

# NovAtel Expands IMU Options for SPAN GNSS+INS



NovAtel has announced the addition of two new Inertial Measurement Unit (IMU) products to its SPAN technology portfolio. SPAN tightly-couples NovAtel's industry leading Global Navigation Satellite System (GNSS) precise positioning technology with robust Inertial Navigation Systems (INS) to provide continuous 3D position, velocity and attitude solutions. The Litef-  $\mu$ IMU-IC is suited for aerial and hydrographic survey as well as space constrained industrial applications.

The  $\mu$ IMU is available as a complete assembly in an environmentally sealed enclosure or as a standalone OEM product, both compatible with the company's OEM6 and OEM7 SPAN receivers.

NovAtel has also developed an enclosure for the Honeywell HG1900 IMU, which was previously available only as an OEM product. The IMU-HG1900 IMU offers a hybrid package of Honeywell's Micro Electromechanical Systems (MEMs) Gyros and RBA accelerometers. The enclosure is designed to provide system integrators with design versatility, offering LED indicators and simplified cabling that can be extended in length as required. Both cabling and connectors are available off-the-shelf for added convenience.

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