

# PRODUCT SHOWCASE

GEOCONNECTION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

## SEPTENTRIO UNVEILS ASTERX-M3, THE NEXT GENERATION OF HIGH-PRECISION GNSS RECEIVERS

Septentrio, a provider of high-precision GNSS positioning solutions, announced an expansion of its GPS/GNSS OEM portfolio with AsteRx-m3 product family. AsteRx-m3 receivers target various use cases and offer flexibility and affordability with no compromises of performance. They feature the **lowest power consumption** on the market, allowing **longer operation times**. Their new easy-to-integrate design ensures short set-up times and faster time-to-market. All AsteRx-m3 products represent the next generation of technology in the GNSS OEM market, delivering centimeter-level accuracy, availability and reliability in a credit-card sized board. The new product family includes 3 types of GNSS OEM boards. [www.septentrio.com](http://www.septentrio.com)

## SIMACTIVE DEVELOPS NEW WORKFLOW FOR FASTER PROCESSING OF LARGE PROJECTS

SimActive, a developer of photogrammetry software, announced a new workflow to accelerate processing of large projects. These can comprise several **tens of thousands of images**, which can now be collected very quickly using today's commercial drones. The new workflow allows hardware resources to be managed dynamically, automatically adapting processes to PC specifics. It also handles input/output in a way that optimizes reading/writing of data. [www.simactive.com](http://www.simactive.com)

## RIEGL PRESENTS NEW PRODUCTS AT INTERGEO 2020

The globally active Austrian laser scanner manufacturer showed at the virtual RIEGL booth and in the online forums of INTERGEO 2020 DIGITAL. The **RIEGL VUX-120** was presented, a new LiDAR sensor that again sets standards. The sensor, which weighs only 2kg (4.4 lbs) and measures only 225x120x125 mm, features up to 1.8 MHz PRR (Pulse Repetition Rate) and delivers up to 400 scan lines and effective 1.5 million measurements per second on the ground. In addition, the **miniVUX-3UAV** is an extension of the already proven miniVUX series. This compact and lightweight sensor will now have a 300 kHz PRR measuring program in addition to the already existing 100 kHz and 200 kHz measuring programs. With the new **VQ-1560II-S** RIEGL presents another version of the successful dual channel waveform-processing airborne laser scanning systems for acquisition of extremely dense, highly accurate point clouds. [www.riegl.com](http://www.riegl.com)



## LEICA GEOSYSTEMS CONTINUES AIRBORNE HYBRID ROAD MAP WITH LATEST MODULAR SENSOR OFFERING

Leica Geosystems, part of Hexagon, introduced the Leica TerrainMapper-2, the latest solution in the company's hybrid sensor road map that integrates **LiDAR and image capture technology** in airborne sensors and allows users to collect more data per flight. Developed to execute complex and challenging regional mapping projects, the TerrainMapper-2 incorporates **new imaging technology** and reduces system complexity for higher efficiency. The upgrade of the TerrainMapper-2 to an integrated system controller and storage makes it easy to install in any survey aircraft by eliminating the additional equipment rack. The system also offers a seamless upgrade path to the Leica CityMapper-2, the markets only oblique imaging and LiDAR hybrid sensor. [www.leica-geosystems.com](http://www.leica-geosystems.com)



## HEXAGON UNVEILS HXGN SMART CENSUS 2020 FOR ENHANCED CITIZEN DATA COLLECTION

Hexagon's Geospatial division has launched HxGN Smart Census 2020, a significant update to its end-to-end **population and housing census management solution**. The latest release improves digital enumeration by allowing households to complete census questionnaires online or over the telephone, significantly reducing the need for in-person interviews and field-based data collection. HxGN Smart Census 2020's new **Computer-Assisted Telephone Interviewing** and **Computer-Assisted Web Interviewing modules** complement its existing Computer-Assisted Personal Interviews capabilities, enabling multimodal electronic data collection by national statistics offices. The telephone- and web-based capabilities will reduce administrative burden and costs, increase privacy for households and help government agencies and officials safely conduct a census in the pandemic era. Currently, HxGN Smart Census 2020's self-enumeration capabilities are being implemented and tested in Europe for an upcoming 2021 census. [www.hexagongeospatial.com](http://www.hexagongeospatial.com)

