

UAV Surveys – Transparent Data

Technics' Unmanned Aerial Vehicle (UAV) service remotely captures survey related data and images for multiple purposes. UAV's can complement other survey methodology to fulfil specific client specifications, working as a powerful tool for complex environments.



Applications

LAND AND SITE SURVEY – Preliminary inspections to assess the size, quality, volume and nature of the site. We can produce topographical drawings, elevations and 3D BIM compatible models from the point cloud data captured for your projects.

BUILDING SURVEY – Produce on-the-ground survey data from the office, delivering complete photographic and video coverage of the external areas of the building for your reports.



Technics

Applications

MARKETING – An aerial perspective to inform audiences and increase interest in your property. We supply the high-resolution photographs and videos to help you attract the right buyer.

Benefits

- Minimal disruption to the site, with all survey work undertaken remotely
- High-Resolution images specific to your requirements
- Reduced survey time in comparison to employing access equipment, scaffolding or cherry pickers
- Environmentally friendly through the use of rechargeable batteries
- Mass data capture in a short space of time – 100 hectares per day
- The UAV data can supplement ground survey methodology, improve the survey accuracy, and provide a greater data set for multiple purposes
- Reduces the risk to surveyors working within the site environment with inaccessible or hazardous areas surveyed from remote areas
- This technology will provide greater insight into your project to help you make informed decisions at every stage of the development



Output

2D

Visual Mapping, Near-infrared and Digital Elevation Models

3D data

RGB Point Cloud, Topographical Surveys, As-Built Surveys, Interactive 3D Models, Visualisation and Animations

Raw Imagery

Aerial photography, Video Fly-through, Thermal Imagery, Multi Spectral Imagery

*For more information or to discuss how this technology can add value to your project, please call **01483 230 080** or email **enquiries@technicsgroup.com***