

NEWS & EMERGING TECHNOLOGY

NANOAVIONICS TO LAUNCH ITS 5TH SATELLITE RIDESHARE MISSION WITH NEW MP42 BUS ABOARD SPACEX TRANSPORTER-4

Smallsat integrator NanoAvionics has announced its latest satellite rideshare mission "MP42" to be launched aboard a **SpaceX Falcon 9** with payloads from **OQ Technology** and **Veoware**. Using the prototype of its new MP42 microsatellite bus, it is the fifth shared satellite mission by NanoAvionics, which has been one of the firsts companies in the nanosatellite industry to successfully kickstart and continue such a commercial programme. The launch of NanoAvionics' satellite has been booked for the **SpaceX Transporter-4** mission, planned for 2022. The MP42 is also the company's largest built satellite yet and the first commercially available modular microsat bus in the industry. www.nanoavionics.com



HXGN CONTENT PROGRAM INTRODUCES DIGITAL TWINS OF MAJOR CITIES

Hexagon's Geosystems division announced Metro HD city data, a new offering of **ultra-high-resolution 2D** and **3D digital twins** of major cities as an off-the-shelf product through the HxGN Content Program. In addition to the Content Program's standard product offerings of orthophotos and digital surface models, Metro HD will expand the data stack to include high-definition true orthophotos, obliques, digital terrain models, LiDAR point clouds, 3D building models (LOD2), 3D meshes, and land use maps. Cities captured in 2021 include Munich, Cologne, Vienna, Milan, Amsterdam, Stockholm, Tokyo, Dallas, New York, Stuttgart and Frankfurt. More cities will be added in early 2022. The program uses a hybrid urban mapping sensor, the **Leica CityMapper-2**, that concurrently collects LiDAR and aerial imagery. www.hexagon.com



SIMACTIVE DEVELOPS WORKFLOW FOR NEW DJI L1 LIDAR SYSTEM

SimActive announces an enhanced software workflow for DJI users operating their new L1 LiDAR systems. It allows the **validation of LiDAR point cloud accuracy**, the transfer of photo identifiable control from LiDAR to imagery, and the colorization of LiDAR with color balanced mosaics. **Vertical Aspect**, a company based in Texas bringing 30 years of experience in rotary flight and survey operations, is one such user. In conjunction with their **DJI L1 LiDAR system**, SimActive Correlator3D software enhances the data captured allowing it to create robust deliverables, while minimizing field work and processing time per project for their topographical surveys. www.simactive.com



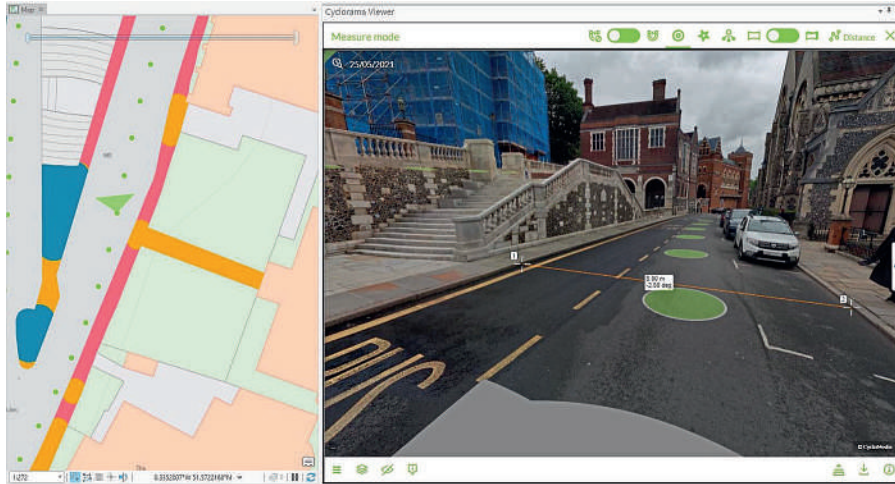
KOREC GROUP SEEKS TO EXPAND WORKFORCE IN IRELAND AND UK WITH 30 NEW POSITIONS

KOREC announced that group expansion means they are now seeking to fill 30 new positions, in a range of departments, across the UK and Ireland. These new roles include openings in **Cambridgeshire, Dublin and Liverpool**. KOREC specialises in bringing geospatial technology to the UK and Irish markets, all backed up by in-house **software development, training, technical support and servicing**. Through partnerships with companies such as **Trimble, Esri and Parrot**, KOREC aims to provide its customers with a wide range of ground-breaking geospatial technology. This offering includes everything from high accuracy GPS, 3D Laser Scanners, drones and robots to AI, Mixed Reality and Mobile Mapping solutions. www.korecgroup.com



LONDON BOROUGH OF HARROW CREATES DIGITAL TWIN WITH NEW STREET IMAGERY AND LIDAR DATA

The London Borough of Harrow has added high definition street-level imagery and LiDAR data to its **Esri UK corporate GIS system**, giving staff access to a highly accurate digital twin of the borough. Part of Harrow's strategy to explore new digital approaches and advance its digital twin agenda, the move is designed to improve the efficiency of various tasks in **planning, highways** and **Council Tax** and reduce the overall need for physical site visits. Provided by Esri UK partner **Cyclomedia**, the new imagery and associated LiDAR data provides a **full 3D digital representation** of the environment and can be viewed simultaneously alongside other geospatial data within the Esri GIS, such as street furniture, council tax records, planning applications and Ordnance Survey data. www.esriuk.com



