

PDF3D ANNOUNCE MAJOR NEW RELEASE FOR 3D PDF SOFTWARE SUITE

After many months in development, PDF3D have released V2.11.0 of their 3D PDF software suite, which promises a wealth of new features for the engineering, manufacturing and geospatial communities. In direct response to their customers, a large number of technical issues have been addressed to improve quality and stability of the tools, whilst also raising the level of functionality with a range of new features. With this new release, the development team has been keen to add specific features for their key markets, to make the tools as relevant as possible to each user's specific industry requirements. For geospatial customers, PDF3D have extended the Geospatial 3D PDF solution profile with new input data formats, new processing methods and new library features for developers. For new customers wishing to experience a trial of the software, contact **Dan O'Connor** at PDF3D. www.pdf3d.com

DIGITALGLOBE'S GEOSPATIAL BIG DATA PLATFORM ENABLING NEW COMMERCIAL SOLUTIONS

DigitalGlobe has announced an agreement to provide another innovative commercial customer with access to its **Geospatial Big Data** (GBD) platform, paving the way for new analytic products serving the insurance, forestry, oil & gas, and mining industries. DigitalGlobe's cloud-based GBD offering is a **Platform as a Service** model that provides easy access to DigitalGlobe's vast **ImageLibrary**. It is designed to create a new ecosystem in which partners and developers can leverage their expertise and API's to create new customer solutions without the cost of owning and operating costly IT infrastructure. The GBD platform is one of the strategic initiatives propelling DigitalGlobe toward its vision of becoming the indispensable source of information about our changing planet. www.digitalglobe.com



BLACKBRIDGE'S RAPIDEYE IMAGERY NOW AVAILABLE THROUGH FARMERS EDGE

BlackBridge has agreed to expand the use of **RapidEye** high-resolution satellite imagery within the **Farmers Edge** precision agriculture platform. BlackBridge and Farmers Edge have entered into a long-term contract, which grants Farmers Edge access to historical and cropping season imagery of North America, South America, Australia, and Eastern Europe through **BlackBridge's Monitoring Programs for Agriculture**. BlackBridge provides broad-area coverage and multitemporal imaging delivered frequently throughout the growing season, which is

used to give growers recommendations to monitor and manage their cropland more effectively, reducing costs and optimizing yields. BlackBridge also offers its partners and customers an opportunity to access archive imagery from previous years for a more complete analysis. Through its Precision Edge platform and custom Precision Solutions packages, Farmers Edge can now provide quick access to high-resolution RapidEye imagery for the major precision agriculture practicing areas of the world. www.blackbridge.com
www.farmersedge.ca

NEW UP-TO-DATE IMAGERY OF THE MIDDLE EAST WITH PLANETSAT 15 L8 BASE MAPS

The company **PlanetObserver** is happy to present **PlanetSAT 15 L8**, the new range of seamless country base maps, with 15-meter resolution processed in natural colours from ortho-rectified **Landsat 8** imagery.



Having selected the best available cloudless scenes collected since spring 2013, PlanetObserver offers a new generation of high quality imagery base maps. PlanetSAT 15 L8 base maps are immediately available for many Middle East countries (Iraq, Israel, Jordan, Kuwait, Lebanon, Syria). Production is now focusing on Iran and Saudi Arabia, as well as

the whole Arabian Peninsula and Maghreb countries. The list of countries and areas available is regularly updated on PlanetObserver website. If an area of interest is not off-the-shelf yet, PlanetObserver offers on demand production service, producing custom mosaics according to the client's specifications. www.planetobserver.com.

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FUGRO'S SUBSEA SERVICES IN THE SPOTLIGHT WITH NEW SUBSEA INGENUITY INITIATIVE

The importance of having a variety of capabilities in subsea services is the focus of a new campaign by **Fugro**. Every two weeks **Fugro Subsea** will spotlight a different challenge faced by companies that develop, install and operate seabed assets such as wind turbine foundations, pipelines and platforms. Addressing issues of logistics, efficiency, safety and the environment, **Fugro's 'Subsea Ingenuity' initiative** will identify familiar and not-so-familiar problems faced by the offshore industry and show how Fugro Subsea's solutions are addressing these issues around the world. Rolling out the campaign, **Director of Fugro Subsea, Steve Thomson** said, "Monitoring, inspecting and conducting often complex repairs at depths of up to 3,000 metres calls for technical and engineering ingenuity. We want to demonstrate how our significant breadth and depth of capabilities allows us to develop and deliver solutions to specific problems," www.fugro.com

