



PRESS RELEASE
For immediate release

**OPSENS INC. NAMES YVES PLAMONDON AS VICE PRESIDENT
SALES & MARKETING**

Quebec City, Quebec, April 16, 2007 – Opsens Inc. (TSX VENTURE EXCHANGE : OPS) (“Opsens”) has announced today the nomination of Yves Plamondon to the position of Vice President Sales & Marketing. M. Plamondon will be responsible to develop, optimize and execute an aggressive commercialization strategy and to lead the Opsens’ sales team in the medical, energy and scientific laboratory markets.

M. Plamondon, member of *l’Ordre des Ingénieurs du Québec*, has developed a vast expertise in optical devices commercialization. He has held positions such as vice president sales and marketing for Nortel, Cogeco Câbles Canada and Gentec Électro-Optique.

M. Plamondon affirmed: « My background and experience in High-Tech and Optical companies provide me with the ability to assess Opsens’ bright future. I am highly motivated to join the Opsens team which had developed an extensive product portfolio for its targeted markets. »

M. Pierre Carrier, President and Chief Executive Officer said: « We are very pleased to welcome M. Plamondon in our team. Plamondon’s expertise, markets knowledge and motivation will be a key contributor for the success of our commercialization activities. His past partnership with some of our key International Distributors should lead to a quick integration. »

Grant of stock options

Opsens’ Board of Directors also authorized the grant of a total of 200,000 stock options to M. Plamondon. Under the provisions of Opsens’ stock option plan, each stock option granted will entitle its holder to subscribe for one Opsens common share at a price of \$0.95 per share until April 15, 2012. Such options granted will be acquired over a period of four years at rate of 25 % per year, the first tranche being acquired at the end of the first year following the granting of the options.

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 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.

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

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