

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

1 TOPCON RELEASES NEW 3D SCANNERS

Topcon Positioning Group has announced the release of three new laser scanners - the **GLS-2000S**, **GLS-2000M** and the **GLS-2000L**. The scanners are designed to capture data based on the measurement range needs of specific applications. These new **GLS-2000** scanners offer purposeful solutions and versatility that comes from the multiple measurement modes with each model, the S model is optimized for short-range applications, while the M and L models are perfect for medium and long-range measurement fields, respectively. Using **Topcon Precise Scan Technology II**, the GLS-2000 models are designed to emit pulse signals three times faster than earlier GLS systems, which enables timing to be detected more precisely resulting in reduced noise and higher-accuracy data. Additionally, the systems feature dual 5MP cameras, including one with a 170-degree wide-angle lens for high-speed imaging. When paired with **Topcon ScanMaster** software, the models provide complete systems for capturing and processing 3D point cloud data www.topconpositioning.com

2 TRIMBLE'S NEW HIGH-SPEED DATA COMMUNICATIONS LINK FOR INDUSTRIAL APPLICATIONS

Trimble has introduced the new **Trimble® TMR1 data link**, an advanced, software-defined industrial, scientific and medical radio band, networked transceiver providing license-free wireless communications around the world. The **TMR1** data link offers dual-frequency operation with 902-928 and 865-870 MHz, available throughput up to 2.6 Mbps, and range as high as 110 kilometers. With the seamless integration of serial and Ethernet, coupled with the high throughput, video can easily be streamed across the data links or sensors such as flowmeters or temperature/pressure gauges can be installed for continuous **Supervisory Control and Data Acquisition (SCADA)** and monitoring applications. The TMR1 data link is ideal for a broad range of industrial control applications including electric utilities, water/wastewater management, machine control for agriculture and construction. The Trimble TMR1 data link is an ideal, secure, high-speed radio transceiver for field operations that can deliver connectivity in the harshest environments. www.trimble.com.

3 TOMTOM LAUNCHES THE TOMTOM TRUCKER

TomTom has announced an addition to its portable navigation device line-up, specifically for people who drive large vehicles for a living. The compact **TomTom TRUCKER 5000**, with a 5" screen size, ensures that drivers are on the right road because it includes customised routes for the user's specific vehicle type, size, weight, cargo and speed. Through award-winning **TomTom Traffic** and advanced routing technology, drivers get a realistic ETA based on vehicle profile and real-time traffic information. The TomTom TRUCKER informs drivers about traffic and speed cameras on their route - the information is displayed in the route bar on the device - making users aware of the position of speed cameras, but also where the tail end of a traffic jam begins. To avoid unnecessary surprises, the TomTom TRUCKER comes with **Lifetime Truck Maps** at no extra cost. Users can always drive with the latest truck maps - updated four times per year. www.tomtom.com

4 TALLYSMAN™ INTRODUCES THE VERAPHASE™ 6000 HIGH PRECISION GNSS ANTENNA SERIES

Tallysman has made commercially available the **VeraPhase™ 6000 High Precision GNSS Antenna Series**. This family of antennas provides the lowest axial ratios across all GNSS frequencies, great front to back ratios at all elevations, high efficiency, a tight PCV, and a consistent PCO through all frequencies. The performance of the **VeraPhase™** rivals that of choke ring antennas but is much lighter, smaller, and more economical. All these features makes this antenna family ideal for use in survey, precision RTK, and Reference antenna applications. This antenna also provides an available PCB within the base of the antenna for integration of a custom system board such as a dual band or RTK GNSS receivers or other applications. Each antenna has a well defined Phase Centre Offset relative to the Antenna Reference Plane. www.tallysman.com

