

ORBIT GT LAUNCHED DISRUPTIVE TECHNOLOGY AT ESRI PARTNER CONFERENCE

Orbit GT launched its disruptive 3D Mapping technology which was presented at the **Esri Partner Conference**, Palm Springs, CA. "Our Esri integrations will change the way the Esri community looks at Mobile Mapping and other 3D content", says **Peter Bonne, CEO of Orbit GT**. "We're pleased that many Esri users, partners and employees are looking forward to have high end quality and accurate content of street level imagery and 3D point clouds available throughout the Esri platform." Orbit GT presented at the Esri Partner Conference, for all to check out what change is about to happen to 3D Mapping in a worldwide business, expertise and context. The Orbit GT booth at the Esri Partner Conference, was populated by many visitors who enjoyed their game-changing technology, which received a great deal of attention. www.orbitgt.com

CADCORP ANNOUNCES NEW ENTERPRISE GIS SOFTWARE LICENSING MODEL

Cadcorp has made a significant change to way in which organisations can licence its desktop software. Cadcorp worldwide customers can now benefit from an **Enterprise Licence Agreement (ELA)**. The Cadcorp ELA provides a cost effective option for small, medium and large enterprises to licence **Cadcorp SIS Map Modeller** desktop software. The ELA is available as an annual subscription and includes full support and upgrade entitlement. The **Cadcorp ELA** is available to any organisation worldwide, in both public and private sectors. It applies to Map Modeller – the most functionally rich desktop GIS in the Cadcorp SIS product family. The product can be used in all phases of spatial data handling: preparation, creation, configuration and management, viewing, querying, editing, analysis and modelling. www.cadcorp.com



HORIZON GEOSCIENCES INTRODUCE CP SURVEY SERVICES

Horizon Geosciences has announced the introduction of **Cathodic Protection (CP) Surveys** to its list of Survey services as demand for maintaining existing subsea assets rises in the oil and gas sector. CP Surveys are used to assess and control the integrity of metal subsea assets as environmental and time related factors can cause corrosion of important offshore and nearshore infrastructure and components. A full package of services is being offered to Horizon's clients, from data

acquisition to processing and reporting with CP Survey options including **ROV** and **Trailing Wire** (proximity and contact). Horizon also confirmed they use a new, cutting edge CP system considered to be one of the smallest in the world. Due to its size, the CP can be deployed in smaller ROV models. Horizon recently completed its first CP Pipeline Survey for Halul Offshore Services nearshore, Qatar. www.horizon-geosciences.com

COPTERSYSTEMS: BUILDING STABLE UAV PLATFORMS FOR PHOTOGRAMMETRY

CopterSystems GmbH is a manufacturer of high-end copter solutions for a variety of applications. **Roman Paulus**, the founder and CEO of the company was one of the first to use **UAV** technology for photogrammetry and other sensor based airborne applications in Germany. Recently, more and more potential customers have approached CopterSystems and asked for **Phase One cameras** as sensor options for UAVs. CopterSystems researched the features of the Phase One aerial cameras and were especially impressed by how easily the cameras are controlled from the ground. The demand reached a point when CopterSystems decided to develop a special UAV for Phase One iXU cameras, which they

called the CS-P.O.C. Roman Paulus commented, "We decided to build a solution that combines the best aerial camera and UAV. Therefore, we chose to go with the Phase One iXU camera". <http://industrial.phaseone.com>



REGIOGRAPH 2016: NEW GEOMARKETING SOFTWARE FROM GfK HITS THE MARKET

The latest version of the geomarketing software **RegioGraph** is now shipping to customers. **RegioGraph 2016** gives users the ability to access map analyses online via a Web viewer, geocode IP addresses and import address data more quickly. The new dual-language version of GfK's geomarketing software began shipping to customers in March and more than 1000 orders have already been sent out. RegioGraph is a powerful, easy-to-use software solution for location intelligence applications ranging

from market and target group analyses to sales territory optimization and expansion planning. With more than 40,000 users, RegioGraph is Germany's geomarketing solution of choice and also enjoys a wide circle of international users. RegioGraph is available in German and English and can be used in conjunction with all GfK geodata. Offered as part of GfK's Geomarketing solution area, RegioGraph has won numerous awards for innovation and user-friendliness. www.gfk-regiograph.com

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TRAFFICSTARS.COM DEPLOYS DIGITAL ELEMENT'S LOCATION-BASED TECHNOLOGY, NETACUITY PULSE

