

PRODUCT SHOWCASE

GEOCONNECTION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

MOSAIC-X5 OPENS THE DOOR TO ULTRA-PRECISE POSITIONING FOR HIGH-VOLUME APPLICATIONS

Septentrio, a worldwide provider of high-precision GNSS positioning solutions, announced that it is starting high-volume production of **mosaic TM-X5**, the **next-generation multi-constellation and multi-band receiver module**. Featuring the latest GNSS technology, mosaic TM-X5 brings centimetre-level positioning to technologies such as **robotics, automation, smart wearables** and **telematics** among others. Its small form factor and low-power design makes high-performance positioning accessible to volume applications. Septentrio's mosaic TM-X5 was conceived to be the first GNSS receiver module on the market without performance compromises. Featuring **complete multi-frequency multi-constellation technology** mosaic TM receives every existing and future signal from all GNSS constellations including the American GPS, European Galileo, Russian GLONASS, Chinese BeiDou, Japanese QZSS, Indian NavIC and L-Band satellites. Such signal diversity allows maximum positioning availability even in difficult environments such as near tall structures or under foliage. www.septentrio.com

HEXAGON UNVEILS LUCIAD 2020

Hexagon's Geospatial division has launched **Luciad 2020**, a significant update to its platform for building advanced location intelligence and real-time, situational awareness applications. Luciad 2020 delivers even faster and more **powerful 3D visualization and analysis** capabilities. It also extends the portfolio with **LuciadCPillar**, an API for C++ and C# developers to incorporate advanced geospatial visualization and analysis into their applications. Hexagon's Luciad portfolio allows developers to create powerful, high-performance applications that leverage data from any source for visualization and analysis in 2D and 3D. Combining static, dynamic and real-time data, including moving tracks, Luciad-powered applications support **defense, aviation, infrastructure** and other critical sectors. For the 2020 release of LuciadRIA, which is used for building browser-based solutions, Hexagon has added interactive model placement, interactive mesh operations and additional capabilities for viewing and analysing infrastructure in 3D. www.hexagon.com

PHASE ONE INDUSTRIAL LAUNCHES 280MP AERIAL SOLUTION

Phase One Industrial, a pioneer in digital imaging excellence, launched the 280MP Aerial Solution – a large format aerial photogrammetric system, with an image coverage width of more than **20,000 pixels** – enabling unprecedented high quality aerial survey productivity. Compact and lightweight, this new aerial mapping solution can reduce operating costs and produce better returns on investment than today's traditional large format systems. The Phase One Industrial 280MP Aerial Solution is a large format camera system that easily integrates with **DSM400** gyro-stabilized mount creating a compact and lightweight system for use in a wide range of aircraft. At its heart, the iXM-RS 280F is a dual lens metric camera, with **90mm** lenses for capturing RGB information, providing precision imaging. Adding a near infrared (NIR) camera generates a **4-band configuration**, most useful in agriculture & forestry and pipeline monitoring missions. www.phaseone.com



LEICA GEOSYSTEMS ANNOUNCES NEW MOST ACCURATE TOTAL STATION

Leica Geosystems, part of Hexagon, announced the new **Leica Nova TS60** total station, with newly integrated **DynamicLock** and **AutoHeight** features. The new version of the TS60 total station is now equipped with DynamicLock, allowing the instrument to lock onto a moving prism, and devised with AutoHeight, enabling users to get the instrument's height with a simple button press. With these new integrated capabilities and **sub-second** and **sub-millimetre accuracy**, the TS60 is the most accurate total station for minimising risks of downtime and unexpected costs and delays. The TS60 is the only total station in the market that enables users to work with an angular accuracy of 0.5" and a distance accuracy of 0.6mm + 1ppm. Designed and manufactured to the highest levels of quality, this high-end total station is the best fit for most demanding projects due to its reliability even in the harshest conditions. www.leica-geosystems.com