



PRESS RELEASE

For immediate release

OPSENS ANNOUNCES REPEAT ORDER FROM A LARGE INTEGRATED OIL COMPANY FOR MULTI-WELL INSTALLATION OF FIBER OPTIC SENSORS

Quebec City, Quebec, February 26, 2009 – Opsens Inc. (“Opsens” or “the Company”) (TSX-V: OPS) today announced a new order from an existing client in the oil and gas to install in six production wells the Opsens’ OPP-W sensor systems used to deliver continuous monitoring of pressure and temperature at temperature up to 300° Celsius.

This order is the result of the successful completion of OPP-W sensor system installation on two Alberta Oil Sands production wells made more than ten months ago. This new multi-well order will allow the customer to have a fully instrumented pad of Steam Assisted Gravity Drainage (SAGD) wells of which they can obtain accurate pressure and temperature measurements during operation.

“This repeat order marks a significant milestone for our company,” said Opsens Solutions president Gaétan Duplain. “After successfully testing our sensor systems, the customer has recognized the reliability and performance of the technology and has decided to go a step further by deploying this technology on a larger scale”.

Opsens’ OPP-W fiber optic sensor system provides oil sands producers with reliable real-time downhole pressure and temperature information about their SAGD wells during operation. The ability to confidently control bottomhole pressure at high temperatures for artificial lift systems such as electrical submersible pumps allows SAGD operators to improve steam/oil ratios and to reduce operating and lifting costs. For multiple well operations, this can provide millions of dollars in savings by reducing water treatment costs and fuel required for steam generation.

“Optimizing production and operation is on every oil producer’s mind these days as the price of oil has fallen,” Mr. Duplain said. “We expect further sales into this sector in coming months as we conclude discussions with other major oil and gas producers.

About Opsens Inc. (www.opsens.com)

Opsens is a leading developer, manufacturer, and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary patented and patent-pending technologies. Opsens sensors provide long-term accuracy and reliability in the harshest environments. Opsens provides sensors to measure pressure, temperature, strain, and displacement to original equipment manufacturers (OEM) and directly to end-users in the oil and gas, medical, high-power transformers, and laboratory fields. Opsens provides complete technical support, including installation, training and after-sales service.

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



Forward-looking statements contained in this press release involve known and unknown risks, uncertainties and other factors that may cause actual results, performance and achievements of Opsens to be materially different from any future results, performance or achievements expressed or implied by the said forward-looking statements.

For further information, please contact:

Pierre Carrier
President and CEO
Opsens Inc.
Tel: 418.682.9996

Louis Laflamme, CA
CFO
Opsens Inc.
Tel: 418.682.9996