

# PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

## 1 SXBLUE INTRODUCES ITS ULTIMATE SURVEY GRADE GNSS RECEIVER

The latest model in the **SXblue** series the **SXblue Platinum**, has just been announced. This high accuracy GNSS receiver is compatible with iOS, Windows and Android Bluetooth, and provides real-time professional-grade positioning information. Powered by its 394 channels, the SXblue Platinum uses all-in-view constellations (GPS, GLONASS, Galileo, BeiDou and QZSS) with triple frequency, and provides the ability to use global or local coverage for corrections (SBAS, L-Band and RTK). With the scalable SXblue Platinum Basic, users can activate any frequency or constellation at anytime following initial purchase. The receiver is also field-upgradable which means that these options can be remotely activated at your convenience. In addition to location performances when working in a restricted environment, the SXblue Platinum is introducing an L-band signal correction via the Atlas service. This worldwide satellite-based correction system can deliver up to sub-decimeter accuracy. [www.sxbluegps.com](http://www.sxbluegps.com)

## 2 GSSI ANNOUNCES NEW ENGINEERING FOCUS ON DEVELOPING CUSTOMIZED GPR SOLUTIONS

**GSSI** announces a new engineering initiative focusing on using **GPR** to solve difficult problems that cannot be solved with any other technologies. **GSSI's** **PaveScan® RDM** asphalt density assessment tool, which provides accurate real-time measurements to ensure pavement life and quality, was originally developed as part of the Federal Highway Administration's Strategic Highway Research Program (SHRP2). The commercial version is now being used by state departments of transportation in Minnesota, Alaska, Maine, and Florida, as well as globally in transportation research projects conducted by universities. The GSSI custom solution applications engineering team has developed GPR systems for golf course irrigation inspection, tree root inspection, horizontal drilling, detecting the porosity of bricks, and border patrol tunnel inspection systems. Applications under development include use of GPR to establish precise soil elevation and inspection of large and expensive equipment tires used in mining. [www.geophysical.com](http://www.geophysical.com)

## 3 UNIQUE STYLE FOR NEXT-GENERATION GARMIN® D2™ CHARLIE AVIATOR WATCH

**Garmin International, Inc.** announced the **D2 Charlie aviator watch**, an elegant and functional timepiece that boasts global navigation information, rich and colorful moving maps and a host of connectivity options. Designed with pilots, aviation enthusiasts and aspiring pilots in mind, the D2 Charlie aviator watch features real-time worldwide weather radar, as well as airport information that includes frequencies, runway information, weather data and more. Garmin Elevate™ wrist heart rate technology also allows customers to measure heart rate 24/7 alongside daily activity tracking. Whether climbing into the cockpit, playing a round of golf or in the boardroom, using the new QuickFit™ bands pilots can easily switch between the stylish titanium or leather bands to a sporty silicone band in seconds to suit style preference. The D2 Charlie comes with a sporty silicone band and also comes with free lifetime aviation database updates. [www.garmin.com](http://www.garmin.com)

## 4 FLIR RELEASES FLIR BLACKFLY S GIGE MACHINE VISION CAMERA FAMILY

**FLIR Systems Inc.** released a new **Gigabit Ethernet-based (GigE)** machine vision camera, the **FLIR Blackfly S**. Ideal for a range of applications including display and PCB inspection, microscopy, robotics, 3D scanning, intelligent traffic systems, the Blackfly S gives machine vision developers the tools to quickly develop innovative solutions by combining the latest CMOS sensors, GigE Vision compatibility, and advanced on-camera features. The first three Blackfly S GigE Power over Ethernet (POE) models feature the 5MP Sony Pregius IMX264, the 1.3MP On Semiconductor PYTHON 1300, and the 3.1MP Sony Pregius IMX265 sensors. Through the acquisition of Point Grey Research in 2016, FLIR Systems is a global leader in the design and manufacture of high-performance digital cameras for industrial, medical and life science, traffic, biometric, geographic information systems (GIS), and people counting applications. [www.flir.com](http://www.flir.com)

