

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

SILICON SENSING INTRODUCES A NEW 9 DOF INERTIAL MEASUREMENT UNIT

Silicon Sensing Systems has launched a new 9 degrees of freedom (DoF) inertial measurement unit (IMU) which extends the performance of its predecessor, the **DMU30**, whilst delivering a dramatic reduction in volume, weight and power consumption. At only 50x50x50mm, and weighing just 200g, the new DMU41 represents a **54% reduction in volume** and a **42% reduction in weight** over the DMU30. In addition, it has a **power consumption 50% lower** than DMU30's typical usage. With these remarkable decreases in scale and power consumption the DMU41 brings **ultra-precise motion sensing** to far smaller and more restricted platforms and applications whilst delivering performance that competes directly with far heavier, larger and more costly, fibre optic gyro-based units. www.siliconsensing.com



TRIMBLE ANNOUNCES RUGGED, LIGHTWEIGHT FIELD DATA CONTROLLER FOR LAND AND CONSTRUCTION SURVEYING

Trimble introduced the Trimble TSC5 Controller, a new rugged-yet-lightweight field solution that continues Trimble's legacy of creating **high-quality controllers** for **land and civil construction surveyors**. Built for practical, everyday tasks, the Trimble TSC5 combines high performance and dependability so professionals can complete tasks efficiently and accurately. The Trimble TSC5 features a **5-inch screen, keypad** and **all-day battery** for reliable field data collection. Its ergonomic design is lightweight, easy to grip and ideal for rugged environments. The TSC5 is resistant to shock, dust and water. A brightly lit, anti-glare screen and backlit alphanumeric keypad enable fast, efficient operation in tough conditions, even while wearing gloves. The controller's battery provides all-day power on a single charge, with the optional external battery nearly doubling the power for extended use. www.trimble.com



NEW SOKKIA TOTAL STATIONS DESIGNED AS PART OF FULL, PRODUCTIVE WORKFLOW SOLUTION

Sokkia announces the availability of new robotic total stations designed to improve job site productivity. The **iX-1200** and **iX-600 total stations** are professional-level positioning tools for survey and layout in the building construction and infrastructure trades. Engineered for integration with field controllers, software and GNSS receivers, the total stations are designed as part of a **full workflow solution**. Ray Kerwin, director of global product planning, said, "The high-performance technologies incorporated into the design provide **increased prism-tracking strength**. Through a combination of optical sensing and ultrasonic motors, UltraTrac technology helps users stay **locked onto the prism** — and productive with less down time resulting from the need to reacquire prism lock — even in dynamic job site conditions." www.topconpositioning.com



RIEGL ANNOUNCES NEW PRODUCTS IN THE ALS AND MLS SECTOR

The new **RIEGL VQ-780 II-S** is a high performance, rugged, lightweight, and compact **airborne laser scanner** with increased laser power. This versatile system is designed for highly efficient data acquisition at low, mid, and high altitudes, covering a variety of different airborne laser scanning applications from high density to wide area mapping. The sensor provides up to 1.33 million measurements/sec on the ground, up to 2 MHz PRR, an extremely dense scan pattern, and a wide effective swath width. The new **RIEGL VMY-2** is a compact, economically priced **Dual Scanner Mobile Mapping System**, that is well suited for a variety of mobile mapping applications. The core component of the system is two kinematic RIEGL miniVUX-Series LiDAR sensors, mounted in a well proven angled orientation which enables simultaneous forward and backward looking to reduce scan shadows. www.riegl.com