TRIMBLE EXPANDS SENSOR INTEGRATION AND SUPPORT FOR ITS GEOSPATIAL MONITORING SOLUTION

Trimble introduced the latest version of its core geospatial automated monitoring software—Trimble 4D Control version 6.3. The software provides **automated movement detection** to enable informed decisions about infrastructure for surveying, construction and monitoring professionals. Version 6.3 adds new capabilities for the software to work in combination with the **Trimble SX Series Scanning Total Stations'** advanced imaging and measurement capabilities. This version also supports vibration and weather station sensors and a streamlined workflow between the **Trimble Access Monitoring Module** in the field with the new **T4D Access Edition** used in the office. Enhancements made to Trimble's core geospatial monitoring software provide increased accuracy; simplified sensor data collection, reporting and alarms; and make it possible to seamlessly move from semi-automated to fully automated monitoring on a project. www.trimble.com



EOS POSITIONING SYSTEMS BECOMES ESRI PARTNER NETWORK GOLD PARTNER

Eos Positioning Systems a global provider of GNSS receiver design and manufacturing across multiple industries, announced its participation in the Esri Partner Network Gold Program. This recognizes a new level of commitment from both Eos (formerly a Silver Program partner) and Esri toward **furthering field location technology** used among GIS professionals worldwide. The Esri Partner Network is a global ecosystem of thousands of organizations that deliver location-enabled hardware, services, and solutions worldwide. With the Gold partnership, Eos now joins other **Esri-aligned companies**. This distinction recognizes Eos's global expertise in deploying ArcGIS-friendly location hardware and solutions globally for utilities, municipalities, and other organizations.

www.eos-gnss.com

UP42 UNVEILS VERY HIGH-RESOLUTION IMAGERY FROM AIRBUS PLÉIADES NEO SATELLITES

UP42 announced the immediate availability of very high-resolution optical imagery from the **Airbus Pléiades Neo constellation** on the UP42 geospatial marketplace and developer platform. Pléiades Neo's unique combination of **30cm native spatial resolution**, daily revisit, and faster tasking/data delivery will benefit end users in all sectors, most notably Urban Mapping, Infrastructure Monitoring, Disaster Response, Insurance, and Agriculture. The flexible UP42 platform provides the building blocks for geospatial companies to scale their products and businesses faster, further and cost effectively. UP42 customers may now plan, place, and track orders for Pléiades Neo acquisitions. For the many UP42 customers who access data and algorithms through the platform API, Pléiades Neo tasking will be available immediately.

www.up42.com

GEOCUE EXPANDS TRUE VIEW 3DIS LINE WITH TRUE VIEW 435

GeoCue announced the expansion of its True View 3D imaging sensors (3DIS). The True View 435 is GeoCue's next-generation topography/wire grade LIDAR/Imaging sensor. Featuring a 16 beam **Hesai PandarXT LIDAR unit**, world class Trimble **Applanix APX-15 Position/Orientation System (POS)** and dual GeoCue mapping cameras, the True View 435 is the highest performance **3D Imaging system** available in its price class. The True View 435 has a pulse repetition rate of 320,000 out-going pulses per second with an in-track field of view of +/- 15° of nadir. The sensor can detect up to two return pulses ("echoes") per outbound pulse. This provides excellent look angles for collecting power pylons/towers as well as superb, multiangle penetrating power in vegetated areas. www.geocue.com



PIX4D LAUNCHES VIDOC RTK ROVER IN THE USA AND CANADA

Pix4D, a provider of photogrammetry solutions, has made the viDoc RTK rover available for purchase in the USA and Canada. The viDoc rover and PIX4Dcatch solution can replace the need for cumbersome and expensive survey tools such as **RTK GNSS rovers** and **terrestrial scanners** for a fraction of the price. When paired with the PIX4Dcatch mobile app, the two products create a workflow that turns **iPhones** or **iPads** into an **accurate terrestrial scanning device**, with centimeter-accurate RTK positioning from your existing NTRIP network. PIX4Dcatch also takes advantage of LiDAR scanners in the latest devices, which are also leveraged during data capture and processing to improve scale and completeness. The result is a survey-grade tool in the pockets of professionals, replacing heavy LiDAR scanners and rovers. www.pix4d.com



BLUESKY CYCLOMEDIA PARTNERSHIP COMBINES AERIAL AND MOBILE MAPPED DATA FOR VIRTUAL CITY MODELS

Aerial mapping company Bluesky International is working with the Dutch mobile mapping specialist **Cyclomedia** to bring together imagery and height data, captured from the air and at street level, to fuel a growing demand for **virtual city applications** in the UK. Cyclomedia currently captures and processes around **375,000 miles of 360-degree panoramic street level images** and **LiDAR data** worldwide – the equivalent to 30 million recordings a year. Enhanced by powerful Artificial Intelligence powered analytics, this data provides large scale systematic visualisations of physical environments, using specialised technology, from moving vehicles. Using its hybrid airborne sensors, Bluesky has already flown many UK cities. www.bluesky-world.com



