



PRESS RELEASE

For immediate release

OPSENS ANNOUNCES AN ORDER FROM A EUROPEAN MEDICAL CUSTOMER

Quebec City, Quebec, November 21 2007 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) announces an order awarded through one of its distributors for over \$400,000 from a global leader in medical technology. This order is related to the supply of LifeSens OEM boards with their patented White-Light Polarization Interferometry (WLPI) technology.

This additional recognition follows the March 22, 2007 and August 13, 2007 press releases. This order is the first phase in a two-year supply agreement between the company’s European distributor and the global leader in medical technology. The new order meets short term customer needs and is likely to generate additional orders in future.

“The customer’s appreciation of the LifeSens miniature version validates Opsens’ strategy to attack the medical device market. Opsens’ OEM signal conditioners and the 0.4 mm miniature optical pressure sensors meet our clients’ needs not only in system accuracy, but also in size and in cost. In addition, Opsens continues to increase its high-potential customer list within the medical industry,” said Claude Belleville, vice-president of the medical sector at Opsens.

Opsens’ miniature pressure sensor permits the reduction of catheter size which represents a considerable advantage over conventional systems. With this size reduction ability, the sensor allows for less invasive catheterization practices, makes once impossible, practices possible, provides extended capabilities for new applications, and at the same time delivers high fidelity pressure measurement. The advantages inherent to optical sensors, such as the immunity to magnetic resonance imaging (MRI) and radiofrequency interference (RFI), make it the only sensor safe for magnetic resonance and electro-surgery environments which are increasingly used in medical practices. The single-use optical pressure sensor will also create recurring revenue in the medical industry.

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

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