



## News Release

For Immediate Release

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### NovAtel's New SPAN-CPT™ GPS/INS Receiver Delivers Exceptional Navigation Capabilities

**(Calgary, Alberta, Canada, June 5, 2008)** — NovAtel Inc., a leading original equipment manufacturer (OEM) of precise positioning technology, announced in May, the launch of SPAN-CPT™, a powerful single enclosure, tightly-coupled GPS/INS receiver. SPAN-CPT will be available for customers to view at AUVSI's Unmanned Systems North America 2008.

SPAN-CPT integrates NovAtel's OEMV® GNSS precision receiver technology with fiber optic gyro and MEMS accelerometer inertial components from KVH Industries in one compact unit. The tight-coupling of the GPS and INS technologies within SPAN-CPT optimizes the raw GPS and IMU data, delivering a superior position, velocity and attitude solution. Comprised entirely of commercial components, SPAN-CPT has no special export restrictions, minimizing the operational complexities for customers whose products cross international boundaries.

"NovAtel is excited to be working closely with an innovative partner like KVH Industries to bring state-of-the-art products like SPAN-CPT to market. This product extends our SPAN portfolio into markets that have been difficult to penetrate with standard two-box GPS/INS solutions, due to high price or complex export controls," said Graham Purves, Vice President, Sales and Marketing for NovAtel Inc.

The unique manner in which NovAtel couples the GPS and INS technologies provides a significant advantage over the competition. In most GPS/INS systems, GPS data is used to aid the INS, to control the errors in the INS. With SPAN-CPT, as with all NovAtel SPAN products, the INS data aids the GPS as well. This tight-coupling of the two technologies enables continuous robust positioning in challenging navigation environments where GPS signals are unreliable or unavailable for short

periods of time. SPAN-CPT also supports standard SPAN technology features including L-Band corrections, dual-frequency RTK, and NovAtel's patented PAC correlator technology.

"Our close and successful collaboration with NovAtel, one of the world's premier GPS innovators, offers a remarkable new GPS/INS solution for a wide array of applications worldwide," adds Dan Conway, KVH's Vice President for Business Development. "The combination of NovAtel's GPS technology with our precision fiber optic gyros led to an entirely new single enclosure approach to GPS/INS systems, saving customers space and weight in their installations without compromising accuracy or performance."

NovAtel expects to begin production of SPAN-CPT in July, 2008.

For information on other SPAN™ products, please visit [www.novatel.com/products/span.htm](http://www.novatel.com/products/span.htm)

\* NovAtel is a registered trademark of NovAtel Inc.

## About NovAtel

NovAtel Inc. is a leading original equipment manufacturer (OEM) of precision Global Navigation Satellite System (GNSS) components and subsystems, including receivers, antennas, enclosures and firmware. An ISO certified company, NovAtel's products are developed for efficient, rapid integration into our customers' precise positioning applications. These applications include surveying, Geographical Information System (GIS) mapping, precision agriculture machine guidance, port automation, mining, marine and defense industries. NovAtel's reference receivers are at the core of national aviation ground networks in the USA, Japan, Europe, China and India. The Company maintains its leadership position through significant R&D investment focusing on the modernized Global Positioning System (GPS), the revitalized Russian GLONASS and the emerging European Galileo satellite systems, as well as the integration of additional complementary technologies such as Inertial Measurement Units (IMUs). NovAtel Inc. is based in Calgary, Canada and is part of the Hexagon Group, Sweden. For more information, visit: [www.novatel.com](http://www.novatel.com).

## About KVH Industries Inc.

KVH Industries, Inc., is a premier manufacturer of systems to provide access to live mobile media ranging from satellite TV to telephone and high-speed Internet for vehicles and vessels as well as a leading source of navigation, pointing, and guidance solutions for maritime, defense, and commercial applications. The company's products are based on its proprietary mobile satellite antenna and fiber optic technologies. An ISO 9001-certified company, KVH is based in Middletown, Rhode Island. For more information, visit: [www.kvh.com](http://www.kvh.com)

