

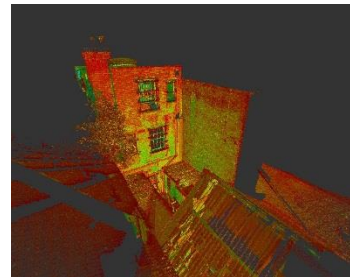
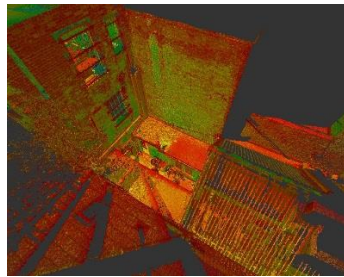
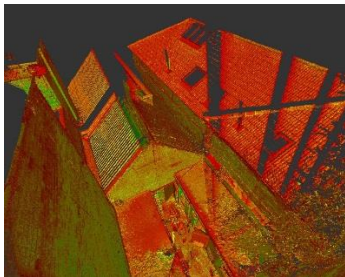
INTRODUCING LiDAR

LiDAR (Light Detection and Ranging) or laser scanning by drone creates exceptionally detailed digital models of landscape, vegetation, buildings and other assets. This makes it a great process for mapping and surveying landscape, quarries, stockpiles, roads and infrastructure, forestry, floods and complex structures such as powerlines.

LiDAR is capable of seeing through vegetation and providing extremely precise images of what lies underneath, revealing objects in a point cloud. The sheer volume of data that can be captured by UAV-mounted LiDAR also helps create comprehensive data to support more effective decision making.

If you need to map below the tree canopy or need to 'see' below obstructions, or you're modelling objects that require greater accuracy (representation of sharp edges on a building for example), then LiDAR is worth considering as an alternative to photogrammetry.

[Contact us](#) for more details





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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