

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

GARMIN G1000H NXI-EQUIPPED BELL 407GX1 HELICOPTER ACHIEVES IFR CERTIFICATION

Garmin International, a unit of Garmin Ltd., announced the **G1000H NXi** integrated flight deck has received Instrument Flight Rules (IFR) certification. Bell recently achieved this certification in the 407GX1, which gives pilots the flexibility of operating in degraded weather conditions with valuable situational awareness tools and advanced capabilities in a next generation integrated flight deck. IFR certification meets the needs of single-engine helicopter owners and operators and is also a requirement for the U.S. Navy Advanced Helicopter Training System competition.

The G1000H NXi offers a number of safety enhancing features and optional capabilities that are tailored to helicopter pilots. Pilot workload is significantly reduced with Helicopter terrain awareness warning system (HTAWS), which offers vibrant five-colour display shading and audible voice callout alerts for powerlines and potential terrain and obstacle hazards along the flight path. The addition of helicopter synthetic vision technology (HSVT) seamlessly blends topographic database information to display real-time 3D images. www.garmin.com



GMV SPEARHEADING THE DEVELOPMENT OF POSITIONING TECHNOLOGY FOR AUTONOMOUS VEHICLES

The technology multinational **GMV** announced the award of an important contract for development of a precise satellite-based (GNSS) positioning system with integrity for the new generation of autonomous vehicles of the German carmaker **BMW Group**. Autonomous driving calls for technology and systems providing a positioning service with the maximum precision, safety and reliability. This is where GMV's inhouse autonomous-car solutions come into their own, based on global navigation satellite systems and drawing on the company's proven expertise and experience in the space sector.

The Spanish multinational's technology solution is going to be developed for the first time in BMW Group's autonomous vehicles. This positioning software calculates the vehicle's position and other magnitudes, using advanced GMV-developed algorithms, including components that have already been patented. These algorithms have been especially modified and adapted to meet BMW Group's performance and safety requirements. Not only that, but the developed software will abide by the most demanding automotive standards and the highest quality levels of safety-critical software. www.gmv.com



OXTS LAUNCHES THE NEXT-GENERATION RT

The next-generation RTs feature a range of improvements and innovations that make them easier to setup and use. Upgraded processing hardware and a new **Novatel OEM7720** receiver boost the next-gen RT's core functionality, while a host of new connectivity options and built-in features that simplify configuration and data extraction. Key to the enhanced ease of use of the new **RT3000 v3** is the integration of the RT-Range Hunter processing engine, turning the RT device itself into a single-box solution for ADAS testing. With less hardware to install, reduced network complexity and less time spent troubleshooting, even the most complex ADAS tests can now be performed more quickly and with minimal fuss.

The next-generation RT products also feature a range of upgraded and enhanced connectivity options to further enhance ease of use, reduce set-up and configuration time and speed up data extraction. The addition of onboard Wi-Fi prevents the needs for additional cabling, allowing the RT unit to be installed in an otherwise out-of-the-way location without impeding data access. www.oxts.com



TRIMBLE INTRODUCES NEW COMPACT-SIZED TABLET FOR GEOSPATIAL FIELD APPLICATIONS

Trimble announced the launch of the latest addition to its portfolio of data collectors—the **Trimble T7 tablet**. Purpose-built for survey and Geographic Information System (GIS) data collection applications, the next-generation tablet connects to Trimble's suite of survey instruments and Global Navigation Satellite System (GNSS) receivers in a portable and ultra-rugged package. Equipped with a tough 7-inch multi-touch screen, modular expansion capability, multiple connectivity options and featuring a Windows 10 Professional operating system, the T7 streamlines the flow of geospatial data between the field and office for maximum efficiency and productivity. www.trimble.com



IMAGE OF THE MONTH



Airbus SPOT 6 - Glacier Perito
Moreno in Patagonia, Chile
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