

MDA ANNOUNCES NEW GLOBAL LAND COVER PRODUCT

MDA Information Systems LLC has announced the launch of **BaseVue 2013** a global **land use/land cover (LULC)** product. BaseVue 2013 is a commercially available, global, 13-class LULC product developed by MDA. The product covers Earth's entire land area, excluding Antarctica, and is comprised of approximately 19,250 1x1 degree tiles. BaseVue is independently derived from roughly 9,200 Landsat 8 30m resolution images. MDA extracted 13 land cover classes from these 9,200 Landsat scene in an automated process. For **CONUS**, MDA has produced a recorded version of the most recently available **National Land Cover Database** product created by the US Geological Survey. BaseVue in conjunction with other datasets serves a variety of uses such as: Cartographic basemap, Urban and population studies, LULC to support field operations and infrastructure planning for energy and communications sectors and assessing likely concentrations of insect-borne illnesses www.mdacorporation.com

NEW POINT CLOUD CAPABILITY WITH SIMACTIVE VERSION 6.1

SimActive Inc. is pleased to announce **Correlator3D™ version 6.1**, now with point cloud generation. The new feature builds on SimActive's world-renowned autocorrelation techniques using the GPU. Point clouds are generated in parallel with digital surface models (DSMs), with virtually no added processing time. As with previous versions, digital terrain models (DTMs) can also be automatically extracted in a matter of seconds. "Although the DSM remains the de-facto deliverable for all mapping projects, an increase in interest from our **UAV users** led to the added functionality", said **Louis Simard, CTO of SimActive**. "This further solidifies Correlator3D™ as a one-stop solution." SimActive has been selling Correlator3D™ to leading mapping firms and government organizations around the world, offering cutting-edge photogrammetry software backed by exceptional customer support. www.simactive.com



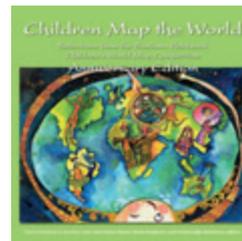
FUGRO PROVIDES CRUCIAL INFORMATION FOR WIND FARM DEVELOPERS IN THE NETHERLANDS

Fugro has been contracted by the **Netherlands Enterprise Agency**, part of the **Ministry of Economic Affairs**, to execute the geotechnical site investigation and geological modelling of sites I and II of the future **Borssele** wind farm park. The 1,400MW wind farm zone is located off the **Zeeland** coast at the southern border of the **Dutch EEZ**. Based on the geophysical survey data acquired in January and February 2015,

Fugro will perform boreholes and seabed cone penetration testing at the site. The investigation will provide crucial information for the developers of the Borssele offshore wind farm who are preparing for the tender which will open in December 2015. Fugro will undertake the geotechnical site investigation using two of its dedicated vessels, the **MV Bucentaur** and the **Fugro Commander**. www.fugro.nl

NEW ESRI PRESS BOOK FEATURES CHILDREN MAPPING THE WORLD

Young people use their artwork to bring geography and their perspectives on the world to life in the new book **Children Map the World: Selections from the Barbara Petchenik Children's World Map Competition**, Anniversary Edition. This edition, includes 70 maps and pieces of geographic art sponsored by the **International Cartographic Association (ICA)**. The competition is held every other year in honour of Petchenik, the late American cartographer and ICA vice president who was interested in maps designed for children's education. The 2013 map competition marked the twentieth anniversary of the event, and



the book includes artwork selected from that year's entries and from other competitions held over the last two decades. The ICA supports the map competi-

tion as a way to introduce maps to children, encourage them to make maps, and better understand the world around them. The book is available at online retailers worldwide, at esri.com/esripress

THE PTV GROUP IS COMMITTED TO MOBILITY APPS FOR URBAN SPACES

The free Karlsruhe app **KA-Mobil** from **PTV Group**, has stepped in to help smooth out traffic problems since the autumn of 2014. The app for **iOS and Android mobile phones** provides information about construction sites, traffic flow, car parks and public transportation schedules at Park&Ride facilities in real time so that motorists can optimally plan their trip. "We integrated routing into the app so that