Digital Element has announced that global ad network, **TrafficStars.com**, has deployed its **NetAcuity Pulse™** hyperlocal IP geolocation technology, to improve location based ad targeting. The use of Digital Element's IP geolocation solution, which includes mobile carrier data, will empower the company to accurately determine a user's location whether they are browsing on desktop or mobile devices. The inclusion of mobile carrier data allows TrafficStars to offer campaigns targeted to specific mobile carriers, which can be used, for example, to deploy loyalty campaigns or to promote apps that are carrier specific. Deploying NetAcuity Pulse™ increases reach, accuracy and targeting ability within postcodes, globally, by harnessing new insights derived from combining wifi connected mobile traffic and internet infrastructure analysis. This provides Trafficstars with unrivalled IP-based geographic targeting precision for online advertising across multiple devices, reducing wasted impressions and increasing ROI for its clients. www.digitalelement.com

TOPCON GNSS RECEIVERS CHOSEN FOR LARGE-SCALE NATIONAL NETWORK IN FINLAND

Topcon Europe Positioning B.V. announces the successful bid award for **400 HiPer SR network GNSS receivers** by **Maanmittauslaitos**, the **National Land Survey of Finland (NLS)**. NLS is responsible for a number of national geo-data services online and at various service locations throughout the country. Users include landowners, real estate agents and hikers — and services provided include property information, cadastral surveys, printed maps and publications, digital products and ICT-services. To help maintain the highest possible standards of work and data production, the NLS carries out a four-year review and assessment of geomatics equipment, services and solutions — and from 2016 to 2020 will be utilising high-precision Topcon GNSS solutions. The Maanmittauslaitos will be using the Topcon HiPer SR receivers to carry out field-based operations connecting to and receiving RTK data from the national network GNSS system. www.topcon.com



GLOBALSTAR'S SPOT GEN3 USED BY ATHLETES IN THE 2016 MARATHON DES SABLES

Globalstar Europe Satellite Services Ltd. has announced that its affordable **SPOT Gen3** safety device will be integral to the safety and security of 1,250 athletes competing in the **MARATHON DES SABLES 2016 (MDS)**, the world's most extreme running race taking place 8-18 April 2016 in Morocco. Each of the participants will run with a SPOT Gen3 mounted on his/her backpack, allowing race organisers, emergency support teams, sponsors, family and friends to precisely track

each runner's location online. During the race in 2015, the first year SPOT Gen3 was used, the **MDS** team was able to precisely locate 18 competitors in distress and quickly dispatch rescue personnel. Similar to last year, all race marshals will carry the small, rugged devices, and they will also be outfitted on security vehicles, medical vehicles and helicopters. (Image: Copyright Marathon Des Sables 2015) www.globalstar.com

HEMISPHERE GNSS DEBUTS S321 GNSS SURVEY SMART ANTENNA

Hemisphere GNSS has released the **S321**, their next-generation multi-frequency, **multi-GNSS** survey smart antenna. The all-new S321 combines **Hemisphere's Athena™** and **Atlas®** technologies along with a completely new web UI offering an unparalleled level of customer-friendly performance making it an ideal fit into any land or marine survey portfolio. The wide range of functionality and ease of use of the S321 makes it a great fit for any professional marine application. Whether you are doing marine construction, hydrographic surveying, or dredging, using the S321 with Athena RTK means you will be able to achieve impeccable results and maintain peak up-time, ensuring maximum ROI. The ruggedized antenna was designed for the most demanding and challenging environments and meets IP67 requirements. "The S321 is

another example of how much Hemisphere has changed", declared **Chuck Joseph, Hemisphere's President & CEO**. "The S321 offers unbeatable performance and value to the industry." www.HGNSS.com



LAUNCH OF UTILITY TRAINING ACADEMY FOR UNMANNED AERIAL SYSTEMS

In an industry first, **NM Group, Phoenix Air Unmanned** and the **Unmanned Safety Institute** launch the **"Utility Academy for Unmanned Aerial Systems"**. The utility specific training course is designed to cater for management through to subject matter experts. Attendees will learn the regulatory, technical and commercial understanding required to effectively use UAS technology. The training academy provides T&D professionals with the prerequisite information to; Implement UAS Standard Operating

Procedures and safe operations, Explore the business case for key applications, Deliver safety, environmental and cost benefits to their organization through UAS operations. The UAS training will combine classroom seminars and practical sessions at a dedicated facility in Cartersville, GA. The 2016 courses will be held on June 7-8th and September 13-14th. Places are strictly limited and will be provided on a first-come-first-serve basis. www.nmgroup.com/en/training.