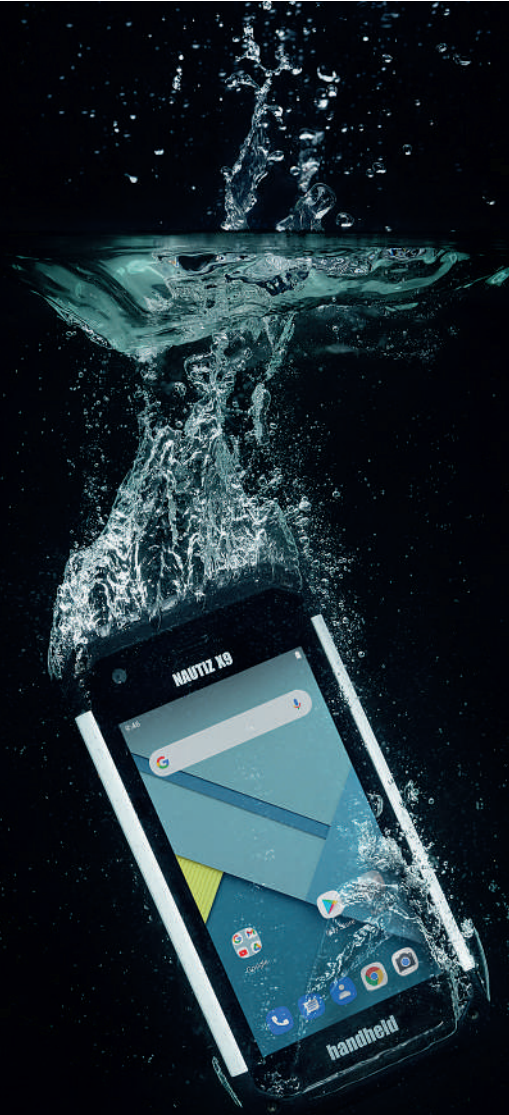
SEPTENTRIO PARTNERS WITH ARDUSIMPLE, BRINGING RELIABLE GPS/ GNSS TO EMERGING APPLICATIONS

Septentrio, a provider of high-precision GNSS positioning solutions, announced that its compact GNSS modules **mosaic-X5** and heading module **mosaic-H** are being integrated into evaluation kits developed by **ArduSimple**. With these new kits ArduSimple brings to market triple-band RTK as a plug-and-play solution for the most popular development platforms like Arduino, STM Nucleo, Raspberry Pi, Ardupilot and Nvidia Jetson. ArduSimple enables applications of the future, including robotics, UAV and autonomous systems, to easily try out mosaic, a unique module offering the latest high-performance GNSS positioning technology. www.septentrio.com



NAUTIZ X9

THE ULTIMATE OUTDOOR-RUGGED PDA



TOUGH, TOUGHER, TOUGHEST

The Nautiz X9 PDA is as tough as they come. Targeted for demanding outdoor applications in forestry, public safety, field service and GIS/surveying, the Nautiz X9 continues Handheld's tradition of delivering unyielding ruggedness and maximum performance without compromise.

Learn more at www.handheldgroup.com/nautiz-x9 or scan the QR code



handheld

TERRASOLID MAPS THE WORLD IN 3D

The dual-screen, stereoscopic 3D PluraView monitors from Schneider Digital visualize **point clouds** in the highest 3D-stereo display quality and are 'plug & play' compatible with the **TerraStereo software** by Terrasolid. For the spatial viewing and measurement of 3D models, TerraStereo relies on the detailed, high-contrast 3D-stereo display of passive, double-screen beamsplitter systems, the **3D PluraView** series from **Schneider Digital**. These high-end displays are the de-facto industry standard for all stereo-capable LiDAR, photogrammetry and GIS applications. The color representation of RGB-textured point clouds is truly amazing on the powerful and innovative **3D-stereo display systems** from Schneider Digital. With a razor-sharp display in real time, they are completely flicker-free and can be used 'plug & play' for all TerraStereo functionality, such as precise 3-axis measurement in 3D space. www.pluraview.com



TUNDRA DRONE INTEGRATED WITH UGCS INTEGRATED SYSTEMS SOLUTIONS

SPH Engineering and France-based Hexadrone partner to integrate TUNDRA drone with a **ground-penetrating radar**. The trial flight was conducted in Balogi, Latvia and confirmed the compatibility of the drone with a GPR sensor to perform near surface surveys. The integration was performed to unlock a new type of drone for industrial, hydrographic, urban and environmental data collection with the use of a GPR, magnetometers, methane detectors, echo sounders. The solution consists of **UgCS software** for mission-planning, **UgCS SkyHub hardware** (on-board computer) for data accumulation, **Radar Systems Zond Aero GPR** and **Hexadrone TUNDRA drone**. Main advantages of the Tundra drone include a modular and multipurpose body that can be integrated with almost any payloads, accessories and modules available on the market or in development. www.sph-engineering.com