MICHIGAN SCHOOL PLANNING DEVELOPS A GIS WITH TATUKGIS SDK

Wayne County (Michigan) Regional Educational Service Agency (RESA) has developed their **Polyplot® Mapping System**, a client server application for school district administrative planning, implemented in over 100 school districts throughout Michigan and Ohio. Polyplot is a unique, powerful tool designed for school districts to analyze student information interactively and graphically on a computerized map. RESA developed the Polyplot Mapping System using the **TatukGIS Developer Kernel** with the Embarcadero Delphi development platform. Polyplot provides a broad range of formats for displaying school district information. The transportation office can develop and maintain complete, detailed route schedule information. For school district administrative planning, Polyplot can be used in building/classroom utilization studies, boundary analysis, voting precinct information or any other map-oriented study. www.tatukgis.com.



MAPPING CHRIST THE REDEEMER

Pix4D, together with **Aeryon Labs Inc.** and **PUC University of Rio de Janeiro**, reconstructed the first accurate 3D model of Brazil's most important monument: the **Christ the Redeemer** statue in Rio de Janeiro. Using the **Aeryon UAV** platform for data acquisition and **Pix4D's image processing software** for the 3D reconstruction, the project team surmounted various challenges to acquire the high-resolution images needed for the model. The main challenges were the changing weather and wind conditions, restricted

hours for data acquisition and inconsistent lighting conditions. A total of 3584 images were acquired and 2090 images were used in **Pix4Dmapper Pro desktop software** to convert them into the 3D model. The reconstruction was divided into three main projects (statue, base and surrounding area) to help manage the variations in image capture. A linear measurement, taken onsite by the project team, was used to provide the correct scale for the final result. www.pix4d.com www.aeryon.com

SIEMENS AND HR WALLINGFORD ANNOUNCE TECHNOLOGY PARTNERSHIP

Siemens UK & Ireland has announced a strategic partnership with independent engineering and environmental hydraulics specialist, **HR Wallingford**, in a move to radically boost infrastructure monitoring solutions for the water industry. The technology partnership will see the organisations work together to help the industry meet demands to include the development and delivery of innovative real-time solutions for dams and flood defence infrastructure. Providing IT and monitoring expertise, Siemens will work alongside HR Wallingford in a variety of critical areas, includ-

ing offering an enhanced level of information for asset investment decisions, improved emergency planning capabilities, as well as developing advanced preventative maintenance, helping to reduce more costly reactive maintenance. The technology partnership will deliver real time infrastructure monitoring for dams involving a detailed assessment of the issues affecting the dam site, followed by the design and specification of a bespoke system of third party sensors to monitor key properties. www.hrwallingford.com www.siemens.co.uk

ORDNANCE SURVEY HELPS DRIVE ECONOMIC GROWTH THROUGH OPEN DATA

To coincide with **International Open Data Day**, when countries across the globe will show their support for open data policies, **Ordnance Survey (OS)** announces plans to launch a world-leading digital map as open data and the creation of an engagement hub in London. This consolidates the UK's reputation as the most advanced country in the world on open data, as recognised by **World Wide Web inventor Sir Tim Berners-Lee** last month. It

will generate opportunities for enterprise, drive innovation in the digital economy, increase demand for new apps and services and help data-driven businesses to grow. **OS Open-Map**, released at the end of March, has been designed to work with the latest mobile and web platforms and will allow developers to build new products incorporating some of the most sophisticated mapping data in the world. www.ordnancesurvey.co.uk



SPOT SATELLITE TRACKING SELECTED FOR COMPETITORS OF MARATHON DES SABLE

Globalstar Europe Satellite Services Ltd, has announced that its **SPOT Gen3** safety device has been selected to track and protect all participants in **MARATHON DES SABLES 2015 (MDS)**, the world's most extreme running race. **Globalstar** has secured an agreement with the MDS Organising Committee that will see all participants in "The Toughest Foot Race on Earth" benefit from SPOT's tracking and safety capabilities for three years, up to and

including the running of MDS 2017. Every one of the 1,450 extreme athletes will carry the **SPOT Gen3**, a rugged, pocket-sized low-priced personal GPS messenger that helps users stay connected via satellite even where there is poor or no GSM signal. Now in its 30th edition, MDS is a gruelling multi-stage adventure through a highly challenging landscape in one of the world's most inhospitable climates - the Sahara desert. <https://eu.globalstar.com/en/>

