



**Class One  
Systems**

Actionable  
Engineering  
Intelligence

# UAV SERVICES BROCHURE



Whether you're seeking aerial mapping, surveying services, aerial inspection or videography services, we've got you covered.

**This booklet provides  
information about our UAV  
services.**



## **Step boldly into the future, where innovation meets productivity today**

Improve your projects' efficiency and turnaround time with our industry-leading UAV services. Our services are designed for businesses, government agencies, and forward-thinking enterprises. Whether you're generating real estate visuals for improvements or future development, generating real estate planning data, optimising construction site analysis, precision mapping, streamlining construction site inspections, capturing memorable events or just require breathtaking aerial content, we empower our service groups to harness the full potential of UAV technology.

Enhance your projects with cutting-edge UAV solutions, now seamlessly integrated with advanced laser scanning technology as needed. We deliver high-resolution, data-rich results.

## Mapping & Surveying



Unmanned Aerial Vehicles (UAVs) gather geospatial data for mapping, surveying, and land analysis. Equipped with specialised cameras and sensors, they capture high-resolution images and videos to create 3D models, maps, and orthomosaic images. UAVs aid in land surveys, infrastructure inspections, precision agriculture, and environmental monitoring. They offer cost-effective and rapid data collection, benefiting various industries in informed decision-making and resource management.

## Aerial Inspection and Videography



Aerial inspection and videography involve using unmanned aerial vehicles (UAVs) equipped with cameras and sensors to inspect structures and capture high-quality visual imagery. They're used in industries such as infrastructure management, towers, tanks, and flare stacks in the onshore and offshore energy, telecoms, and power industries. Also included are environmental assessment, filmmaking, and real estate to conduct inspections, monitor environmental conditions, create cinematic shots, and showcase properties from above. These UAVs provide a safe, efficient, cost-effective way to inspect, record footage, and capture unique aerial perspectives.

## Oil Spill Detection

UAV technologies has revolutionize oil spill monitoring with real-time, aerial surveillance that swiftly identifies and assesses contamination zones. Equipped with high-resolution cameras, thermal sensors, and multispectral imaging, UAVs can detect oil slicks across vast marine environments, providing precise data for containment strategies. Unlike traditional methods, UAVs offer rapid deployment without human risk, while optimizing resource allocation. By integrating AI-powered analysis, we can track dispersion patterns, and guide cleanup efforts.



## Search and Rescue Operations

UAVs enhance emergency response by rapidly locating missing persons in difficult terrains where traditional search methods are slow or hazardous. Outfitted with infrared and thermal sensors, UAVs detect heat signatures, offering life-saving visibility in low-light or obstructed environments. In collaboration with our FlightHub service, video streaming enables coordination with ground teams, expediting rescues while reducing operational costs.





# Flighthub

FlightHub is a cloud-based UAV management solution designed to streamline UAV operations for businesses, government agencies, and professionals. This platform enables real-time supervision, mission planning, and data security, ensuring seamless collaboration and situational awareness. With 2.5D Base Maps, terrain insights, and automated alerts, operators can plan and execute missions with precision while monitoring live UAV feeds in high resolution. Secure cloud storage ensures flight logs, images, and videos are safely managed, while remote monitoring minimises operational risks. We empower organisations with cutting-edge UAV capabilities, optimising efficiency, safety, and operational effectiveness.



## UAV Payloads

UAV payloads are various equipment, instruments, or devices UAVs carry to perform specific tasks or functions. These payloads include cameras and imaging devices, sensors and detectors, delivery systems, communication and signal devices, sampling and collection tools, agriculture payloads, LiDAR and mapping tools and gimbal stabilization systems.



## Agriculture Services

We can offer specialised UAV services for farming, to aid in monitoring crop health, identifying pest problems, and improving irrigation. However, the availability of these services depends on local government regulations, which may set rules on where and how UAVs can be used. We always follow local laws and work with officials to ensure our operations are safe and legally approved. Before providing any agricultural UAV service, we check the rules to make sure everything is done properly.





## Why Choose Us

- **Cost efficiency** – No need for a hefty upfront investment in UAV equipment. Pay for the services you need, when you need them, without the burden of ownership costs.
- **Expertise at your fingertips** – Our UAV pilots bring unparalleled expertise, ensuring your aerial needs are met with precision and professionalism.
- **Access to cutting-edge technology** – Embrace the latest advancements in UAV technology without the hassle of keeping up with equipment upgrades. We invest in top-of-the-line UAVs to deliver exceptional results.
- **Custom solutions for every project** – From aerial mapping and surveying to stunning videography, our services are tailored to meet the unique requirements of your project or event.
- **Time-saving and efficient** – Our experienced pilots navigate the skies swiftly, delivering results efficiently. Focus on your core tasks while we handle the intricacies of UAV operations.
- No maintenance hassles: Enjoy the benefits of UAV technology without the responsibility of maintenance. We handle all the technicalities, ensuring you only experience the thrill of the aerial perspective.

## Contact us

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