TOPCON POSITIONING GROUP EXPANDS GLOBAL HEADQUARTERS

Topcon Positioning Group has announced the opening of the new John D. Dice Training Center at its global headquarters in **Livermore, California**. Seated on nearly 6 acres, this newly constructed facility marks the latest addition to a growing network of **Topcon Training Centers** around the world. John D. Dice, director of Professional Services, has been with Topcon since 1984. He has been instrumental in the development and continued success of the company's distributor and customer training programs. Throughout his 37-year career with the company, John has been a leader in training, support, and improving the Topcon customer experience. John has traveled the world providing classroom instruction and hands-on exercises to ensure students receive as much experience as possible. www.topconpositioning.com



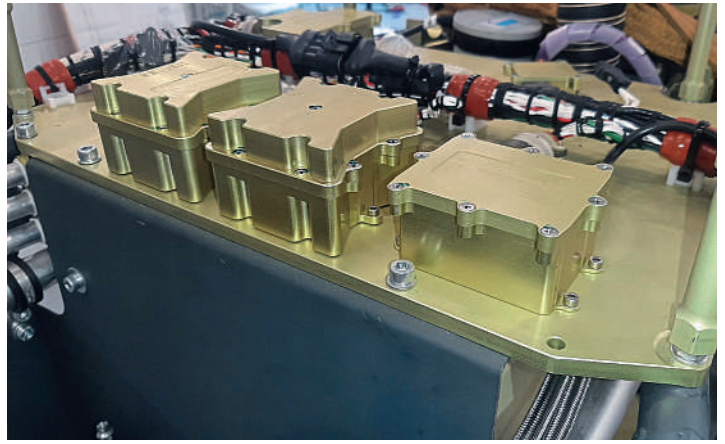
SSC ROLLS OUT THE WORLD'S FIRST GLOBAL KA-BAND NETWORK

Swedish Space Corporation (SSC) gears up to meet the growing capability need for Earth Observation missions. By upgrading its polar and equatorial locations to support **Ka-band data reception**, SSC rolls out a truly global Ka-band network mainly focused on EO missions. This important milestone will enable Earth Observation missions to use **higher bandwidths** and receive **larger data volumes**, allowing space companies to use their assets more effectively. The upgrade spans across SSC's strategic locations in Punta Arenas in Chile, Sri Racha in Thailand, Inuvik in Canada and Esrange in Sweden, as well as the SSC partner station in Weilheim in Germany. www.sccspace.com



UAVOS UAS AUTOPILOT SOFTWARE UPGRADED

UAVOS has launched a next-generation AUTOPILOT featuring **advanced control algorithms** for navigation and stabilization, powerful **processing upgrades** and an updated interface of **Portable Ground Control Unit**. Next-generation Autopilot solution gets a massive boost in speed and processing capacity, increases longevity, ease of support and integration capabilities. The UAVOS' family of autopilot systems have operated in thousand flight hours on a variety of UAV platforms such as the **Saker Medium Altitude Long Endurance (MALE)** UAV, **HiDRON** stratospheric glider, **ApusDuo** high altitude stratospheric platform (HAPS), a range of piloted aircraft converted into drones, and unmanned helicopters designed to be operated fully autonomous. www.uavos.com



NV5 GEOSPATIAL EXPANDS MOBILE MAPPING FLEET WITH STATE-OF-THE-ART RIEGL VMX-2HA PLATFORM

RIEGL announced that NV5 Geospatial, North America's largest geospatial data firm, has acquired the new **RIEGL VMX-2HA dual scanner mobile mapping system**. The solution will initially deploy in utility and transportation projects and enable NV5 Geospatial to collect highly accurate, feature-rich data at highway speeds. The flexibility, ease of setup, and smaller footprint will also allow the use of the VMX-2HA on various platforms, including boats, all-terrain vehicles, and trains. The RIEGL VMX-2HA delivers mobile point clouds at a resolution of **1,000 to 4,000 points per square meter (pops)** and **0.08' vertical accuracy** in terms of 95% confidence intervals. It also features a high-speed 10GigE link, which supports reliable data acquisition of up to 2 million measurements per second and image data from all integrated cameras. www.riegl.com



UNIFLY AND DRAGONFLYPADS JOIN FORCES TO ENABLE DRONE USE FOR LAST-MILE DELIVERY

DragonFlyPads, Unifly and partners carried out a series of unprecedented tests for parcel delivery by drone at **Rungis International Market**, the biggest food market in France, located in a busy urban environment only 15 km from Paris, France and 3 km from Orly international airport. DragonFlyPads installed a vertiport (drone reception station) capable of accommodating surveillance and cargo drones of any brand, while Unifly provided **Unmanned Traffic Management (UTM)** technology to ensure situational awareness and ability to manage the drone traffic. Over the course of two weeks, about more than **30 surveillance flights** and over **50 transport flights** took place day and night within the Rungis Market, with the participation of several wholesalers. www.unify.aero



