



# UAV/DRONE SURVEYS

## State of the art UAV technology

The UAV operations arm of Orbital specialises in the provision and operation of Unmanned Aerial Vehicles (UAVs) for aerial surveys. UAV's are also commonly known as a Remotely Piloted Aircraft Systems (RPAS), UAS or Drones.

Our highly motivated and experienced team combines 20 years of manned aviation experience with the latest UAV technology to provide our client with cost effective and innovative solutions.

The services we offer range from close proximity aerial inspection to broadcast quality video production utilising our customised fleet of UAVs. Our use of both multirotor and fixed wing UAV systems allows us to utilise the best tools for the task at hand and ensure the highest quality deliverables every time.





The benefits of UAV aerial surveys include increased reaction speeds, reduced costs, improved safety and increase flexibility over traditional systems.

With 3D aerial imagery, we are able to analyse a particular site from many different angles and with the ability to measure volumes and distances, 3D models allow for a more informed decision when planning future developments. The image shown is made from a number of vertical images taken from a UAV, which are then stitched together to form the basis of the 3D image.

We've had the pleasure of working across a wide range of industries including Oil, Gas, Petrochemical, Broadcast, Telecoms and Utility companies, both onshore and offshore, in the UK, Europe, Middle East and around the globe.

We are always on the look out for new applications of the technology and regularly provide UAV aerial survey consultancy services for many companies throughout the UK and Europe.

All imagery can be uploaded to our online image mapping collaboration tool, Visivi.

At Orbital we continuously invest in equipment, innovation, and training in order to ensure that we can satisfy a broad spectrum of requests. Our business is based on a passion for excellence and the drive/expertise to ensure that your requirements are exceeded and every project a success.

Our ability to produce custom or modify existing equipment in house allows us to adapt to your requirements in a cost effective and timely manner.