

UAV SERVICES AND TECHNOLOGY

Safer • Quicker • Cost-Effective Solutions

Safety, Survey, Mapping, 3D Models,
Professional Video Services & Asset Inspections

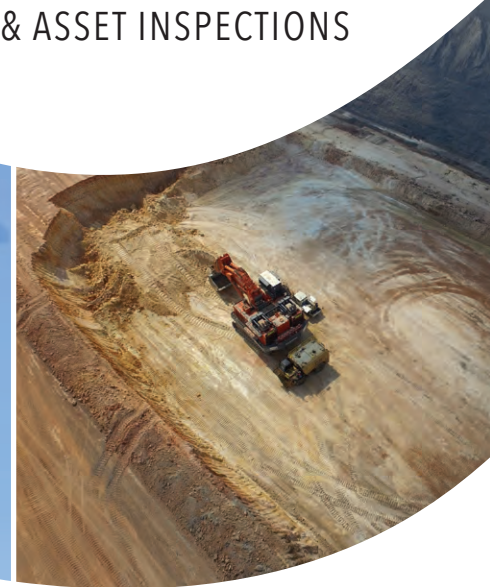


Exploration Management
UAV Services and Technology
Due Diligence and Technical Reviews
Project, Concept and Feasibility Studies
Environmental Planning and Approvals
Risk, Insurance and Safety Management
Infrastructure and Project Management
Operations Planning, Design and Scheduling
Resource Evaluation and Geological Modelling
Business Optimisation, Financial Modelling and Cost Reduction

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SAFETY, SURVEY, MAPPING,
3D MODELS, PROFESSIONAL VIDEO
SERVICES & ASSET INSPECTIONS



XENITH's experienced and highly motivated UAV pilots are using advanced technology and software to capture survey-accurate data and images for your site requirements. The team is CASA certified and operate under our ReOC (Remote Pilot Operators Certificate) utilising the latest PPK (Post Processing Kinetics) to achieve survey-level accuracy across mine sites, exploration areas, quarries and stockpiles.

The Xenith UAV team have utilised post processed aerial data across multiple sites, overcoming the variability of individual site datums and localisations, and have developed a formula to ensure fluent integration into any site.

The Xenith team will discuss and plan a UAV flight at your site, addressing your specific criteria and site layout. Considerations include: safe operational practices; data capture; type of outputs required; potential hazards and all safety considerations; finding the most efficient way to capture the specific data or images.

Whether its inspections, mapping, promotional images or a new idea that you would like to see realised, Xenith's UAV team will help plan and execute the job safely and efficiently.

Our services include (but are not limited to):

- Creating maps and orthophoto
- 3D Terrain models
- Survey
- End of month volumes
- Volume calculations
- Rehabilitation
- Pre/post disturbance images
- Pipeline and infrastructure inspection
- Photography and video services
- Remote/elevated access
- Asset inspections
- Quarry/mining
- Safety
- Inductions
- Thermographic hot-spot inspection
- Internal inspections (Boiler)
- Agricultural inspections and drainage
- Vegetation identification

- Road and rail
- Environmental monitoring

Outputs

- Mp4 (video)
- JPG /RAW format (photography)
- GeoTIFF
- LAS
- DXF
- Point Cloud
- DEM (Digital Elevation Model)
- Orthomosaic

Video Production

- Safety
- Training
- Inductions
- Promotional
- Website
- Presentations



BRISBANE | SYDNEY | HUNTER VALLEY

www.xenith.com.au