EAASI ELECTS EXECUTIVE COMMITTEE TO PROMOTE AERIAL SURVEYING IN EUROPE

The European Association of Aerial Surveying Industries (EAASI) has extended the mandate of the Executive Committee to continue to promote the benefits of aerial surveying to the wider commercial and government sectors. At the **16th Board Meeting**, which took place in Belgium and online, the Members of the Board confirmed Simon Musäus, Vice President, Hexagon GCS, as President, André Jadot, CEO of Eurosense, as Vice President and Rachel Tidmarsh, Managing Director of Bluesky International, as Treasurer for the period **2021-2023**. The Board defined EAASI's strategy going forward to 2023 with a strong emphasis on **member engagement, lobbying and marketing**, and the furthering of **industry standards**. The Board of Directors expressed its confidence in the work of the outgoing and future Executive committee and renewed its strong commitment to achieving the mission of making the European aerial surveying business sustainable. www.eaasi.eu



1SPATIAL PARTNERSHIP CONTRACT WIN FOR UK GOVERNMENT PROJECT

1Spatial, a global provider of Location Master Data Management (LMDM) software and solutions, announced the award of a major new multi-year contract following a competitive tender, in partnership with a consortium. The 5-year contract, which is expected to have a total value to 1Spatial of **£8.0 million**, is the second largest contract announced by the Group within a few weeks. It will deliver a significant multi-year **digital transformation programme** for a department of the UK Government. The contract comprises recurring software licences (around £1.2 million ARR value, expected to commence in early 2023) and software configuration and integration services worth £8.0 million in aggregate over five years, of which £2.1m is expected to be delivered over the next two financial years. www.1spatial.com

UKHO BECOMES STRATEGIC MEMBER OF OPEN GEOSPATIAL CONSORTIUM

The Open Geospatial Consortium (OGC) announced that the UK Hydrographic Office (UKHO) has strengthened its long-standing relationship with OGC by enhancing its membership level from Technical to Strategic to provide greater leadership, boost innovation, and advance geospatial data for the marine industry. The UKHO has long been a champion of **open standards** and **innovation** at OGC. As a Strategic Member, UKHO will augment its expertise and leadership offering to OGC, while providing greater access to and usage of its marine geospatial data. In this new capacity, UKHO will support the **OGC Planning Committee (PC)** and **Strategic Member Advisory Committee (SMAC)** by providing leadership through the exploration of market and technology trends to ensure that OGC's activities remain effective and agile in a changing technology environment. www.ogc.org



TDI-BROOKS COMPLETES GEOTECHNICAL PROGRAM IN GULF OF MEXICO

TDI-Brooks recently completed a Geotechnical Site Investigation for Beacon Exploration & Production LLC ("BOE") in the deepwater **Gulf of Mexico**. The project consisted of 'heavy' geotechnical coring/ cone penetration testing ("CPT") with TDI-Brooks' research vessel, the **R/V GYRE**. The project included the acquisition of 20-m Jumbo Piston coring, 40 meter CPT-Stinger samples and 40 meter Shelby-tube Stinger samples. TDI-Brooks worked closely with BOE and BSEE in expediting the permit. Following completion of the geotechnical coring campaign, TDI-Brooks shipped the soil samples back to its certified soil testing laboratory in **College Station, Texas** for the post-survey onshore testing and completion of a factual testing report. www.tdi-bi.com

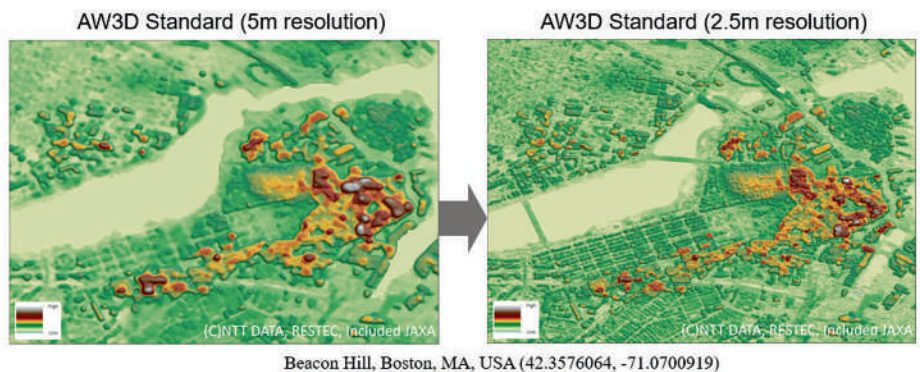
TALLYSMAN INTRODUCES THE TW162A AUTOMOTIVE-GRADE SMART POWER GNSS SIGNAL SPLITTER

Tallysman Wireless announced the addition of its TW162A Automotive-Grade Smart Power GNSS signal splitter to its line of GNSS accessories. The Tallysman TW162A GNSS automotive-grade Smart Power GNSS signal splitter supports the full GNSS spectrum: **GPS/QZSS-L1/L2/L5, QZSS-L6, GLONASS-G1/G2/G3, Galileo-E1/E5a/E5b/E6, BeiDou-B1/B2/B2a/B3, and L-band correction service frequency band**. Vehicle rooftop antenna space is often at a premium, and mission applications often require more than one GNSS receiver. The TW162A supports this use case where one GNSS antenna provides the signal to two GNSS receivers. Additionally, it offers several key fail-over and fault-identification features. www.tallysman.com