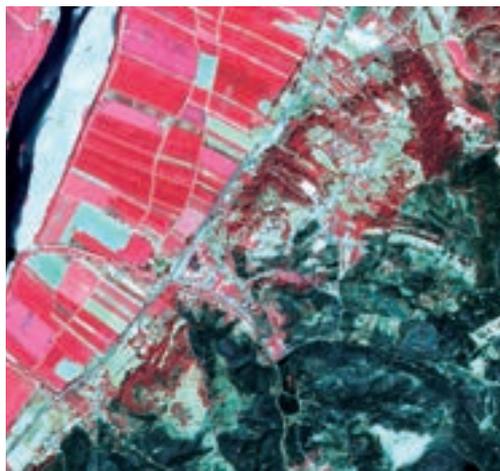
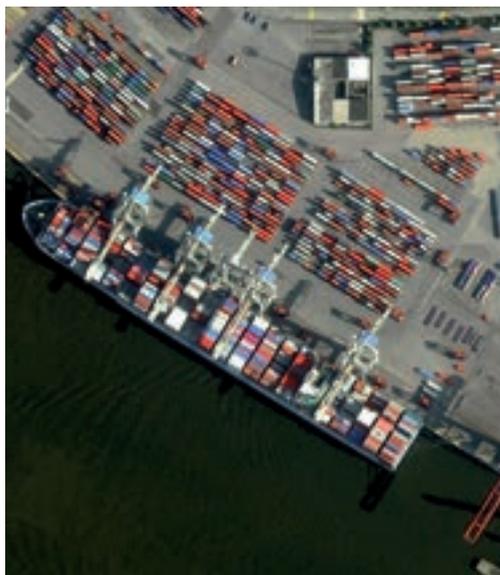
it provides detours that take into account all construction site road blocks and up-to-date traffic situations in real time", says **Matthias Hormuth, Solutions Director, PTV Group**. All road users, whether they are travelling by bicycle, on foot, in a car or using public transportation, can be routed from point A to point B dynamically and with the mode of transport of their choice. www.ptvgroup.com.

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TOPCON ANNOUNCES MAGNET V3.0 WITH INCREASED INTERCONNECTED FUNCTIONALITY

Topcon Positioning Group announced the latest update to the entire MAGNET™ suite of software solutions. MAGNET v3.0 includes new and enhanced features designed to increase interconnectivity and productivity. "This updated system includes improvements for users at every level within the software suite," said David Ahl, director of software product management. "Data exchange is more fluid than ever before between the office and the field with the addition of Topcon eXchange for CAD. Now users can take advantage of seamless data transfer of Autodesk solutions to Topcon solutions without additional file conversion steps." MAGNET v3.0 also offers customization options built to allow operators to save their most commonly used functions to improve efficiency. In addition, new project management functionalities such as redlines, schedules and tasks, and timecards - as well as new software installation and update methods designed to offer convenience and a simplified overall experience for the user. www.topconpositioning.com

NAUTICAL INSTITUTE AND DNV-GL ACCREDITATION FOR VSTEP DP SIMULATORS

In a timespan of one month, three types of VSTEP Dynamic Positioning Simulators have been officially certified and accredited by the Nautical Institute and Det Norske Veritas (DNV-GL) certification bodies. The accreditation means the new NAUTIS Dynamic Positioning simulators from VSTEP are fully certified and approved to be used for official DP training courses. The accredited Dynamic Positioning Simulators were based on different DP control types and included both Class A and Class B type DP simulators. Accreditation of the DP simulators took place no more than four weeks apart and at different locations, including VSTEP's World Headquarters and acclaimed training institutes in Shanghai and Singapore. Paul Kuin, Principal Auditor at DNV-GL for the DP Class A simulator at VSTEP's Rotterdam office, was impressed: "The ergonomic and intuitive layout of the bridge equipment looks very convincing and is more suitable for many offshore DP operations like platform supply and diving support." www.vstepsimulation.com