1SPATIAL BECOMES GEOCOM PARTNER FOR UK AND IRELAND

1Spatial has become a distribution partner of **Geocom Informatik**. 1Spatial will sell and implement **Geocom's "Geonis" GIS** product suite for utilities and industrial plants in the UK and Irish markets. Both companies are **Esri** worldwide partners. Geonis provides rich workflow functionality on top of the Esri platform, enabling utilities and others to manage all of their geospatial asset management and integration with popular business systems. Geonis is already in use by more than 225 customers worldwide, now expanding sales into the UK from its traditional market area of central Europe, the Middle East and Africa. 1Spatial has a long-standing presence and deep expertise in the geospatial market globally and key expertise in the utilities and Esri market. Customers will benefit from the possibility of offering the Geonis solution, complemented with 1Spatial geospatial products, such as **1Integrate**. www.1spatial.com

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SENSEWHERE: SCOTTISH INDOOR LOCATION TECHNOLOGY SPREADING ACROSS CHINA

sensewhere has this year deployed its services in China, following a significant partnership late last year with technology giant, **Tencent**. Established in 2009, the Scottish B2B2C scale up has seen rapid expansion after a big strategic investment and becoming Tencent's preferred backend location technology for online service platforms. Sitting underneath the application layer, **sensewhere** now serves millions of users and receives hundreds of millions of location requests daily. Running unobtrusively, it provides users with the benefit of indoor location information where the GPS can't reach (GPS blackspots). **sensewhere** is being used to drive location based advertising and O2O services across China. **Rob Palfreyman** comments: "Deploying the technology on a mass scale has immeasurable marketing potential full of advantages for the end user." **sensewhere** now covers an increasing number of buildings with GPS blackspots all over the world with China being a lead showcase of the software. www.sensewhere.com

GEOTAB ANNOUNCES THE EXPANSION OF FLEET MANAGEMENT CAPABILITIES

Geotab has introduced a new series of **IOX Add-Ons** to further expand fleet management capabilities for customers: **IOX-ALERT**, **IOX-COMSPREAD**, and **IOX-OUTPUT**. These new Add-Ons, most of which are supported on the Base plan, are the latest additions to **Geotab's** solutions for fleet management, which allows users and developers to easily build new applications and integrate other business systems to maximize value. With **IOX-ALERT**, a driver can push an alert button to send a notification to their dispatcher. **IOX-COMSPREAD** reports the amount of material spread, time of spreading, and the spread rate. **IOX-OUTPUT** connects to a controllable relay that will trigger when a predefined condition in **MyGeotab** is met. To encourage **Geotab** platform customers to take advantage of expansion options, **Geotab** has now added **IOX** functionality to its entry level Base price plan. www.geotab.com/marketplace.



POLAND CHOOSES MOBILEMAPPER 300 TO SPOT CHECK EU COMPLIANCE

The agency responsible for the supervision and control of European Union agricultural subsidies in Poland, the **Agency for Restructuring and Modernization of Agriculture (ARMA)**, has purchased 118 **Spectra Precision MobileMapper 300** smart antennas. **ARMA** is charged with verifying, through on-the-spot measurement of planted areas during the growing season, that the size of the declared cultivation and cultivated plant species are in line with the request for EU subsidies. The farms are selected for

spot checks either randomly or through risk analysis. The **MobileMapper 300** was selected by **ARMA** because it enabled the agency to choose their preferred tablet solution, the **Getac V110**, and interface with their existing **QGIS-based GIS** application. **NaviGate, Ltd.**, the **Spectra Precision** distributor in Poland, wrote the software for the **MobileMapper 300** to provide accurate GIS measurement to the **ARMA QGIS** open source GIS back office solution. www.spectraprecision.com

DMT SUCCESSFULLY COMPLETES EXPLORATION SEISMIC PROJECT IN MUNICH

Performed by **DMT GbmH & Co. KG**, one of the largest ever inner-city 3D surveys came to a successful end recently. The Essen based technology service provider, contracted by **Stadtwerke München Services GmbH** (Munich's municipal utilities company), had spent four months exploring deep underground in southern Munich by means of **vibro seismic** methods. **Stadtwerke München (SWM)** aims to switch all of its power to renewable energy by the year 2040. A prerequisite for this is, of course, finding

suitable locations for new geothermal plants. Hence, **SWM** commissioned **DMT** to explore an area of approximately 170 square kilometers in a 3D seismic survey, which started in early November 2015. Upon completion, all data will be processed and geologically interpreted, providing **SWM** with a detailed three-dimensional underground model. It is possible that this project is the world's largest inner-city 3D seismic survey carried out to date. www.dmt-group.com



DIRECT GEOREFERENCING WITH PHASE ONE IXU 150 CAMERA AND POS AVX 210

The **Applanix POS AVX 210** is a GNSS-Inertial solution designed to reduce the cost and improve the efficiency of mapping with medium format cameras. A flight test was conducted **by Applanix and GeoPixel Air** on a manned platform over an airborne testing and calibration range north of Toronto, Canada. The results show that the accuracy of the POS AVX 210 and stability of the **Phase One iXU 150** camera with the 80 mm lens can produce orthomap products to an accuracy of 1.8x GSD RMS. Using this solution generated highly efficient, accurate and cost effective directly georeferenced map products. It eliminated the need for dense GCPs and allowed the capture of image data with minimal sidelap to increase data acquisition and processing efficiencies. The processing time required to create map products was greatly reduced thereby increased the productivity immensely. <http://industrial.phaseone.com>