EUROPEAN SPACE IMAGING'S EXPANDING PRODUCT OFFERING: AW3D

European Space Imaging has expanded their elevation product offering with the addition of AW3D, a highly accurate set of **Digital Elevation Models** with global coverage. AW3D uses millions of satellite imagery to create comprehensive **high resolution global elevation models**. It is considered to be the world's first and most precise 3D map covering worldwide land spaces with 5 meter resolution plus 50 cm resolution on-demand. Available products are **AW3D Standard** – DSM / DTM in 2.5 m or 5 m resolution and **AW3D Enhanced** – DSM / DTM in 0.5 m, 1 m or 2 m resolution. These datasets will prove useful across all industry applications, especially energy and mining, defense and intelligence, civil government and engineering. www.euspaceimaging.com



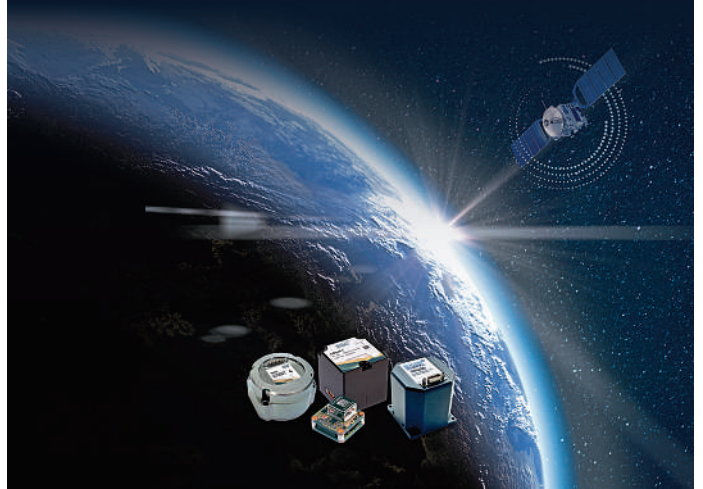
LEICA GEOSYSTEMS PARTNERS WITH INFOTECH


Leica Geosystems, part of Hexagon, announced **FieldGenius for Construction Inspection**, a solution that increases efficiency and accuracy of daily work reporting for inspectors and engineers in construction firms and **Local Public Agencies** involved in civil engineering infrastructure projects. The FieldGenius for Construction Inspection solution is the first product of its kind to seamlessly integrate information and reduce the risk of human error from manual collection and input. Developed in partnership with **Infotech**, a provider of **SaaS solutions** for infrastructure construction, FieldGenius for Construction Inspection is designed to simplify and accelerate the construction inspection process by **streamlining how survey data is collected and reported** with Infotech's Appia construction management service. www.hexagon.com



SILICON SENSING BROUGHT LATEST SPACE-FOCUSED INERTIAL PRODUCTS TO SPACE TECH EXPO

Each of the micro electro-mechanical systems (MEMS) products being exhibited offers a performance alternative to equivalent, but heavier and less robust, fibre optic or dynamically tuned gyro-based devices. All offer excellent angle random walk, bias instability and low noise performance combined with high shock survivability. The **CRH03** is a miniature, standalone single axis gyro. The **RPU30** is a compact and rugged, 3 axis gyroscope for applications where linear acceleration measurement is not needed. The **IMU20** is a highly ruggedized, 6 degrees of freedom (DoF) inertial measurement unit (IMU) suited to the highest impact and vibration environments. And the **DMU41** is a compact, 9 DoF IMU and the highest performing silicon MEMS IMU on the market today. www.siliconsensing.com






HIGH ACCURACY GNSS RECEIVERS ON ANY DEVICE




Survey



- 1 cm RTK Real-Time
- L1/L2/L5/GNSS
- L-Band
- Scalable

Mapping




- 60 cm Real-Time
- L1/GNSS
- Coast and SureTrack Technologies

GIS



- Submeter positioning
- L1/GPS
- 162 Channels
- 3 Channels SBAS Tracking

- 20-year Pioneer in the field of GPS/GNSS Receivers with Bluetooth
- Most rugged device equipped with a powerful battery that lasts longer than the competition.



