

Septentrio Showcasing UAV GNSS Solutions at Esri UC



Septentrio is showcasing its latest GNSS systems and software solutions for GIS professionals at the 2016 Esri User Conference in San Diego, USA, from 28-30 June, with a special focus on the rapidly growing market for UAV-based aerial survey.

Taking centre stage will be Septentrio's suite of products designed specifically for aerial surveys. They include the compact [AsteRx-m UAS](#) onboard GNSS receiver and GeoTagZ high-accuracy UAV positioning software, which is optimised for automatic interface with Esri ARCGis and Drone2Map platforms.

Demand for UAV imagery is booming in the GIS marketplace as a fast and efficient alternative to ground-based surveys for applications such as mapping, photogrammetry, infrastructure inspection and natural disaster monitoring, said Neil Vancans, vice president of Septentrio Americas. To meet that demand, Septentrio is bringing to market a range of hardware and software solutions that will make it easier than ever for Esri users to capture, georeference, process and visualise drone-captured imagery.

Esri

Septentrio is also introducing new firmware for its NR2 GNSS receivers and the PinPoint-GIS utility software for terrestrial applications. NR2 V1.2.0 offers a host of new connectivity features, including direct dial-up, dynamic DNS, base-rover Wi-Fi point-to-point connection and other new features that will streamline field work. PinPoint-GIS has also been enhanced to provide seamless integration with Esri's Collector for ArcGIS.

Septentrio is pioneering the way by which Esri users collect data, said Gustavo Lopez, product manager at Septentrio. GeoTagZ and PinPoint-GIS bring more accuracy and flexibility into the field by combining the power of Septentrio's GNSS products with the user-friendly interface of Collector for ArcGIS. From the air to your own device, you are guaranteed accuracy and reliability in your GNSS positioning by using GeoTagZ to georeference aerial photos and PinPoint-GIS to harness the power of GIS data, Lopez continued.

Esri User Conference attendees are invited to visit Booth 2633 for a first-hand look at Septentrio's solutions for the full range of aerial and ground-based GNSS solutions for GIS, including the new-generation APS-3G multi-constellation RTK receiver, which was just introduced to the market.

To learn more about Septentrio and its products, visit: www.septentrio.com.

Image courtesy: Esri.