



PRESS RELEASE

For immediate release

OPSENS ANNOUNCES TWO NEW ORDERS IN THE OIL AND GAS

Quebec City, Quebec, January 9, 2008 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) announced today two new orders for an estimated value over \$300,000 by its wholly owned subsidiary Opsens Solutions Inc. (“Opsens Solutions”) acquired on December 11, 2007.

The first order, the design and installation of three (3) conventional sensor observation wells, was granted by an existing Opsens client, a major oil sands operator. The second order was provided by another Canadian oil and gas producer to Opsens Solutions to design and fabricate a specialized elevated temperature/pressure cell for calibrating reservoir surveillance sensors. Opsens Solutions will also provide the calibration services prior to field deployment of the sensors.

Dr Rick Chalaturnyk, Executive Vice President at Opsens Solutions stated, “These orders confirm the confidence of our clients in Opsens’ expertise in the design and installation of optical and conventional sensor monitoring solutions for the oil and gas market. In addition to growing revenues generated by these activities, our high temperature/pressure expertise will provide the technical foundation for the installation, of Opsens’ state-of-the-art OPP-W optical sensor, expected in the short-term, used for continuous monitoring of downhole pressure and temperature (up to 300°C) and applied in the *Steam Assisted Gravity Drainage* (SAGD) production process.”

Opsens Solutions is initially targeting the oil sands market in Alberta, where SAGD is becoming the key production process, and where there is a potential for the installation of Opsens sensors in multiple oil wells. Opsens has already received an order from a major oil sands operator in Alberta for the supply and installation of Optical Sensing Systems. Canada has 179 billion barrels of oil reserves with 95% being oil sands, second only to Saudi Arabia. Canada is expected to increase its oil production by up to 500% by 2015. Opsens monitoring systems will provide continuous acquisition of downhole pressure and temperature allowing SAGD operators to control steam injection and fluid production; critical information for optimizing bitumen recovery rates, reducing operating costs, managing steam chamber growth and managing safe steam injection pressures.

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 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 end-users in the oil and gas, medical, energy, 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 press 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.

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