



FOR IMMEDIATE RELEASE

PV Labs and Telops Introduce New ISR Tool for Chemical Detection

Toronto, Canada – September 28, 2011 – PV Labs Inc., a high-end image acquisition and analytics company, and Telops, a leading supplier of infrared hyperspectral imaging sensors, today announced successful aerial performance testing for their new multi-intelligence Hyperspectral Imaging (HSI) system.

Hyperspectral Imaging (HSI) and High Spatial Resolution Remote Sensing are used in a wide variety of applications related to the detection and identification of chemical threats for military forces. PV Labs collaborated with Telops to design and deliver new levels of Hyperspectral Imaging by combining the HSI with high resolution EO and IR sensors, packaged in a high stability gimbal system optimized for NADIR looking applications. The new sensor system combines the world class performance of Telops' LW-IR Hyperspectral Imaging and high resolution EO and IR sensors with PV Labs' Look Down Gimbal (LDG) to deliver new levels of performance in aerial platforms, which can operate on a wide variety of aircraft including MALE category UAS and King Air 350.

"PV Labs' HSI system is an extremely valuable addition to the Intelligence, Surveillance and Reconnaissance (ISR) tool kit, providing protection of civil and military interests against Chemical Warfare Agents and Toxic Industrial Chemicals releases", said Ty J. Stattuck, President and CEO of PV Labs. After testing a wide range of targets at the Defence Research and Development Canada (DRDC) proving grounds in Valcartier, Quebec, operating scenarios were evaluated specifically for meeting the challenges of rapid conversion of image data for decision support intelligence.

Telops President and CEO, Jean Giroux, said "We are excited about this new capability that offers the PV Labs state-of-the-art Gimbals for our Hyper-Cam and other EO and IR sensors. This collaboration opens-up new possibilities for our customers to take full advantage of Hyperspectral Imaging".



About PV Labs

Headquartered at McMaster University Innovation Park in Hamilton, Ontario, Canada, PV Labs Inc. designs, develops and manufactures high-end image acquisition and analytics solutions for industrial & infrastructure, entertainment and security & surveillance applications. World leaders in specialized aerial camera systems for Intelligence, Surveillance and Reconnaissance, PV Labs provides solutions for persistent wide area surveillance, hyperspectral imaging and intelligence data gathering and distribution systems optimized for bandwidth-constrained data links.

About Telops

Telops is a leading supplier of high performance infrared cameras and hyperspectral imaging systems for defence and security, environmental and industrial applications. Telops also offers R&D services for optical system technology development. In addition to providing specialized opto-electronic engineering services, Telops has also developed the new HD-IR 1280 High Definition Scientific Infrared Camera, the FAST-IR 1000, the first 1,000 FPS Infrared Camera, the TEL-1000, and the powerful Hyper-Cam providing information rich data for a wide variety of applications. With Telops Systems, you will detect, identify and quantify remote substances previously invisible.

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