info@sxbluegps.com | www.sxbluegps.com | T: +1(514) 354-2511

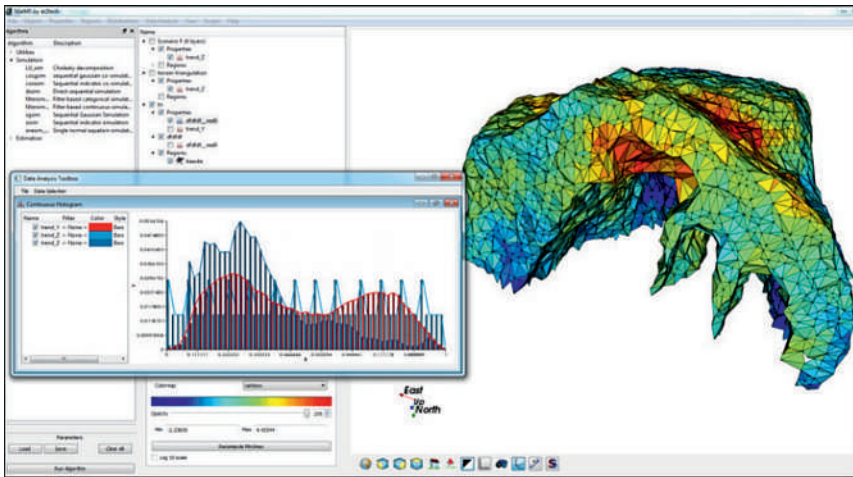
EUMETSAT TAKES KEY ROLE IN INNOVATE PROJECT TO MODEL THE EARTH SYSTEM

Europe’s meteorological satellite agency, EUMETSAT, will take responsibility for the massive amount of Earth observation data underpinning the **EU’s project Destination Earth (DestinE)**, that will model the entire Earth system. EUMETSAT’s governing council has approved involvement in the project, worth **€35 million** to the organization in its first phase. DestinE is a major plank in the European Commission’s digital and green agendas. The ground-breaking digital twins initiative involves **building virtual replicas of Earth systems**, ultimately allowing greater insight into weather and climate phenomena and their impacts on society. “EUMETSAT will have end-to-end responsibility for the **multi-cloud data lake** underpinning DestinE, including its design, establishment, and testing, as well as its operations and provision of an online inventory,” Director-General Phil Evans said. www.eumetsat.int



BENTLEY SYSTEMS ANNOUNCES SEEQUENT’S ACQUISITION OF ADVANCED RESOURCES AND RISK TECHNOLOGY (AR2TECH)

Bentley Systems announced that its Seequent business unit has acquired Denver-based Advanced Resources and Risk Technology, LLC (AR2Tech), a developer of geostatistical software applications. The acquisition provides Seequent with state-of-the-art geostatistics algorithms, technology, and IP for complex geospatial problem solving, complementing its **geological modeling solutions and workflows**, to help solve earth, environmental, and resources challenges. AR2Tech represents a new generation of **geostatistics** and **spatial data analysis solutions** for mining, environmental sciences, and energy. Its state-of-the-art, high-performance algorithms and workflows for cloud and desktop enable users to create and optimize a diverse set of models, even with millions of cells, without performance bottlenecks. www.bentley.com



STAFFORDSHIRE COUNTY COUNCIL AWARDS CONTRACT TO CADCORP FOR CORPORATE GIS IN THE CLOUD

Staffordshire County Council (SCC) has appointed Geographic Information System (GIS) software and services company, Cadcorp, to supply **cloud hosted GIS** and **web mapping**. The contract was awarded using the G-Cloud government procurement framework and includes the following Cadcorp cloud services: Cadcorp SIS Desktop, Cadcorp SIS WebMap, Cadcorp Spatial Database Service. **SIS Desktop** in the cloud allows up to **100 users** at the County Council to prepare, analyse and interpret geographic data across the organisation. The software can be accessed as a virtual desktop application or via a web browser. No specialist hardware or resources are required, making it ideal for remote and flexible working. SIS Desktop in the cloud is maintained and upgraded by Cadcorp, allowing users to immediately benefit from new functionality within the latest release. www.cadcorp.com

FIRST AIRBUS BUILT INMARSAT-6 SATELLITE SHIPPED TO JAPAN READY FOR LAUNCH

The first Airbus built Inmarsat-6 , I-6 F1, satellite has been shipped from Airbus in Toulouse to Tanegashima in Japan ready for launch. The first satellite of the Inmarsat-6 series is due to be launched on an H-IIA launch vehicle built by **Mitsubishi Heavy Industries (MHI)** in December. Inmarsat-6 F1 is based on Airbus’ ultra-reliable Eurostar E3000 spacecraft and will be the 54th Eurostar E3000 launched. It will be the fifth Eurostar in orbit that is equipped with electric propulsion for orbit raising reinforcing Airbus’ position as the world leader in electric propulsion. The reduced mass by using electric propulsion allows for a **dual payload mission** (Ka and L-band) with an exceptionally large next generation digitally processed payload giving greater flexibility to Inmarsat, the leading provider of global mobile satellite communication services. www.airbus.com



