ProDroneWorx
Aerial & Terrestrial Surveying, Inspection & Modelling

AERIAL MAPPING, INSPECTION & SURVEYING

Specialist expertise for the construction, infrastructure and asset inspection industries

We specialise in delivering digital information from drone technology across the construction, infrastructure and asset inspection industries.

Since our foundation, we have partnered with a large number of leading construction companies in the UK on drone-related projects, such as **progress monitoring**, **asset inspection**, **stockpile measurements**, **3D point clouds** and **digital surface/terrain models.**

The **digital/reality capture data** we produce on a project provides **deeper data insights, better collaboration, improved deliverables** to the client while **reducing costs and risks.**

We believe that safety is paramount

- We bring extensive practical experience having flown 50 plus 'drone-missions', accumulating over 100 hours of flying.
- We only use experienced drone pilots, holding a 'permission for commercial operations' license from the UK Civil Aviation Authority.
- We have the capabilities to use drone technology at night and in built-up areas, operating within 10m of the public.

survey grade accuracy

integration with BIM, CAD, GIS

data analysis

safety

partnership building

Data analysis and drone technology are equally important!

Post-flight digital data analysis is critical to the effectiveness of any project involving drone-technology

We bring significant experience in analysing large segments of digital data to help clients achieve actionable outcomes, so they can quickly and effectively add value across their construction-related projects.

We build partnerships

We partner closely with our clients on the post-analysis of digital data, from how to interpret the information through to integrating the data into their current workflow (using BIM, AutoCAD or GIS).

Executing a specific requirement

- ✖ Asset inspection: Quickly and efficiently inspecting key assets and reporting back findings.
- ✖ Surveying: Utilising highly accurate processes creating survey grade accuracy down to approx. 5cm.
- ✖ Progress monitoring: Accurately and efficiently track work progress against digital models using 2D and 3D data.

Delivering the information

- ✖ 3D point clouds/textured models: Models that help better understand and visualise an area of interest with detailed levels of depth.
- ✖ Volume measurement: Quickly and efficiently measure stockpiles.
- ✖ Digital surface/terrain models: Digital visualisation tool for a wide variety of requirements.
- ✖ Orthomosaics: Blending imagery over a larger area to form a mosaic, creating one image in high resolution.

To find out more **info@prodroneworx.co.uk /+44 (0)7805 864642**