INTERGRAPH NETWORKS EXTENDS THE UTILITY NETWORK MODEL ACROSS THE ENTERPRISE

Hexagon Safety & Infrastructure has launched **Intergraph NetWorks**, a flexible software suite that provides utilities and communications companies with secure, real-time access to location-based engineering and operational data and capabilities across the enterprise. Easy to configure and powerful to use, Intergraph NetWorks unlocks value in existing geospatial investments. It enhances the reach, quality and currency of enterprise information, while improving business processes and capabilities. Intergraph NetWorks helps address an important need for companies that manage electric, gas, telecommunications and water networks and services: the ability to exploit network information more extensively. By leveraging web services to simplify the development and maintenance of interfaces, integrations and task-oriented portal and mobile applications, Intergraph NetWorks connects the enterprise to the Intergraph G/Technology network model, making it available and usable wherever needed -- by planners, call center staff, operations center personnel, field crews and even customers. www.hexagonsafetyinfrastructure.com.



www.geoconnexion.com

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www.lasertech.com/GCE

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JUNIPER UNMANNED RELEASES FLIGHT MANAGEMENT SOLUTION FOR COMMERCIAL DRONE PROGRAMS

Juniper Unmanned, Inc. is pleased to announce the release of its new flight management software solution, **Sparrow**, which is designed to support commercial unmanned aircraft systems (UAS) program operations. Sparrow provides a shared operational picture of a commercial UAS program by placing tracking, management and reporting at your fingertips. Sparrow's web-based portal features an intuitive dashboard and provides a real-time summary of your aircraft, flight crews, and overall mission readiness. Sparrow is not just a flight logger, but a comprehensive, cloud-based UAS program management solution designed to enhance operational productivity and improve program performance. In short, Sparrow helps ensure safe, effective and compliant UAS program operations. For interested UAS program managers, Juniper Unmanned offers a free, 90-day trial of the Sparrow Flight Management system. Please visit <https://sparrowflight.com/login> to register for this trial offer. www.juniperunmanned.com

TUCSON ELECTRIC POWER ARE ENHANCING THEIR ENGINEERING EFFICIENCY

Tucson Electric Power (TEP) are enhancing their engineering design capability by integrating best-in-breed network design software with their existing enterprise GIS. TEP is completing deployment of **Bentley OpenUtilities** with on-the-fly cost estimation and engineering workflow management. Automatic compatible unit assignment and comprehensive unit data support will enable TEP to produce detailed labor and material cost breakdowns faster without time-consuming cycles between their GIS and enterprise **Work Management System**. This provides the ability to explore options quickly, find the least-cost design, and to submit designs within budget the first time. TEP also expects to reduce project delays with the ability to better manage work requests from directly inside their GIS design environment. The configurable design workflow engine in Bentley OpenUtilities will enable managers to assign, manage, and approve work orders, to allow TEP to avoid open-loop processes as well as track project status and progress using dashboards and reports. www.bentley.com



QUESTUAV'S SOUTH KOREAN PARTNER MAPS MADANG, PAPUA NEW GUINEA

Taking a break from missions and demonstrations across South Korea, and in conjunction with client management and local city officials, **QuestUAV's** partner in the SK flew their **Surveyor Pro UAV** across **Madang City in Papua New Guinea**. The visit was originally scheduled to facilitate the capture of detailed maps of a 0.2ha area for update planning of the client's drainage system developments. Once local city officials and client management saw how quickly a successful survey could be

completed (on day one), they requested plans be drafted, approved and executed for a second day's mission to survey a much larger area – the entire city. The resulting image set – some 1600+ images was collected in a single flight. Due to the low-lying location and the safety requirements of this excursion, Madang Air Traffic Control categorised the UAV flights as standard aircraft and tracked accordingly. www.questuav.com

AUTOSTRAD E FUGRO CELEBRATE 30-YEAR ROAD NETWORK INFRASTRUCTURE SOLUTIONS PARTNERSHIP

Autostrade S.p.A., Italy has received its latest **Automatic Road Analyzer (ARAN 9000)** data collection vehicle on the 30th anniversary of its partnership with **Fugro Roadware**. Autostrade, a leading European concessionaire for toll motorway construction and management, acquired the new ARAN to gather road condition data and to create an updated maintenance strategy for its road network of over 3,000 km. This saves costs by facilitating an intelligent asset management program where assets past their useful and safe life are identified and replaced quickly, thus reducing the risk to road users. This process also prevents the premature replacement of assets with useful remaining life. The longstanding partnership between Autostrade and Fugro has provided

continual road network infrastructure solutions which have resulted in better and safer roads in Italy. www.fugro.com

