



PRESS RELEASE
For immediate release

OPSENS ANNOUNCES ORDER REPEAT FROM OIL SANDS CLIENT

Quebec City, Quebec, December 1, 2008 – Opsens Inc. (“Opsens” or “the Company”) (TSX-V: OPS) announced today that Opsens Solutions Inc., a wholly owned subsidiary specializing in reservoir surveillance solutions, has received an order to install sensors for a major oil sands producer.

The order, from an existing Opsens client, is valued at more than \$200,000 and entails the installation of conventional reservoir surveillance equipment and remote communication systems in observation wells. This project is a repeat order and very similar to work previously performed for the same client earlier this year. (See press release of January 9, 2008.) The current order also includes the installation of advanced satellite data communication systems on both the new wells and all previously instrumented wells.

Opsens Solutions provides and installs patented fiber optic sensors and conventional sensors to the oil and gas industry. Conventional sensors are appropriate for observation wells because the temperature is generally less than 50° Celsius, meaning that our more robust OPP-W sensor isn’t required, as it would be in a producing well, where temperatures can reach 300° Celsius.

“This order speaks to the strong relationships we are developing with our customers,” said Gaétan Duplain, president of Opsens Solutions. “As the project matures and reservoir solutions are required for injection and production wells, we are confident the client will again call on the proven expertise of Opsens Solutions.”

“Oil sands operators are always looking for cost-effective, reliable technology to optimize production and operating costs,” Mr. Duplain said. “Opsens Solutions has the expertise and the experience to help meet those challenges, and we expect to see this translate into increasing sales and market penetration.”

Opsens Solutions, based in Edmonton, is charged with the design, installation, service and replacement of sensors for the oil and gas market. Opsens’ proprietary OPP-W fiber-optic sensors are used to measure and monitor, in real-time, the pressure and temperature in steam assisted gravity drainage (SAGD) projects allowing an operator to optimize bitumen recovery, reduce operating costs, manage steam chamber growth and manage safe steam injection pressures.

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 patent 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 instrumentation, high-power transformers, and scientific and military laboratory fields. Opsens offers technical services, such as on-site installation, training, and turnkey fiber optic systems.

The TSX Venture Exchange does not accept 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
Chief Financial Officer
Opsens Inc.
Tel: (418) 682-9996