

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

1 GARMIN® INTRODUCES MAJOR ENHANCEMENTS TO GARMIN PILOT™ FOR EUROPEAN OPERATORS

Garmin International Inc. has announced new enhancements made available within the **Garmin Pilot app for iOS** mobile devices. Pilots flying around the globe, including Europe, are now offered the option of filing VFR flight plans for free directly with the country **Aeronautical Information Service (AIS)** with a Garmin Pilot subscription. Additional features for iOS include a flight profile view, new VFR charts for the United Kingdom and France, customized personal minimums, preferred runway selection based on favorable winds, aera® 660 integration and new, cost-effective pricing subscriptions. Rich, interactive maps integrated within Garmin Pilot offer comprehensive coverage throughout Europe, so flight planning is simple. Unique to Garmin Pilot, a radial menu provides easy on-screen access to create user waypoints, navigate direct-to, graphically edit flight plans, view weather conditions and airport information at a glance. www.garmin.com/aviation.

2 TOPCON ANNOUNCES NEW SCANNING SOLUTION TO CHANGE ROAD RESURFACING WORKFLOW

Topcon Positioning Group announces a new vehicle-mounted resurfacing solution for paving and milling projects, the **SmoothRide™** system. It uses a combination of core Topcon technologies designed to deliver the smoothest surface possible, while efficiently managing the quantity of material for each project. The workflow consists of a vehicle-mounted road scan, existing and finish surface design, and machine control using GNSS with sonic tracker sensor guidance, each phase devised to contribute an overall time and cost savings, as well as maximize crew safety for projects. Once the road information is gathered, operators can use **Mobile Master Office** point data processing software to recreate the existing surface. **MAGNET® Office with Resurfacing** is then used to digitally create a high-resolution model of the required finished mat. The resurfacing module allows operators to create a design using specific regulatory requirements such as minimum thickness, desired cross-slope, and overall smoothness. www.topconpositioning.com

3 THE MOST RUGGED WINDOWS TABLET IN THE WORLD IS NOW SHIPPING

Juniper Systems, Inc., has announced that its new **Mesa 2™ Rugged Tablet** is now shipping. As the first **Windows 10** device produced by Juniper Systems and the only IP68-rated Windows tablet on the market, the Mesa 2 joins a new category of data collection solutions, one that provides users with greater processing power and capabilities. With Windows 10, the Mesa 2 Rugged Tablet allows users to conduct the entire data collection process, from the initial planning and gathering of data, through data analysis, and finally, through the decision-making process. This is a significant advantage the Mesa 2 provides over Windows Embedded Handheld-operated devices, which require that users upload collected data to a computer for further analysis. With its quad-core processor, the Mesa 2 is powerful enough to even be used in place of a desktop computer. www.junipersys.com/mesa2.

4 LEICA GEOSYSTEMS SMART ANTENNA PROVIDES SUPERIOR PERFORMANCE

Leica Geosystems has released the **GMX910**, a smart, flexible antenna for all GNSS monitoring applications. Professionals of critical projects have an affordable, high quality device, customisable to fit all of their project requirements. Part of Leica Geosystems' cutting-edge GNSS technology, the antenna supports multiple GNSS satellite systems and signals. Reliable, built to endure and easy-to-use, this antenna is equipped with both GNSS antenna and receiver, the smart antenna is an all-in-one performer for any monitoring installations. This device can also enable dynamic monitoring with up to 10 Hz data streaming and advanced multi-frequency, multi-constellation tracking. Starting with the basic GPS single frequency receiver and adding multiple upgradable options, this antenna fits the needs of diverse monitoring projects. The **Leica GMX910** adapts perfectly to a wide range of GNSS monitoring applications, from complex man-made to natural structures. The smallest movements of bridges, dams or high-rise buildings are detected in real-time. www.leica-geosystems.com



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