AIRPORTER'S CUSTOMER SATISFACTION AND DRIVER BEHAVIOR IMPROVED WITH MASTERNAUT

Airporter has implemented Masternaut's powerful fleet management solution to provide real-time vehicle tracking, increase passenger safety, and deliver fuel efficiency savings. Fleet managers at Airporter are now using data from Masternaut Connect, including the eco-Drive and TACHOfresh modules, to inform passengers of where vehicles are at a particular time, track and improve driver behaviour, and reduce fuel costs across the fleet. Transporting 100,000

passengers each year with its fleet of 17 Mercedes Executive mini coaches, accurate vehicle tracking is essential to Airporter's service. Masternaut Connect will ensure that real-time vehicle information can be correctly relayed to customers and ensure they transfer from airport-to-airport on time. Airporter prides itself on high safety and compliance standards, ensuring drivers are correctly trained to be safe and that regular vehicle safety inspections are completed. www.masternaut.com.

CRIMTAN ENHANCES ADVERTISING PLATFORM WITH DIGITAL ELEMENT'S NETACUITY PULSE

Digital Element has announced that Crimtan is taking its targeting to a new level by upgrading to NetAcuity Pulse™ - the industry's first IP targeting solution to use insights from mobile traffic to increase reach and coverage for mobile and connected traffic. Crimtan's advertising platform, RAMP360™, uses unique data, audience profiling, targeting and optimization to offer digital marketing products and services to advertisers that significantly enhance campaign performance. The company

launched its partnership with Digital Element in September 2013, with the adoption of its NetAcuity Edge™ solution to provide accurate geographic targeting capability for online advertising down to postcode level worldwide. The upgrade to 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. www.digitalelement.com.

270 MW LINCS OFFSHORE WIND FARM GETS BOOST WITH ZEPHIR LIDAR

ZepHIR Lidar has installed a turbine-mounted ZepHIR DM wind lidar on the 270 MW Lincs Offshore Wind Farm. Located five miles off the East coast, Lincs Wind Farm is a joint venture between Centrica Energy, Siemens Project Ventures and DONG Energy. It is anticipated that the installation of the lidar unit will help to identify opportunities where a possible improvement to production from the installed 75 Siemens 3.6 MW wind turbine

generators can be achieved. The circular scan from ZepHIR DM provides a representative wind picture that the turbine sees, in contrast to more basic systems that provide only a pillar-box view on the approaching wind. Measurements are then typically used for the correction of yaw misalignment, turbine calibrations, End of Warranty inspections, power curve measurements (absolute and relative), R&D projects and full turbine control. www.zephirlidar.com