1SPATIAL BECOMES GOLD PARTNER OF THE NSGIC

1Spatial has become a **Gold Partner** of the **National States Geographic Information Council (NSGIC)**, whose mission it is to promote state wide geospatial coordination activities in all states and be an effective advocate for states in national geospatial policy and initiatives, thus enabling the **National Spatial Data Infrastructure (NSDI)**. Members of **NSGIC** include senior state GIS managers and coordinators from federal agencies, local government, the private sector, academia and other professional or-

ganizations. All of whom are committed to an efficient and effective government through the prudent adoption of geospatial information technologies. "We are very pleased to become part of the NSGIC community and attending our first NSGIC meeting as a Gold Partner. 1Spatial strongly supports NSGIC's mission to increase both the efficiency and effectiveness of government through the use of geospatial technology," said **Duncan Guthrie, Director of Sales, North America for 1Spatial**. www.1spatial.com

E-GEOS (ASI/TELESPAZIO) WINS EUROPEAN COMMISSION TENDER

e-GEOS, a company established by **Telespazio** (80%) and the **Italian Space Agency** (20%), has been awarded a contract from the **European Commission** worth 12 million euros, to provide satellite maps for emergency management. The contract, identified as **Copernicus Emergency Management Service - Rapid Mapping**, will be active in the period 2015-2019. This is the operational service of the **European Copernicus** programme for Earth observation and is unique at a global level in the field of emergency. Under the new contract, the consortium will prepare and make available to the European Commission, satellite maps of areas affected by a natural disaster or humanitarian crisis. The **Copernicus Emergency Management Service - Rapid Mapping**, is operated by a consortium led by e-GEOS and composed of the German subsidiary GAF, the German Aerospace Center (DLR), the Italian company Ithaca and the French partners Sirs and Sertit. www.telespazio.com



New Aerial Photography of Ireland

Bluesky is now expanding its coverage to include the Republic of Ireland from 2015.

- Acquisition to commence in April 2015
- Products include: RGB, CIR, NTM, DTM & DSM
- National coverage (70,000 sqkm)
- 25cm coverage, with higher resolution 12.5cm data for the main urban areas (Dublin, Cork, Limerick, Galway, Waterford, Drogheda, Dundalk & Wexford)
- Spring/Summer 'leaf on' survey
- Scheduled to be available from late summer 2015 onwards
- Update cycle every 3 years
- GIS ready data available in multiple formats

Welcome to our world...



DEWBERRY SELECTS LP360 FOR LIDAR WORKFLOWS

QCoherent Software is pleased to announce that Dewberry has purchased multiple copies of LP360 for use in a variety of LiDAR workflows. Amar Nayegandhi, Associate Vice President and Director of Remote Sensing, stated that he had chosen LP360 after evaluating multiple desktop LiDAR analytic tools. "Rapid quality assessment of LiDAR data is critical to our workflows. LP360 has the ability to handle large data sets while maintaining very fast display response. It has a wide variety of point cloud tools that are quite easy to use. It can be run as a stand-alone 64 bit application as well as an ArcGIS extension, providing us with flexibility in deployment." Nancy Graham, general manager of QCoherent Software stated "Dewberry works closely with us, providing feedback that we are able to use in improving the features in our software." www.geocue.com

OCEANWISE AND IMAREST TO PROVIDE DATA MANAGEMENT TRAINING COURSES

OceanWise have announced an exciting collaboration with The Institute of Marine Engineering, Science and Technology (IMarEST) to develop and deliver industry essential Marine Data Awareness Training Courses in London and overseas. This collaboration combines OceanWise' expertise as a renowned provider of technical and management training to the International Hydrographic Organisation through its capacity building programme with IMarEST. The new courses, provided by OceanWise, will contribute to the IMarEST member Continuing Professional Development scheme. The first course, supported by The Society for Underwater Technology, is entitled "Providing an overview of Marine Data Management throughout its Life Cycle" and will be taking place at IMarEST offices in Aldgate, London, Thursday 18th June 2015. Dr. Mike Osborne, OceanWise's Managing Director said, "These courses will deliver important additional knowledge and builds on the IMarEST Metocean Awareness courses it delivers across the World." www.oceanwise.eu.



