UK startup solves drone safety threat globaly

A UK tech startup has unveiled a groundbreaking service that will address one of the world's most pressing concerns in aviation, drone safety. **Altitude Angel** is a drone cloud services company offering enhanced situational awareness information, real-time 'air traffic control for drones', as well as plug-in geofencing data targeted at manufacturers and developers. It has now unveiled a global airspace monitoring system that promises to help drone operators fly more safely and responsibly, **Airspace Alerts**. The new software enables drone operators to specify 'alert regions' that the firm's cloud platform monitors in real-time for low-flying manned aircraft, proactively sending a push notification via email or SMS to the drone operator to ensure they have time to move out of the way safely. **www.altitudeangel.com**

Cadcorp provides support for latest OS OpenData™ products and OS MasterMap® styling.

Cadcorp has provided software support for three free-to-use data products from the **Ordnance Survey: OS Open Map - Local; OS Open Roads**; and **OS Open Rivers**. Support for the new data products was added in a recent service release of the Cadcorp **Spatial Information System** software suite. The three vector-based datasets provide a nationally-consistent and high-level cartographic view of buildings, road networks and rivers and waterways throughout Great Britain. The three products have been designed to be used together. OS OpenData products are free to view or download for use in both personal and commercial applications and are used by many Cadcorp customers to provide a background against which to view their own business data. **www.cadcorp.com**

Europa adopts Masternaut Connect to create connected fleet workforce

Europa Worldwide Group has implemented **Masternaut Connect** to create a connected fleet workforce, which will improve scheduling, enhance customer service, and allow for further growth and expansion. Masternaut Connect has been installed in more than 200 trailers across Europe, ensuring Europa can share live information with its sub-contractors. This allows for improved fleet visibility and management, and provides customers with improved service information. Europa's Dartford branch uses screens showing Masternaut's system within the office, ensuring staff have full visibility of where trailers are. Europa's hubs have been geofenced so alerts are issued that keep depots better informed, so that they are ready to receive trailers. This transparency is improving operational efficiency by helping production, scheduling, unloading and reloading. **www.europa-worldwide.com www.masternaut.com**

Nottingham flood expert is honoured by Royal Geographical Society

An expert in rivers from **The University of Nottingham** has been recognised for his outstanding contribution in helping to shape national and international policy on rivers and flood management. Professor **Colin Thorne**, from the **School of Geography** is to be awarded the prestigious **Back Award** by the **Royal Geographical Society.** The award is given annually for applied or scientific geographical studies which make an outstanding contribution to the development of national or international public policy – recognising geographers who've had a significant policy impact with their research. Professor Thorne is a leading expert in his field and has made outstanding contributions to the scientific study of rivers that have, in turn, helped shape national and international policy on river and flood risk management. **www.nottingham.ac.uk**

Peter Fitzgibbon, Editor

Sweating your assets?

Obtaining the best return on an investment over its lifespan is a constant preoccupation for owner-operators of energy, utility and transport networks. Getting the sums right becomes ever more important as we transition to 'smart' or self-aware infrastructures supported by Big Data, intelligent sensors and real-time feedback loops.
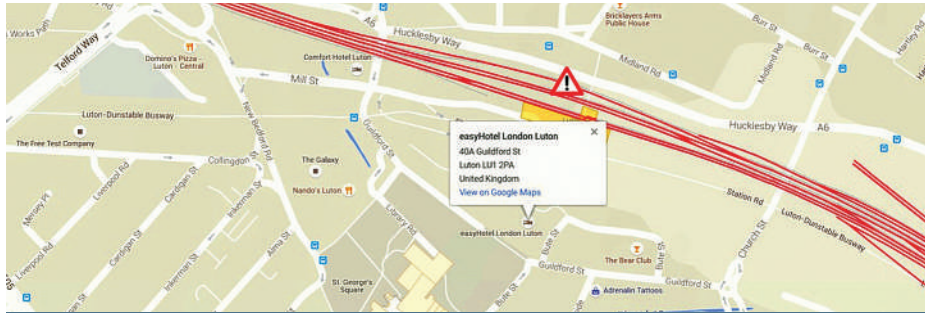
What existing networks have in abundance are legacy assets – pipes, cables, plant and components – many of which suffer wear-and-tear or run the risk of sudden and perhaps unexpected failure. The ability to predict where and when they will need servicing, repair or replacement depending on a variety of factors, both natural and man-made, is crucial to obtaining that long-term RoI.

It was a point taken up during my recent meeting in London with Greg Bentley, CEO of Bentley Systems. His view is that we now have the tools and data to acquire that all-important predictive capability ... a move that takes us beyond asset performance *monitoring* to the next level: asset performance *modelling.*

The required framework already exists in the shape of digital engineering drawings, models and data, and this 'digital DNA' as he calls it, can be leveraged within a common data environment to track change as it happens. This accumulation of data, from design to fabrication to commissioning to operation, will provide an ever-smarter baseline for managing assets and predicting their behaviour.

Great for those embarking on greenfield engineering projects, but what about those whose As-Built brownfield assets may, in whole or in part, lack the required digital DNA? In such situations, we can employ 3D laser scanning to create it from scratch, a process Greg Bentley terms *reality modelling.* Of course, this has to be repeated on a regular basis to keep pace with change. As an economical alternative, he points to the company's recently-launched ContextCapture software that generates navigable, georeferenced and infinitely-scalable As-Operated 3D models from conventional photos and videos.