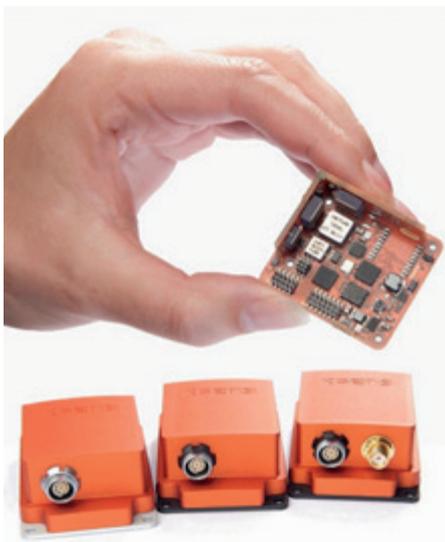


BLACKBRIDGE TAKES GLOBAL POSITIONAL ACCURACY TO A HIGHER LEVEL

BlackBridge has just completed the production and implementation of the most current and consistent global control point database on the market, BlackBridge's extensive testing and experience processing thousands of ortho-images on a daily basis confirm that **Global Reference 2.0** improves positional accuracy of orthorectified imagery to under 10 m RMSE on a global scale, with 80% under 7 m RMSE. This level of positional accuracy applies to ortho-products for every region of the world. Users of **RapidEye** products across the globe are already noticing the difference in the accuracy of their datasets and improvements to their workflows. The majority of the dataset was collected by DigitalGlobe's constellation of high-resolution earth imaging satellites. **Massimiliano Vitale, senior vice president of operations for BlackBridge**, states that, "We are confident that the Global Reference 2.0 dataset positions BlackBridge to produce the most accurate ortho-products in our resolution range." www.blackbridge.com

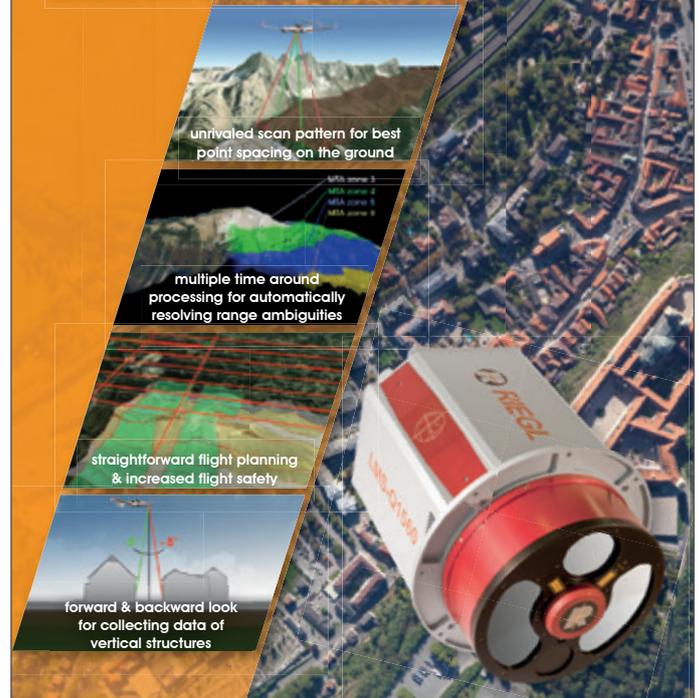
XSENS RELEASES MT SOFTWARE SUITE 4.3

Xsens has released **MT Software Suite 4.3**, with a wide range of improvements for the MTi 10-series and MTi 100-series. The feature that stands out in this release is **Active Heading Stabilization (AHS)**. For most applications, the AHS algorithm means a 20 times improvement compared to pure gyroscope dead reckoning. Especially when traditional heading tracking with magnetometers is not possible, **AHS** is the best and most cost-effective solution. Typical applications that can benefit from AHS are; agricultural vehicles, indoor robotics, satcom on the move (SOTM) and hand held (laser) scanners. Full support for 64-bit and Linux, **ROS Node Software Suite 4.3** is the first MT Software Suite that installs a 64-bit version. This allows faster response on large files. AHS is available immediately as a free firmware upgrade to all MTi customers as part of the just released MT Software Suite 4.3. www.xsens.com



RIEGL LMS-Q1560

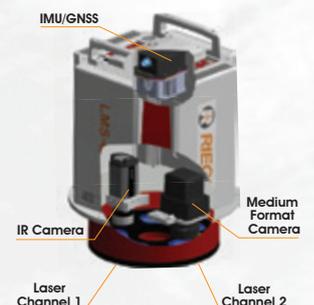
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AIRBUS DEFENCE AND SPACE LAUNCHES WORLDDEM DIGITAL TERRAIN MODEL