PHASE ONE SIGNS AUSTRALIAN DEALERSHIP AGREEMENT WITH C.R. KENNEDY

Phase One Industrial has signed a dealership agreement with C.R. Kennedy, one of Australia's most trusted distributors of surveying and photographic equipment and one of the few companies that spans the continent with sales and support. C.R. Kennedy will service existing and new Phase One Industrial customers throughout the region, including both Australia and New Zealand, in close cooperation with Phase One sales manager, Benny Buchtrup. Robert Kennedy, Director of C.R. Kennedy, and

grandson of the founder said, "We believe that the Phase One aerial cameras will be well received throughout Australia and New Zealand." Dov Kalinski, General Manager of Phase One Industrial said, "We are excited to be working with such a prestigious Australian company as C.R. Kennedy. This means that customers in Australia and New Zealand can purchase and receive support for Phase One aerial cameras from a local partner." <http://www.crkennedy.com.au> www.phaseone.com

KEYSTONE PURCHASES THIRD ULTRACAM FALCON WITH ULTRANAV

Keystone Aerial Surveys, Inc. has contracted with Microsoft's UltraCam business unit and subsidiary to purchase an UltraCam Falcon digital aerial camera system with the UltraNav GNSS-Inertial Direct Georeferencing + Flight Management System. Keystone is one of the largest providers of high quality aerial imagery in the US. "Our purchase of a third UltraCam Falcon continues Keystone's evolution to a completely digital acquisition model," said John Schmitt, President of Keystone Aerial Surveys, Inc. "Due to the Falcon's ability to capture very precise high resolution images, we offer digital acquisition that meets the requirements of our custom-



ers who have traditionally used film products, such as state Departments of Transportation (DOTs)." The new UltraCam Falcon will be put into use immediately and the projects will include all types of corridor mapping, such as highways, pipelines and power line rights of way. www.iFlyUltraCam.com www.kasurveys.com



DACORUM BOROUGH COUNCIL SELECTS CADCORP TO SUPPLY CORPORATE GIS


Dacorum Borough Council has contracted with **Computer Aided Development Corporation Ltd (CadcCorp)** for their corporate geographic information system. The system will make geographic information available to all council employees working locally or remotely, and will share geographic information with the public via the council's website. **Jayne Smith, GIS Officer at Dacorum** said, "Our research indicated that Web Map Layers and Web Map Editor from **CadcCorp** could meet our needs, both internally and externally. We saw that the applications were easy to use, and - just as important - easy for us to manage and administer". The new corporate GIS will manage all Dacorum's mapping data provided under the national **Public Sector Mapping Agreement (PSMA)**, together with business data generated by the Council. Cadcorp software will integrate with the Council's planning and building control system (IDOX Acolaid) and its environmental health system (Civica APP). www.cadcCorp.com

MOSCOW RELIES ON REAL-TIME TECHNOLOGY: PTV OPTIMA



Maxim Liksutov, Deputy Mayor, said that Moscow's newly implemented **Intelligent Traffic System (ITS)** stands out as one of the best in the world. At the heart of **Moscow's ITS** system is **PTV Optima**. This model-based solution of the PTV Group provides accurate traffic information in real-time and enables dynamic forecasting for a timescale of 60 minutes. Moscow is one of the biggest cities in the world - and it has its fair share of traffic challenges,


particularly during rush hour. The international metropolis has to contend with heavy congestion on its arterial and ring roads. To counter this, the city has opted to implement state-of-the-art traffic management technology. During the implementation, emphasis was placed on the connection to the city's signal control systems in particular. This will help traffic managers in future to react flexibly to traffic conditions through adaptive changes. www.ptvgroup.com.