Even if such cutting-edge developments don't get asset managers sweating, they should certainly get them thinking!

GeoPlace identifies impressive £4 return on every £1 spent on council address information

A **GeoPlace** commissioned study projects net benefits up to £202 million by 2020 from better use of the address and street data that councils create and maintain. Based on the current rates of adoption, this represents a Return on Investment after discounting of 4:1. The purpose of the research study was to provide a cost/benefit evaluation of the impact of address and street data that GeoPlace collates, across England and Wales. The study was launched at the GeoPlace annual conference at the end of April 2016. The research outlines the benefits afforded to local authorities in a number of areas including; reduced data duplication and integration, improved tax revenues, channel shift and route optimisation in waste management. **www.geoplace.co.uk**

GreenRoad Highlights Driver Behaviour Monitoring with New Website

GreenRoad Technologies has announced the launch of its newly redesigned website, which will showcase its expertise in powerful, mobile based driver behaviour monitoring and fleet performance management technology. Through an improved website experience, GreenRoad hopes to better educate its clients and present its position as the premier fleet management software solutions provider. The new website showcases its solutions for organisations seeking driver behaviour and fleet management software for their industry-specific needs. Visitors can read about their patented, award-winning technology, as well as a comprehensive fleet management solutions suite, which includes: Driver Behaviour, Live Fleet GPS Tracking, In-Vehicle Video Integration, Field Service Resource Locator, Fuel Optimization, Vehicle Maintenance, Hours of Service Manager, and Comprehensive Business Intelligence and Reporting tools. **www.greenroad.com**

Senceive Making Waves In Wireless Monitoring

Graham Smith, CEO, confirmed that **Senceive** is truly leading the way in the wide scale deployment of cost effective and precise automated **Wireless Remote Condition Monitoring Solutions.** With over 2000 sensors deployed in the past 6 months alone, Senceive have had another record half year for supply and commissioning of its unrivalled monitoring systems across the UK and overseas. This firmly re-inforces the trend by Surveyors and Civil Engineers alike who wish to have "hassle free" and totally reliable monitoring equipment that improves safety whilst being ultra-easy to deploy. Senceive have worked tirelessly in partnership with contractors and monitoring companies, over 10 years, to ensure **FlatMesh** provides stable, precise and highly user-friendly data anywhere in the world from any installations. **www.senceive.com**

Allies announces partnership with what3words

Allies is proud to announce a collaboration with the innovative and award-winning location reference company, **what3words**. The move means Allies, whose address technology is used by many of the UK's top businesses, now offer the what3words feature set within their popular address validation API, **PostCoder Web**. what3words provides a simple way to communicate locations anywhere in the world and allows any point to be identified using a 3 word address in the format of word1.word2.word3. The **what3words geocoder** turns geographic coordinates into these 3 word addresses and vice versa. The collaboration means businesses using PostCoder Web can now find the 3 word address for an address, or lookup an address using its 3 word description. **www.what3words.com www. alliescomputing.com**

ABPmer to support CEMEX marine aggregate extraction licence application reviews

ABPmer has been commissioned by **CEMEX** to undertake an **EIA** and prepare the associated **Environmental Statement** for proposed marine aggregate extraction from an area on the south coast. Dredging to extract aggregates, sand, gravel, and other marine minerals, from the English seabed needs a marine licence and a separate permission from the landowner. Such licences usually require an EIA. **Natalie Frost, Planning and Licensing Business Development Manager at ABPmer** said; "We are delighted to have been awarded this contract by CEMEX. ABPmer is a recognised consultant within this sector and understands the challenges faced by the marine aggregates industry in fulfilling EIA requirements associated with both licence renewals and new applications." **www.abpmer.co.uk**

Research From Royal Mail Reveals That UK Businesses Need Better Quality Data

Research from **Royal Mail Data Services** reveals that quality, up-to-date contact data has the single greatest impact on the response and conversion rates of marketing campaigns. UK businesses ranked quality of contact data as more important than the timing of a campaign, personalisation and creative execution in delivering positive results for marketing. Quality of contact data was placed first in order of importance by survey respondents. UK companies more often use unvalidated data for business decision-making and marketing. For 67 per cent of UK firms, a postal-address is the most valuable piece of data they can collect for marketing purposes and the overwhelming majority (88 per cent) cite their websites as the primary source for gathering this information. **www.royalmail.com**

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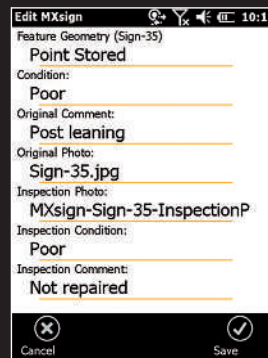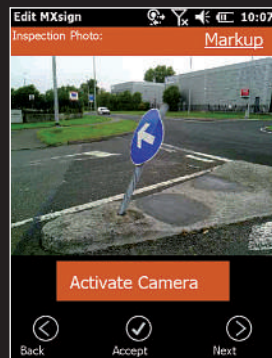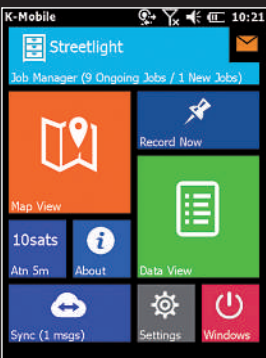
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