Airbus Defence and Space has officially launched its **WorldDEM Digital Terrain Model (DTM)**, a highly accurate standardized representation of bare Earth elevation that can be made available for any point on the globe. This addition completes the WorldDEM portfolio enabling Airbus Defence and Space to provide both surface and terrain elevation information, in support of global customer projects. The WorldDEM DTM is derived from the WorldDEM product (Digital Surface Model) by removing all man-made features and vegetation. **The WorldDEM DTM** provides an excellent foundation layer for a wide range of applications such as civil engineering (e.g. road design, Earth work calculation), the management of natural resources (e.g. flood modelling), mapping (e.g. derivation of contour lines) as well as military mission planning (e.g. vehicle trafficability analysis, 3D terrain visualisation). www.airbusdefenceandspace.com

INTEGRATED SOFTWARE SOLUTION FROM SIMACTIVE AND PHASE ONE INDUSTRIAL Phase One Industrial and SimActive Inc. have announced an integrated software solution for aerial photogrammetry projects. **SimActive's Correlator3D™ version 6.1** software can read and process both the **GPS** and **IMU** information directly from **Phase One Industrial cameras' image files** as well as system information such as the sensor pixel size and lens focal length. Since such metadata is carried with the images, there is no need for further processing of files. "With our integrated solution, users can take images directly from the Phase One system and import them into Correlator3D™," said **Philippe Simard, President of SimActive**. "We are pleased that a high-quality resource like SimActive's Correlator 3DTM is available for our customers; we are committed to providing flexible solutions to help our customers get results they can trust," said **Dov Kalinski, General Manager, Phase One Industrial**. www.simactive.com <http://industrial.phaseone.com>



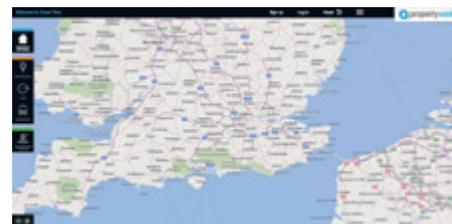
JAGUAR LAND ROVER CHOOSES HERE TO NAVIGATE THE FUTURE

The recent **New York Auto Show** saw the launch of the all-new **Jaguar XF**, the most connected Jaguar yet and the first to offer Jaguar's innovative **InControl Touch Pro Infotainment System**. With decades of experience in developing location services for the automotive and consumer industries, **HERE** was a natural choice for **Jaguar Land Rover** to collaborate with for **InControl Touch Pro**. As a leader in navigation, mapping and location experiences, HERE integrated intelligent

location technologies for the system, as well as for Jaguar's smartphone companion apps, giving drivers the smartest guidance experiences available. With **InControl Touch Pro**, Jaguar XF drivers have a car that learns their commuting patterns and preferences over time, combining that knowledge with live information from the vehicle and its environment to deliver real-time and relevant information at the right moment. <http://360.here.com>.

IGEOISE PROVE THAT MINUTES MEAN MORE THAN MILES IN LOCAL SEARCH

The property industry is the first to quantify the importance of using travel time within location search. Data gathered confirms that time based searches convert three times more customers than miles radius searches due to delivering more relevant property results. The search, powered by **iGeolise's TravelTime** platform, allows consumers to enter their preferred location, commute time, mode of transport and time of travel. The results can be ranked and sorted by minutes rather than miles and displayed in list format or visually on a map. **Charlie Davies, co-founder and Technical Director, iGeolise** comments "Minutes mean more than miles because



everyone uses time when calculating travel. Time makes results more human because errors associated with distance based searching are eliminated. Time knows that 'as the crow flies' isn't good enough because it doesn't calculate infrastructure networks, congestion or geography. www.igeolise.com

DOF SUBSEA TO LAUNCH NEW EQUIPMENT

DOF Subsea staged the European launch of a significant new addition to its suite of services during the **Ocean Business** event at the **National Oceanography Centre in Southampton, UK** which took place in April. The company showcased its newest service, utilising three **Slocum Gliders**, named the **DOF Skandi Explorers**, a technology which has previously only been seen in academic and defence circles. The innovative new glider equipment is described as a cornerstone of the company's **Ocean Observation System (OOS)** due to its ultra-efficient, low-power ability to collect data for up to nine months before requiring a battery change. The gliders can measure absolute and relative current ve-



locities as well as physical and chemical ocean properties, harvest subsea data via acoustic modems and detect oil in the water column for a fraction of the cost of conventional methods. www.dofsubsea.com.