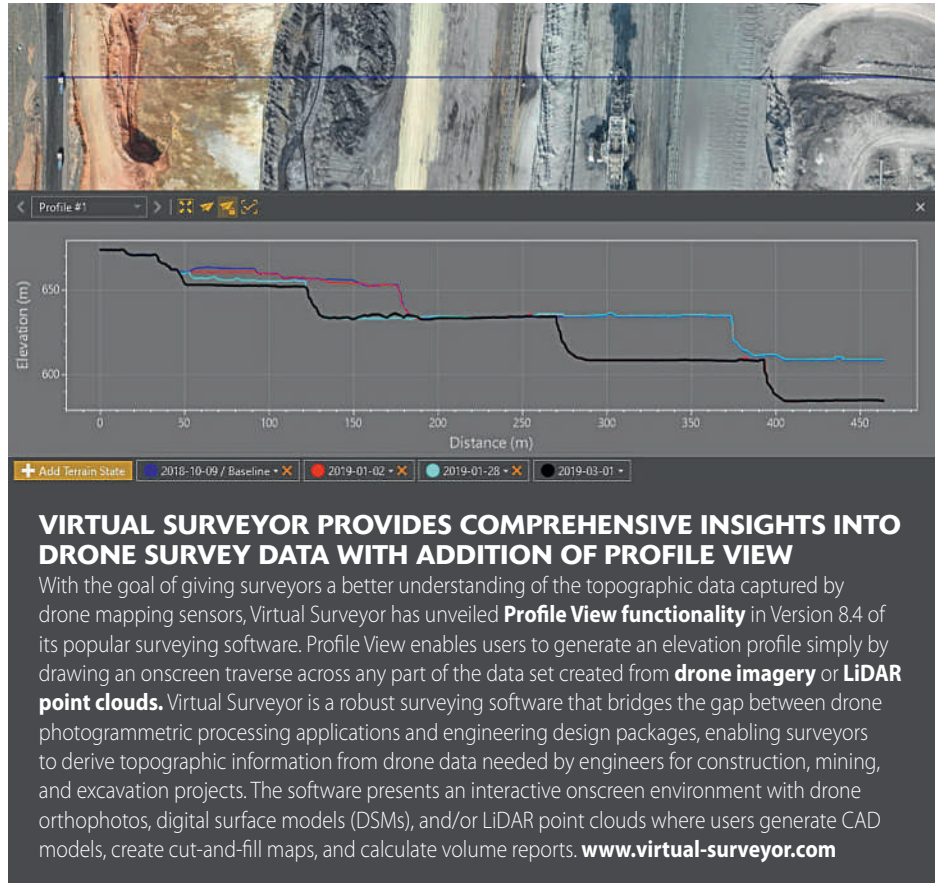
AIRBUS, AIR LIQUIDE AND SPACE EUROPE LAUNCH EURO2MOON

In a context of increased momentum around space exploration, Airbus Defence and Space, Air Liquide and Space Europe have announced the joint creation of EURO2MOON. This **non-profit organisation** will be dedicated to promoting a better use of **lunar natural resources**, while accelerating the cis-lunar economy and federating industrial efforts across Europe. Bringing in complementary expertise from public and private partners, EURO2MOON will focus on topics related to the **exploration of the lunar surface** and the utilization of its resources in a commercial and sustainable way. Topics to be addressed will also include long duration transport, life support, energy needs for scientific and commercial applications. www.airbus.com



XYZ REALITY ANNOUNCES WORLDWIDE COMMERCIAL LAUNCH

XYZ Reality, the transformational construction technology company behind **Holosite**, the world's first Engineering-Grade Augmented Reality platform, announced its worldwide commercial launch and the reveal of its ground-breaking device: **The Atom**, the most accurate **AR headset** for construction. Combining a safety-certified hardhat, augmented reality displays and the in-built, computing power of HoloSite, the device positions BIM onsite to **millimetre accuracy**. This Engineering-Grade tool makes the entire construction journey safer, smarter and more efficient, reducing waste, de-risking processes and delivering bottom line benefits for contractor and asset owner alike. www.xyzreality.com



VIRTUAL SURVEYOR PROVIDES COMPREHENSIVE INSIGHTS INTO DRONE SURVEY DATA WITH ADDITION OF PROFILE VIEW

With the goal of giving surveyors a better understanding of the topographic data captured by drone mapping sensors, Virtual Surveyor has unveiled **Profile View functionality** in Version 8.4 of its popular surveying software. Profile View enables users to generate an elevation profile simply by drawing an onscreen traverse across any part of the data set created from **drone imagery** or **LiDAR point clouds**. Virtual Surveyor is a robust surveying software that bridges the gap between drone photogrammetric processing applications and engineering design packages, enabling surveyors to derive topographic information from drone data needed by engineers for construction, mining, and excavation projects. The software presents an interactive onscreen environment with drone orthophotos, digital surface models (DSMs), and/or LiDAR point clouds where users generate CAD models, create cut-and-fill maps, and calculate volume reports. www.virtual-surveyor.com

SOLETANCHE BACHY TRANSFORMS CONSTRUCTION SITE SAFETY MANAGEMENT WITH SIMPLYVIDEO

Soletanche Bachy, a provider of foundations and geotechnical engineering is transforming health and safety management using technology from **SimplyVideo**, the connected worker collaboration platform for extended reality. By equipping field operatives with **RealWear Assisted Reality headsets** and connecting them to offices over the globe, this innovation allows **site visits** and **inspections** to take place without travel. Soletanche Bachy specialists are now able to join operatives on the ground at construction sites across the world, virtually, from anywhere. Soletanche Bachy, a specialist subsidiary of **VINCI Construction**, develops high-performance geotechnical solutions that include deep foundations using piles and micropiles, retaining diaphragm walls and reinforcing solutions. These essential engineering works provide the foundations for building anything from tunnels to roads, airports, dams, railways, ports and buildings. www.simplyvideo.io