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www.riegl.com



LANDWORKS TIGHTENS INTEGRATION WITH ESRI IN LAND MANAGEMENT SOFTWARE UPGRADES

LandWorks Inc. has introduced Release 5.20 of its three primary software suites - LandWorks Property Management, LandWorks GIS, and WebMaps Enterprise GIS. All three have been re-written for easier use, enhanced industry-specific functionality, and tighter integration with Esri GIS solutions. "In Release 5.20, we rebuilt the software from the ground up with a combination of C# [Sharp] .NET and a service-oriented architecture," said LandWorks President Jerry Bramwell. "This modern architecture allows for integration of live Esri GIS maps and builds a foundation for hosting in the cloud." Deployed extensively for land asset management and mapping in the oil & gas, utility, mining, pipeline, renewable energy and government sectors, the upgraded LandWorks software suites are expected to appeal to an even wider audience. In addition, their applicability within organizations will expand beyond land management to project planning, acquisition and development. www.landworks.com

INTRODUCING HEXAGON MINING

Hexagon Mining officially launched its bold vision of smart change at the world's largest mining investment conference, Mining Indaba. The conference, held in February in Cape Town, South Africa, offered the perfect platform for Hexagon Mining to unveil an unprecedented portfolio of innovative technologies. Hexagon Mining is the only company to solve critical surface and underground challenges by integrating design, planning, and operations technologies for safer, more productive mines. Combining the innovative technologies of industry leaders MineSight, Devex Mining, Leica Geosystems Mining, and SAFEmine, Hexagon Mining seamlessly links mine planning, design, fleet and production management, optimization, fatigue monitoring, and collision avoidance systems for a comprehensive flow of data across all operations. These brands represent more than 100 years of innovation, experience, and results. "As high-grade ores become scarcer and profit margins tighten, the consolidated experience and expertise offered by Hexagon Mining could not be more timely," said Hexagon President and CEO Ola Rollén. www.hexagonmining.com



MAPTEK RELEASES I-SITE DRIVE FOR FAST, FREQUENT STOCKPILE VOLUME REPORTING

Maptek™ has released I-Site™ Drive to provide mines and industrial operations with a faster, more accurate system for frequent stockpile volume reporting. I-Site Drive continuously acquires data with recommended I-Site laser scanner mounted on a moving vehicle. The Inertial Navigation System (INS) installation in the custom vehicle mount is the key to survey efficiency. It allows the laser scanner to acquire data continuously and automatically assigns

real world coordinates to the data, ready for processing. 'Faster data collection, reduced risk to operators and shorter processing time are key benefits of I-Site Drive,' said Manager of Laser Imaging Systems, Athy Kalatzis. I-Site Drive is more flexible and affordable than other dedicated mobile solutions. Operations can now use the one laser scanner for tripod, vehicle-mounted stop-go, rail or hatch-mounted survey, and continuous survey. www.maptek.com

AGENCY9 BRINGS WEBGL STREAMING OF 3D CITIES TO IOS AND ANDROID

Agency9 has extended its 3DMaps WebGL support to iOS and Android devices. Large highly detailed 3D city models can now be streamed to web browsers on both tablets and smartphones with both high performance and visual quality. Mobile support substantially improves reach in GIS and planning applications. Using WebGL and HTML5 improves usability with plugin free viewing of 3D directly in the web browser, eliminating the need for the download and installation of dedicated apps. Agency9 3DMaps is capable of smoothly visualising large scale terrain and detailed textured building models on a national or global basis. Agency9 3DMaps supports common 3D scenery in common



GIS formats (e.g. ArcGIS, CityGML) and is also validated with output from tools as Smart3D-Capture, PhotoScan from AgiSoft, StreetFactory from Airbus Defence and Space as well as LiDAR/imagery tools from TerraSolid. www.agency9.com

LIZARDTECH RELEASES GEOVIEWER IOS

LizardTech has released an update to its free iOS GeoViewer application for viewing geospatial imagery and vector overlays at the Esri Fed GIS Conference. GeoViewer for iOS enables iPad, iPhone, and iPod Touch users to view MrSID and JPEG 2000 imagery on their mobile devices. GeoViewer includes measurement tools, image band selection, and more. The latest release includes free support for bookmarks and base maps. You

can purchase additional functionality like displaying web map service (WMS) imagery, area measurement, and address search via a single in-app purchase. The in-app purchase is \$4.99 and also includes support for additional projection systems and tracking your current location for measurement purposes. To download GeoViewer for iOS, visit the LizardTech website or the iTunes Store. www.lizardtech.com