BRIDGESCAN™ A COMPLETE BRIDGE CONDITION ASSESSMENT SYSTEM FROM GSSI

GSSI, has announced **BridgeScan™**, an affordable and flexible **ground penetrating radar (GPR) system**, ideal for assessing concrete condition on bridge decks, parking structures, and balconies. Accurately determining concrete condition improves repair cost estimation, saving time and money. BridgeScan is excellent for bridge deck condition assessments, determining concrete cover depth on new structures, and concrete inspection, as well as measuring slab thickness, and void detection and location. Construction professionals, utility locators, and engineers can also use the unit as a basis for a utility locating **GPR system** to map and locate underground infrastructure - pinpointing the depth and position of metallic and non-metallic pipes in real time. Unlike other systems,



BridgeScan is tailored for bridge condition assessment, using a non-destructive method of evaluating bridge deck thickness, the system can obtain reliable thickness measurements in minutes, eliminating the need to core. www.geophysical.com

OPTIMISED EBEE AG DRONE NOW OFFERS A FULL PRECISION FARMING WORKFLOW

Swiss professional drone manufacturer, **senseFly**, has optimised its **eBee Ag** drone solution, adding powerful new software that makes it easy for agricultural professionals to capture high-resolution photos of their fields, analyse crop health and create accurate prescriptions to load into their precision farming equipment. The eBee Ag now runs a new feature-packed, yet simple to use, version of **senseFly's Postflight Terra 3D** data processing software.

Powered by **Pix4D**, this program enables farmers, crop consultants and agronomists to easily transform the eBee Ag's images into quick NDVI maps, geo-referenced index maps and exportable application maps. These output prescriptions are fully compatible with leading precision farming software and equipment, plus with the eBee Ag a user's business data remains confidential - no uploading data to the cloud required. www.sensefly.com

PORTHOLE INTO THE WORLD'S SHIPPING AWAITS

exactEarth are very excited to announce many new improvements to the world's leading ship tracking and monitoring platform, **exactEarth ShipView™**. An easy-to-use platform is hosted entirely by exactEarth so users can access ShipView anywhere, any time, from any web browser to immediately analyze the maritime domain picture. **exactEarth** are now introducing an **Alerting Add-In** that makes monitoring maritime domain more powerful by instantly delivering critical updates to improve decision-making and responsiveness using the most up-to-date and accurate information possible. With the Alerting Add-In, users can configure any exactEarth ships map layer to automatically generate alerts. Using the rules and groups of a layer, whenever a ship matches or no longer matches those criteria, an alert will be generated and made available from the **Alerts panel** within **ShipView**. Generated alerts can also be sent via e-mail for quick response to any situation in the area of interest. www.exactearth.com

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WORLD'S ONLY RTK-CAPABLE GNSS COMPASS SMART ANTENNA FROM HEMISPHERE GNSS

Hemisphere GNSS has announced a top-of-the-line, RTK-enabled **Vector V320 GNSS Compass**. The first of its kind, the **Vector V320** smart antenna supports multi-frequency **GPS, GLONASS, Galileo, and BeiDou**. Designed for the professional marine and marine survey markets, the **Vector V320** is the only multi-frequency, multi-GNSS, all-in-one smart antenna capable of both RTK-level positioning accuracy and better than 0.2° heading accuracy in a simple-to-install package. "The **Vector V320** combines our expertise in GNSS and smart antenna design," said Lyle Geck, Senior Manager, Product Marketing at Hemisphere GNSS. "With RTK performance that competes with current industry leaders, extremely accurate accelerometer-aided GNSS heading, and the simplicity of install offered by the smart antenna design, it is an incredible product." The **Vector V320** is the latest in a popular line of GPS/GNSS compasses. www.HGNSS.com/Products-Solutions.

