

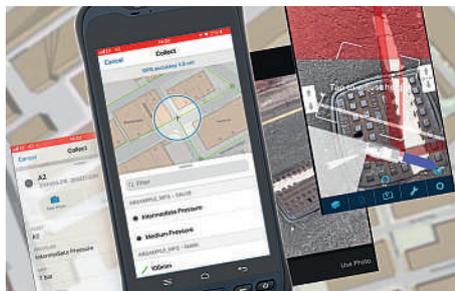
Forestry Commission Uses Aerial Photography to Create Forest & Woodland Maps

The Forestry Commission has revealed how it is using the latest aerial photography to manage and regulate public and private forests in the UK. Supplied free at the point of use by Bluesky and Getmapping under the Aerial Photography for Great Britain (APGB) contract with the Geospatial Commission, the high resolution imagery is widely used across the organisation. Hosted in the cloud and delivered via web services the regularly updated photography is used to complement Ordnance Survey mapping, provide contextual detail for mapping and analysis tasks and in the creation of 3D visualisations to communicate woodland management projects. As network and GI technologies have improved and more data has become available the Forestry Commission has embraced the cloud. This allows it to deliver the APGB imagery, alongside other types of geospatial data, to users in all parts of the business. www.bluesky-world.com



MGISS Launches Web App for Augmented Reality Visualisations of Buried Assets

MGISS, a UK geospatial specialist, has released a new version of its web app TopoGrafí which allows for the display of 3D data in real world models. With enhanced 3D data processing capabilities, TopoGrafí is an end to end platform for capturing buried asset data and processing it for visually impactful and interactive Augmented Reality visualisations. Specifically aimed at the utility and infrastructure sectors, TopoGrafí is already helping organisations in water and highways sectors enhance asset location data, improve on-site safety and reduce construction and maintenance costs. Many field based data collection tools only project in 2D, which is why MGISS developed the unique TopoGrafí solution to display 3D data in real world models.



Designed to be used alongside apps such as Esri Collector for ArcGIS, the TopoGrafí platform uses data from low cost, high accuracy, on-demand positioning services; GNSS (Global Navigation Satellite System). www.mgiss.co.uk



4 Earth Intelligence Supports Environmental Policy Development with Satellite Land Use Mapping

Earth observation company 4 Earth Intelligence (4EI) has launched a new land cover mapping service based on advanced machine learning. Created from satellite imagery the 4EI service can automatically provide large area base maps together with regular updates of land cover change. Offering a better understanding of changing landscape and vegetation patterns the 4EI Land Cover data also provides insight into the interaction between human activity and nature including improved understanding of the importance of green infrastructure – essential ingredients for solving urban and climatic challenges. Applications of 4EI's Satellite Derived Land Cover data include the identification of habitats which could be vulnerable due to urban sprawl, understanding and demonstrating compliance with planning policies, creation of corporate mitigation strategies and evidence of Corporate Social Responsibility (CSR) objectives. 4EI has already worked with government and commercial organisations around the world to deliver base line maps and updates. www.4earthintelligence.com

BigChange Mobile Workforce App & Telematics Speeds Road Gritting Operations

UK gritting company AA Salt has doubled the productivity of its gritting operators following the introduction of a cloud-based mobile workforce system from BigChange. The system combines real time vehicle tracking and mapping with a mobile app that synchronises in real time with back office management software as part of a 5 in 1 solution for paperless working. AA Salt provides commercial gritting and snow clearing services and the productivity gains are due to improved routing and job scheduling using BigChange Scheduler software and greater efficiency through the elimination of paperwork. As part of the system the fleet is also fitted with GPS tracking so gritting operations can be monitored 24/7 and this, coupled with live status reports from gritting operators, has allowed AA Salt to boost customer service. www.bigchange.com



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