



Aerial Survey Case Study



Project Background

Miru has been working closely with clients over the past 5 years to look at how new technologies such as aerial drones can be used to survey properties in a quicker, safer, and more cost-effective way.

The versatility of drone technology allows us to inspect high areas that are inaccessible in person and record the condition of a property through video and photography.

Miru recently teamed up with one such client to survey an apartment complex, made up of five separate blocks, with our aerial drone services.

This case study explores this project and provides insight on how aerial surveys can help on other projects.

ABOUT MIRU



We're a multi-award winning visual documentation agency that specialises in creating imagery for the property & construction industries.

Our work has won a number of awards and has featured on the BBC as well as a number of other publications.

- **QUALITY**
- **COLLABORATION**
- **PROFESSIONALISM**

We work closely with our clients such as L&Q, Telford Homes, and BNP Paribas on a range of projects across the UK.

Our services aim to provide high-quality, clear and concise visuals on every project to document the condition of properties, inspect inaccessible areas and to carry out surveys on buildings.

Visual documentation can help with project updates, site assessments, planning, surveys, project handovers, marketing, and to solve disputes or discrepancies.

Our range of services include; **Photography, Aerial Imagery, Video, Time-lapse, CGI, & Virtual 3D Walkthroughs**

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GLOUCESTER COURT

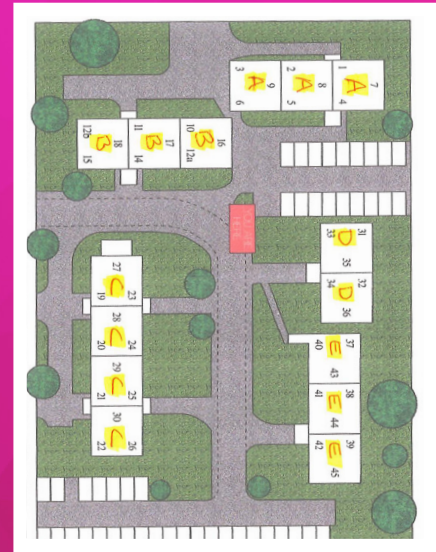
Miru was asked by a client to carry out condition surveys on each of the 5 separate apartment blocks found on one management site.

This project was a huge success, showcasing the speed and versatility of aerial drone surveys.

Each building successfully had its roof, inaccessible areas, and points of damage/ interest inspected by the on-site client in real time, through an external monitor (COVID Safe).

The recorded imagery captured during the inspection provides a thorough lasting record of each building for future reference.

If scaffolding was used these works are estimated to have taken 2 weeks to complete at a cost of around £15,000, instead through the use of aerial drone technology it took 1 day to record all 5 blocks at the considerably reduced cost of £3,500.



TECHNOLOGY / PERMITS

WORKING WITH DRONES SAFELY

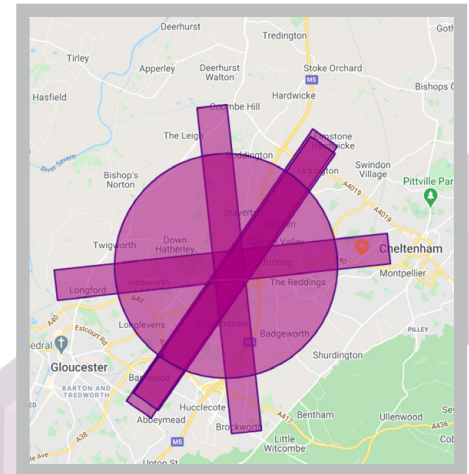
The use of drone technology for commercial purposes is still a relatively new concept in the UK.

In order to carry out surveys/inspections you are required to use a professional drone operator that holds the correct licences and paperwork.

At Miru, our team are fully certified by the Civil Aviation Authority (CAA) and hold valid PfCO's allowing us to carry out commercial operations such as surveys/inspections.

Glencairn Court is a prime example of why our experience is vital, given the site is located within Gloucestershire Airport's no-fly restriction zone.

Under normal circumstances this would have prevented us from using the drone on this project, however, as we hold the correct paperwork and knowledge we were able to liaise with the Airport, obtain the correct permissions, and carry out the works legally, and more importantly safely.





*Scaffolding
Cherry pickers*

*Est. Cost
£15,000*

*Duration
2 Weeks*

*Aerial Drone
Survey*

*Cost
£3,500*

*Duration
1 Day*

NEW WAYS OF WORKING



- *Cost-Effective*
- *Versatile*
- *Time Efficient*
- *HD / 4K Quality Video*
- *High-Quality Imagery*
- *Clear & Concise*
- *Long-Lasting Record*

INFORMATION CAPTURED

FOR RECORD



NATIONWIDE COVERAGE

Our team of drone operators covers the whole of the UK.

We understand that the properties you manage are spread throughout the UK so to provide support that is consistent and of the highest quality we send our team to location whether that is to inspect sites in Cornwall or Aberdeenshire.



CLIENTS

"Working with the Miru team has been a pleasure.

When we have needed their help they have been quick to respond & captured some great imagery.

We would definitely recommend them."

The logo for L&Q, featuring the letters 'L' and 'Q' in a bold, white, sans-serif font, with an ampersand between them.The logo for DP WORLD, with 'DP WORLD' in a bold, white, sans-serif font and a small globe icon to the right.The logo for M MIAGENCY, featuring a large, stylized white 'M' with the word 'MIAGENCY' in a smaller, white, sans-serif font below it.The logo for BNP PARIBAS, consisting of a square icon with a stylized tree and the text 'BNP PARIBAS' in a white, sans-serif font.The logo for GLENNY, with the word 'GLENNY' in a bold, white, sans-serif font, flanked by two vertical bars.The logo for JONES HOMES, with 'JONES' in a large, bold, white, sans-serif font and 'HOMES' in a smaller, white, sans-serif font below it.

"We take pride in attention to detail and it's always important for us to work closely with companies who have this same work ethic.

We have worked with Miru over many projects and recommend them highly to anyone, they are very knowledgeable of the technology which can be shown in their work.

Their services have been brilliant for us."

The logo for telfordhomes, featuring a circular icon with a stylized white shape and the text 'telfordhomes' in a white, sans-serif font.The logo for Pentland Homes, featuring a stylized white horse icon and the text 'Pentland Homes' in a white, sans-serif font.



Get in touch to discuss how we can help with your next project...

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MIRU