EMAPSITE PROVIDES OS OPEN MAP - LOCAL VIA WEB MAPPING SERVICE

Emapsite customers are among the first to take advantage of the most detailed **Ordnance Survey** open data product so far. Data managers at the location content provider have loaded, styled and enriched **OS Open Map - Local** as a dedicated layer of emapsite's web mapping service (WMS). The new vector dataset, released in beta form in March 2015, has an enhanced level of building detail compared with any other **OS OpenData** product. It is designed as a backdrop for visualising location data and integrating third-party information. Ordnance Survey has also included outlines of 'Functional Sites' such as schools, hospitals and transport facilities. The additional detail includes police stations, places of worship, leisure centres, sites of historic interest, masts, lighthouses and other landmarks. **Emapsite** has also included contour lines and labelled the Functional Sites appropriately at different zoom levels. www.emapsite.com/mapshop.



NEW TECHNOLOGY TAKES THE HARD WORK OUT OF COMMUNITY ENGAGEMENT

Councils, developers, and other organisations can now undertake community engagement for less than half the usual cost thanks to a new online tool developed by Sydney technology startup **Rüppells Griffon**. The customisable web-based app, **CommunityNotes**, gives project owners a fully interactive and intuitive interface for capturing stakeholder feedback and making informed decisions. Convenient online access to **CommunityNotes** from any device enables project owners to reach more stakeholders and increase their level of

engagement. Stakeholders can discover more about the project, visualise it through the maps interface, and participate in fully transparent community conversations. **Rüppells Griffon's co-founder and director, Ana Ouriques**, said that the team worked closely with community consultants to ensure the app met their needs and requirements. **Rüppells Griffon** has also launched a free version of the app called **Your-Say** that enables end users to share knowledge of their local areas. www.communitynotes.com.au www.ruppellsgriffon.com

WILDFIRE: THERE'S AN APP FOR THAT!

Oklahoma Forestry Services (OFS) becomes the first state agency in the USA to utilize the **Collector app** for initial wildfire attack. This new, cutting-edge app enhances fire situational awareness by pulling all of the information and tools needed to fight wildfires into one program. **Collector**, developed by **Esri**, provides critical information quickly, resulting in faster fire suppression, and increased safety for the public and firefighters. **Mark Goeller, fire management chief, Oklahoma Forestry Services** said "It means that fires can be more quickly sized up and firefighters efficiently deployed to the areas where they are most needed." Arriving on the scene of a large wildfire incident, firefighters must



quickly assess the situation, devise a strategy and develop tactics to convey to the other responders. **Collector** facilitates the process, allowing for accurate and timely analysis for all responders to receive real-time on their mobile devices. www.forestry.ok.gov.

HEXAGON IMAGERY PROGRAM RELEASES NEW AIRBORNE IMAGERY CONTENT

The Hexagon Imagery Program, or HxIP, has released captured airborne imagery for approximately 25 percent of the U.S. with various regions of Canada and Europe. As more content partners join the HxIP in 2015, program coverage is rapidly increasing with full coverage of the coterminous U.S. expected by the end of the year. Imagery for a full 11 states plus portions of six other states in the U.S. have been provided as part of its airborne imagery offerings from the 2014 flying season. "We're pleased to have met our 2014 program goal, providing access to quality and con-



sistent airborne imagery for thousands of clients around the globe," said **John Welter, president of Leica Geosystems Geospatial Solutions Division and director of the HxIP**. The HxIP airborne imagery content is available through the cloud via multiple content service providers including: Esri's ArcGIS Marketplace, Hexagon Geospatial's Power Portfolio, and Valtus. www.hexagon.com