Surface type classification

Contextual output that enables better management decisions through:

- accurate greenhouse and hazardous gas emissions inventories
- risk mitigation strategies for decreasing liability and compliance costs
- efficient planning for maintenance and emissions reduction work

The platform technology created by the adaptable **real sens** instrument design and data analytical tools enables many applications that include industrial emissions and greenhouse gas monitoring from the hydrocarbon, waste management and agricultural sectors, law enforcement through drug detection, energy exploration and many others.

real sens
Platform Instrument



Current Industry Environment

- 2 million natural gas leaks a year (on average one leak every 2.5 km of pipeline)
- Almost 2% of product lost, decreasing revenues and adding to GHG emissions
- Increased liability and compliance costs
- Tightened regulations and expensive fines -- up to \$1million per incident
- Aging infrastructure needs to be constantly monitored and maintained
- Government mandated pipeline inspection timeline and reporting

Competitive Advantages

- Significant productivity, cost and gas detection sensitivity advantages over competing technologies
- Leveraging \$40 million technology investment by Canadian space agency (high barrier to entry)
- Retained Intellectual Property
- Significant strategic partners
 - o TransCanada Pipelines (8% of transmission market)
 - o NYSEARCH Group: Enbridge, Keyspan Energy, National Fuel, Rochester Gas (9% of distribution market)

Customer Benefits

- An increase in revenue due to increased throughput of natural gas in the pipelines.
- A risk mitigation strategy to address:
 - o Increasing liability costs caused by aging infrastructure and workforce
 - o Increasing compliance costs caused by tightening regulations and closer environmental scrutiny
- An ability to prioritize and schedule maintenance and repair work on their asset base
- A turnkey third party service solution that provides a 25-30% cost savings on current expenditures

Shareholder Benefits

- A recurring revenue model from the long term customer service contracts
- An instrument design that requires very little incremental cost for market expansion by adding other gas sensing capabilities
- A reduction of methane as a greenhouse gas emission of as much as 10% of the Kyoto targets over the next 20 years

Why Invest NOW?

- Discounted pre-revenue market valuation
- Significant developments over the next 6 months
- Instrument deployment , completion of field trials
- Patent issuances likely
- Attracting global interest

The first market targeted by Synodon is the detection of hydrocarbon emissions for the oil & gas industry, estimated at \$1.6 billion annually. Of this, Synodon's initial sales focus will be on the underground natural gas pipeline leak detection market, which currently has expenditures of \$300 million every year and experiences more than two million leaks a year worldwide. In its current ethane-sensing configuration, realSens™ offers a very cost-effective leak detection service to operators of transmission and distribution natural gas pipelines.



Synodon Highlights

1. Disruptive technology –

Synodon's realSens™ is a unique, patent pending, technology that has seen in excess of \$47M in investments from its inception, as part of a Canadian Space Agency satellite application, to its commercialization. The realSens™ technology can be as sensitive as ground based hand held gas monitoring devices (the incumbent that currently has over 80% market share), but is aurally deployed, substantially increasing area coverage and productivity at a lower cost to the customer.

2. Huge Market Potential -

The current annual expenditures by the first target market for gas sensing solutions, the hydrocarbon industry, is estimated in excess of \$1.6B.

3. Domain Expertise -

Synodon's management and board contains former hydrocarbon industry executives with intimate knowledge of both the industry players and challenges facing the market. The team also includes a scientist, who is one of the original inventors of the realSens technology as well as a number of instrument design experts.

4. Investment Leverage –

The instrument has been designed as a platform, capable of being targeted at detecting multiple gases with minimal incremental cost. The business plan has been built utilizing a fee for service revenue model that uses instrument output data to deliver gas detection, monitoring and quantification information to the customer.

5. Green -

Methane is the second largest contributor (15%) to greenhouse gas emissions and has a atmospheric lifespan of 21 years or 5 time less than CO₂ (the largest contributor). Over a 20 year period, realSens, on a conservative estimate, can facilitate a 5 – 10% contribution towards North America's greenhouse gas reduction targets.

Board & Management

Adrian Banica - President & CEO

- Synodon is second venture enterprise; first one was sold to RheaGroup SA, Belgium
- 15 years in corporate management and technology commercialization

Nimal Rodrigo, CA - Chief Financial Officer

- 20 year finance veteran with over 12 years of CFO experience with public and private companies
- Extensive experience in multinational corporations in executive positions

Doug Miller - Chief Technology Officer

- 27 years in technology management
- Expertise in optical and space instrumentation, military and communication systems

Dr. Boyd Tolton - Chief Science Officer

- Inventor of the realSens™ Technology
- PhD in Physics, Atmospheric Sciences
- 15 years of sensing and development expertise

Chris Sheard - Chairman

- President of ATCOGas (1 million customer gas utility) between 1995 - 2000
- 28 years senior management in utility companies

Nancy Laird, MBA - Director

- Senior VP Marketing, PanCanadian, 97 – 02
- Director for Alter Nrg (TSX-V:NRG) and other public and private companies

Erv Lack, PEng - Director

- Managing Director of International Trade 1974 - 1996, Alberta Economic Development
- Extensive international business development expertise
- Director in 3 junior public companies

John Pinsent, CA - Director

- Partner with mid-sized accounting firm, senior manager with Ernst & Young LLP 1994 - 2005
- Chief Financial Officer of a retail company for 8 years
- Director in 4 junior public companies

Walter Stelmaschuk, MBA - Director

- Former Chairman for NQL Energy Services
- Former VicePresident for investment dealer Midland Doherty Ltd.
- Director in 2 junior public companies

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