

OxTS Adds xOEMcore to Product Range



OxTS has announced its newest OEM offering to system integrators. The xOEMcore is a standalone IMU on offer from OxTS, although the custom-built system has been a major part of existing products like the xNAV series. In addition to containing 6-axis gyros and accelerometers on a miniature OEM board set, the small IMU block also houses an on-board processor running the Kalman filter. This means users can get the raw IMU measurements like a standard IMU, or they can pair it with an external aiding device such as GNSS receivers and the xOEMcore will take care of the sensor fusion.

[OxTS](#) is known around the globe for their MEMS based inertial navigation systems. With the xOEMcore, integrators get access to the high-grade MEMS IMU with the additional option of taking advantage of OxTS's advanced sensor fusion and GNSS processing. gx/ix

technology is available with the xOEMcore providing a tightly coupled solution with inertially-aided RTK relock for robust performance in even the harshest GNSS environments.

Whether using GNSS, Lidar, WiFi or other aiding devices, the xOEMcore seamlessly fuses the measurements with the inertial data. This combines the reliability and stability of inertial systems to ensure users get a continuous, robust solution at 100Hz with minimal latency.

The xOEMcore is due to launch early 2015.

<https://www.gim-international.com/content/news/oxts-adds-xoemcore-to-product-range>
