

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

1 WORLD'S LIGHTEST AND MOST ACCURATE LIDAR SOLUTION FROM YELLOWSCAN

YellowScan has announced the global launch of its new **LIDAR UAS** surveying solution with highest accuracy and most dense geo-referenced point cloud data. R&D development for the **YellowScan Surveyor** solution started in early 2015 with the same philosophy and technology foundation that has made the **YellowScan Mapper** so successful. With a robust and fully integrated system designed to meet the needs of most demanding survey professionals and terrain, YellowScan Surveyor is quick and easily adapted to any drone, generating data when and where you need it. The team has carefully selected and deployed the best high-end components for unparalleled performance, for example, the **Applanix APX15** single board **GNSS-Inertial** solution chosen for its highly accurate position and orientation for direct geo-referencing. The YellowScan Surveyor complements the YellowScan product family with a solution ideally suited for precise topography and demanding requirements for civil engineering and mining applications. www.yellowscan.fr

2 NEW LEICA GEOSYSTEMS REFERENCE SERVERS AND MONITORING RECEIVER

Leica Geosystems has released the latest generation of reference servers and monitoring receiver, optimised with multi-frequency 555 channel capabilities to connect with current and all anticipated GNSS signals. The new **Leica GR30 and GR50 reference servers** and **GM30 monitoring receiver** are primed for the constantly changing requirements of GNSS technology. Now equipped with 555 channels, the new reference stations and monitoring receivers support all global **GNSS constellations**, such as **GPS, GLONASS, Galileo** and **BeiDou**, as well as regional systems such as **QZSS** and **SBAS**. Seamlessly working with a multitude of signals, monitoring professionals as well as geodetic research and engineering specialists can be confident they will obtain the highest quality data and continuous, uninterrupted accuracy for outstanding processing performance. These new reference servers and monitoring receiver are a vital part of Leica Geosystems' innovative GNSS streamlined solution. www.leica-geosystems.com

3 NEW COMPACT ULTRA-LOW FREQUENCY SUB- BOTTOM PROFILING SYSTEM FROM FSI

Falmouth Scientific, Inc. continues to grow their Sub-Bottom product line with the addition of the new **HMS-AT650 Compact ULF Sub-Bottom Profiling System**. It is ideal for applications that require high resolution CHIRP sub-bottom images along with deeper penetration in difficult sediments such as hard-packed sand. The new Compact ULF System generates CHIRP signals in the 200 Hz to 2 kHz frequency range and is suitable for operation in a variety of array configurations to support many different shallow water sub-bottom profiling applications. It fills the application space between FSI's Bubble Gun™ Family of Portable Seismic Systems and the rest of FSI's CHIRPceiver™ compatible transducer offerings. Components of the ULF System include a standard single or dual frequency CHIRPceiver™, a dedicated ULF Matching Driver, the HMS-AT650 transducer, and a specialized hydrophone streamer. The transducer can be either mounted on a rigid support or towed behind a small vessel. www.falmouth.com



4 ARBOR RUGGED ATEX COMPLIANT DIN-RAIL PC

ARBOR Technology has announced the release of the **ARBOR ARES-530WT**, a new DIN-rail fanless embedded controller based on the **Intel® Bay Trail** processor platform. The industrial-grade ARES-530WT addresses the needs of customers who require a wider operating temperature range from -40 to 80 °C, as well as more extensive I/O and configuration options. The ARES-530WT meets the demands of extreme industrial automated management and control applications in potentially explosive or hazardous

atmospheres such as mining, oil & gas, and many manufacturing operations. Connected to centralized monitoring systems, the ARES controller can collect and manage real-time data including volume, temperature and pressure of gases, vapors or liquids, ensuring operator and plant safety, security and reliability. Thanks to its fanless and cableless design, the ARES-530WT offers protection against dust contamination, thus guarding against operation shutdowns while extending product life. www.arbor-technology.com



V100

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IP67