



PRESS RELEASE
For immediate release

**OPSENS ANNOUNCES ITS FINANCIAL RESULTS FOR THE QUARTER ENDED
FEBRUARY 28, 2007**

Quebec City, Quebec, April 24, 2007 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) disclosed today its interim financial results for the period ended February 28, 2007.

According to Mr. Pierre Carrier, President and Chief Executive Officer « The second quarter ended February 28, 2007 showed significant progress in each of the company’s sectors. In addition to the private placement completed with a premier US financial institution which provided Opsens a working capital of 2.9 M\$, commercial progress had been made in each of our markets. Also, Opsens is in the final development stage of its fiber optic sensor that measures pressure under high-temperature conditions up to 300 °C. This sensor is earmarked for oil wells using the *Steam Assisted Gravity Drainage* (“SAGD”) process. The SAGD is a process whereby oil sands are heated by injected steam to extract the oil. The SAGD is utilized for oil production in Alberta, the second largest crude oil reserve in the world.»

Interim financial results – three-month period ended February 28, 2007

For the three-month period ended February 28, 2007, revenues totalled \$265,513, or, a 25% increase compared to \$212,320 for the same period last year. The increase in revenues mostly stems from 93% increase in the sale of products for the quarter compared to last year’s quarter. Higher product sales had been generated by new products and the growing demand in our target markets, such as the medical, laboratory and electric power transformer markets.

Opsens’ net loss was \$519,579, including \$44,348 for stock-based compensation expenses related to stock options granted during the year compared to a net loss of \$182,241 for the quarter ended February 28, 2006. This net income variation was generated, in particular, by commercialization efforts, stock-based compensation expenses, accelerated R&D efforts mostly for the new high-temperature resistant pressure sensor earmarked for the oil market.

Marketing expenses for the three-month period ended February 28, 2007 stood at \$181,966 compared to \$85,968 for the same quarter last year. For the last quarter, commercialization expenses had been engaged for Oil and gas commercialization expected in a near future.

R&D expenses for the three-month period ended February 28, 2007 were \$236,780 compared to \$91,656 for the same quarter last year. The increase is attributable to accelerated R&D activities as well as to lower R&D tax credits.

Administrative expenses for the three-month period ended February 28, 2007 were \$179,460, including stock-based compensation expenses of \$44,348 compared to administrative expenses of \$97,239 for the same quarter last year. Except for the stock-based compensation expenses, this increase is mainly attributable to the hike in public relations and professional fees for the second quarter 2007.

Interim financial results – six-month period ended February 28, 2007

For the six-month period ended February 28, 2007, revenues totalled \$439,301, or, a 28% increase compared to \$342,658 for the same period last year. The increase in revenues mostly stems from 81% increase in the sale of products for the six-month period compared to last year’s quarter.

Opsens' net loss was \$1,081,735, including \$155,448 for stock-based compensation expenses related to stock options granted during the year compared to a net loss of \$375,747 for the six-month period ended February 28, 2006.

As at February 28, 2007, Opsens had cash and cash equivalents of \$2,346,812 compared to \$323,420 on August 31, 2006.

Results for the three-month and six-month periods ended February 28, 2007 and 2006

(In thousand of dollars, except for per share amounts)	Three-month period ended February 28, 2007	Three-month period ended February 28, 2006	Six-month period ended February 28, 2007	Six-month period ended February 28, 2006
	\$	\$	\$	\$
Sales	265	137	439	242
Partnership revenues	-	75	-	101
Revenues	265	212	439	343
Cost of sales	198	82	317	166
Gross margin	67	130	122	177
Administrative	179	97	428	150
Marketing	182	86	412	150
R&D	237	92	363	173
Financial (income)	(11)	37	1	80
	587	312	1,204	553
Loss before income taxes	(520)	(182)	(1,082)	(376)
Income taxes	-	-	-	-
Net loss	(520)	(182)	(1,082)	(376)
Net loss per share - Basic	(0.02)	(0.01)	(0.04)	(0.02)
Net loss per share - Diluted	(0.02)	(0.01)	(0.04)	(0.02)

About Opsens

Opsens is a leading developer, manufacturer and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary and patent pending technologies. Opsens sensors provide long-term accuracy and reliability in the harshest environments and are able to address various critical measurement requirements notably in the oil and gas field. Opsens provides patent pending sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, energy and laboratory fields. Opsens offers technical services, 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.

Contacts: Pierre Carrier
President and Chief Executive Officer
Telephone: (418) 682-9996

Louis Laflamme, CA
Chief Financial Officer
Telephone: (418) 682-9996