



**PRESS RELEASE**

*For immediate release*

**OPSENS INC. ANNOUNCES AN ORDER FROM A HIGH-POTENTIAL CLIENT  
IN THE MEDICAL INDUSTRY**

**Quebec, Quebec, March 22 2007** – Opsens Inc. (TSX stock exchange: OPS) (« Opsens ») announces an order awarded from a European client, one of the lead suppliers in the cardiac assist application.

This first award of Opsens 50 units of LifeSens OEM board, a system designed for the medical industry, constitutes the second step in confirming Opsens as its OEM supplier. Before the reception of this order, Opsens' OEM signal conditioner and miniature optical pressure sensor of 0.4 mm based on its patent-pending White Light Interferometric technology have gone through vigorous performance testing and evaluations. The new order's objective is to evaluate Opsens as a high-volume supplier and the success of this could generate important order for signal conditioners and optical pressure sensor.

“Opsens works with a pool of high-potential clients who are renowned in the medical industry, amongst them, our commercial partnership with a Japanese company in which the device is in the process of obtaining the Japanese regulatory approval. This recent success represents our first step to the European medical industry and a firm confirmation on Opsens' capacity in supplying leading solutions that meets the stringent requirements in the medical industry. Opsens' system meets not only our client's needs in system accuracy, but also in size and in cost.” said Claude Belleville, vice-president, medical.

Opsens' miniature pressure sensor permits the reduction of catheter size which represents a considerably advantage against conventional system. The ability in size reduction allows lesser invasive catheterization practices, enables new practices which were not possible in the past; provides extended capabilities for new applications yet, delivering high fidelity pressure measurement. The advantages inherent to optical sensors 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 employed in the medical practices. The single-use optical pressure sensor will also create recurring revenue in the medical industry.

**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.

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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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