



PRESS RELEASE
For immediate release

OPSENS RECEIVES MULTI-WELL ORDER FOR FIBER OPTIC PRESSURE SENSORS FROM MAJOR ALBERTA OIL PRODUCER

Quebec City, Quebec, October 13, 2009 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) is pleased to announce it has received a significant order to supply its OPP-W fiber optic sensors for 26 wells in a SAGD oil sands project.

The buyer, a major oil and gas producer recognized for its leadership in Alberta, ordered the sensors after evaluating Opsens’ proprietary technology for 18 months on a smaller scale. The customer first assessed two OPP-W systems in SAGD production wells, and then expanded the trial to a complete pad of wells. The continued strong, reliable performance of the sensor systems over the 18 months led to the current order.

“This order from a leader in the oil and gas industry is a milestone for Opsens,” said Gaétan Duplain, President of Opsens Solutions Inc., Opsens’ Edmonton unit, which will execute the order. “The customer rigorously tested our fiber optic system, found our product has lived up and performed to its high expectations, and is now implementing the OPP-W systems on a commercial scale.”

Opsens’ OPP-W sensor system measures pressure and temperature, in real-time, at temperatures up to 300° Celsius continuously in SAGD wells. The capacity to control pressure and temperature at high temperature allows in-situ producers to improve steam/oil ratios, increase production and reduce operation and lifting costs. The integration of OPP-W sensor systems on a multi-well basis will allow unprecedented field-wide, real-time bottomhole pressure and temperature to operators, production engineers and reservoir engineers, enabling effective and timely heavy oil reservoir management decisions.

Opsens Solutions’ highly experienced engineering and fields services team will manage the design and technical services related to the contract. It plans to start installations immediately, with completion expected in the next coming months.

“Our decision to provide customers with a fully integrated offering has been validated by this substantial order,” said Pierre Carrier, President of Opsens. “Given this 26-well order, combined with other outstanding bids, we foresee strong consolidated revenue growth for fiscal 2010.”

About Opsens (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 end-users in the oil and gas, medical, high-power transformers, and laboratory fields. Opsens provides complete technical support, including installation, training, after-sales service, for its fiber optics systems that are regulated by the ISO 9001-2000 norm.

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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.

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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