

SPECIALIST OPERATIONS. INFORMED DECISIONS.

From mission planning to evidence you can act on.

Remotely Piloted Aircraft Systems (RPAS) services for industrial assets, infrastructure and challenging environments. Agree the outcome, capture the right data and deliver reviewed information for your next decision.

THREE SPECIALISTS. ONE COORDINATED SERVICE.



Inspection intelligence, AVISpect Reporting, analytical dashboards and decision support.



Specialist RPAS operations, advanced Drone Operators and inspection capability.



Aircraft operations, aerial capture and practical flight capability.

Five disciplines. Defined deliverables.

Photogrammetry

Textured three-dimensional (3D) models and orthomosaics for asset review, measurement and location-linked findings.

Light Detection and Ranging (LiDAR)

Point clouds and terrain surfaces; verified geometry for Building Information Modelling (BIM) workflows, with model development scoped separately.

Thermography

Located thermal anomalies with visual evidence, capture conditions and prioritised follow-up recommendations.

Gas detection and quantification

Located indications and measurement conditions; quantified emissions where the method and data support them.

Surveying

Terrain, level and stockpile-volume outputs with agreed control, accuracy checks and intended use.

APPLICATIONS FOR YOUR ASSETS

Mining: terrain and stockpiles. Energy: thermal and gas indications. Infrastructure: bridge and tower models with traceable inspection findings.



DELIVERY, CAPABILITY AND ASSURANCE

A clear path from scope to handover.

Bespoke assignments, campaigns, application training and specialist equipment. Agree responsibilities, coverage and acceptance criteria before mobilisation.

PROJECT DELIVERY

Flight plans, work method statements, system selection and campaign management. Handover includes agreed files, quality checks, limitations and revision records.

AVISPECT REPORTING

Location, anomaly, dimensions, criticality and recommended response. Microsoft Power BI metrics and linked evidence support priorities and action tracking.

Develop the operator. Deliver the outcome.

Advanced training connects structured theory, supervised practice and reviewed outputs. Progress through payload fundamentals, mission planning, capture, software, processing, verification and delivery.

Courses cover confined spaces, challenging environments and the five disciplines, with defined prerequisites, tasks and assessment criteria. Discuss Remote Pilot Licence (RePL) pathways with Global Drone Solutions where required.

Specialist systems. Australian support.

Nolvis Australian distribution. Drone Alliance supplies the X1 confined-space drone under its distribution agreement, with demonstration, application training and operational support options.

Sales and hire. Aircraft and payloads matched to the assignment. Equipment-only hire, technical support or an aircraft with a Drone Operator. Configuration and availability are confirmed on enquiry.

LICENSED AND INSURED FOR AUSTRALIAN OPERATIONS

Drone Alliance holds Civil Aviation Safety Authority (CASA) certification and maintains the licences and insurance required for its Australian operations.

Chief Remote Pilot (CRP): Paul Bromilow.

Discuss your project.

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