



BIM and Sky Revolutions

BIM can bring assurance to a project and can help save money by making more informed choices and cutting out wasteful processes. It is now widely adopted in the construction and property sectors reflected by an increased demand for quality-measured 3D survey data.

We provide 3D topographical and volumetric surveys using the latest aerial surveying tools that show precise 3D surface characteristics.

UAVs can amass images of damage and defects in building structures which can then be integrated into BIM workflows. Mounted light-detecting sensors help provide accurate point cloud data which can be processed and imported into BIM software such as Inventor, AutoCAD, Autodesk, Revit & Archicad to create intelligent 3D models.

BIM captures richer data and knowledge than traditional 2D models. UAVs can accumulate millions of points of data very quickly and transfer it to the desktop to be manipulated in endless ways. By comparison, older traditional methods only captured a few thousand points and take a lot longer.

Ends.



Notes for Editors

Sky Revolutions Ltd.

Sky Revolutions is one of the UK's most authoritative voices in aerial imaging, surveying, and aerial surveying. The company offers exceptional quality multi-sector time lapse, aerial imaging, and surveying services to private and public sector institutions, Europe-wide.

Sky Revolutions is a dedicated team of professionals with more than 20 years' experience in construction surveying. Valued for their specialist surveying skills, Sky Revolutions offers effective advice and data interpretation as well as filming, mapping and CAD services.

Sky Revolutions is known for leading the way with aerial imaging and remains the only organisation using 100' masts to provide a free standing, at-height image solution for large construction sites. Highly qualified and accredited, its UAS (Unmanned Aircraft Systems) expertise helps customers access complex and often hazardous environments, see and record the condition of assets from a birds' eye view, and make informed assessments quickly, safely and cost-effectively. The company uses some of the most sophisticated drones in the market to capture ultra-high definition images at a fraction of the cost of traditional aircraft surveys and with fewer risks than platform or scaffold use.

Sky Revolutions was one of the first UK organisations to realise the benefits of drones in surveying. Drones or UAVs (Unmanned Aerial Vehicles) offer significant advantages in surveying and high-level inspection.

To find out more, or to request original files, film, or image samples, or to request an interview or comment, please contact:

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