



Press Release
For Immediate Dissemination

OPSENS WELCOMES DARREN WILTSE TO LEAD OIL & GAS ACTIVITIES

QUEBEC CITY, Quebec, September 1st, 2010 – Opsens Inc. (TSX Venture: OPS) ("Opsens") is pleased to announce that Darren Wiltse has been named President of Opsens Solutions Inc. ("Opsens Solutions").

"Darren has a proven record of managing high-growth technical teams with value-added solutions. Bringing him in to direct Opsens Solutions' global growth and technology development will enable Opsens Solutions to better serve its rapidly increasing customer base in the oil & gas business", said Pierre Carrier, Chairman of the Board, President and CEO for Opsens Inc.

Darren Wiltse has over 28 years of both domestic and international experience in the upstream oil & gas industry and served as the COO of Impact Drilling Ltd., a Canadian drilling company, before it was sold to Western Energy Services Corp.

Mr. Wiltse began his oil and gas career as a Drilling Engineer with Petro Canada. He worked for several oil & gas services companies in manufacturing, marketing and oil and gas production before joining Weatherford Canada where he worked for 12 years. When he left Weatherford, he was Director of Technical Services and responsible for defining the strategy, execution and management of a new artificial lift system for SAGD oil sands recovery.

"I am excited to be a part of the industry-leading Opsens Solutions team," said Wiltse. "Opsens Solutions provides world class solutions based on intellectual property in the fiber sensing business. With growing markets within the oilsand insitu space and the capability of Opsens' OPP-W sensor system to measure pressure and temperature, in real-time, at temperatures up to 300° Celsius continuously in SAGD wells, the Company is poised for significant growth in the coming years. I look forward to working closely with our existing customer base and expanding our markets to solidify Opsens Solutions' global presence and deliver on our promise to provide value added monitoring solutions to our customers."

As President, Darren will take on responsibility for all aspects of Opsens Solutions' business.

Mr. Gaetan Duplain will remain chairman of the Board of Opsens Solutions Inc. and Vice-President of the Oil and Gas division of Opsens Inc. He will keep playing a critical role within the oil & gas team and will act as a key player in fostering Opsens Solutions' product offering for the oil & gas industry.

Fiber optics can bring improved measuring solutions to SAGD oil recovery. Opsens intends to bring to the market new products like Cap Rock Integrity sensors, third party Distributed Temperature Systems (DTS) associated with our unique OPP-W fiber optic sensor.

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 patented 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, and laboratory fields. Opsens provides complete technical support, including installation, training, after-sales service, for its fiber optics systems that are regulated by the ISO 9001-2008 norm.

Opsens was recognized as a TSX Venture 50® company in 2010. TSX Venture 50 is a trademark of TSX Inc. and is used under license.

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For further information, please contact:

Pierre Carrier
President and Chief Executive Officer

Tel: 418.682.9996

Louis Laflamme, CA Chief Financial Officer Tel: 418.682.9996