



# Aerial Inspection Services

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*"Reduce risk with a more  
productive, timely and cost  
effective aerial inspection  
service"*

## Inspection Services

# About Us

Altitude Imaging has been providing a comprehensive commercial drone service specialising in the provision of aerial photography, video, survey and inspection solutions for a range of industries since 2012.

Based in Perth, Altitude Imaging is one of Australia's most experienced certified commercial drone operations companies with a track record of successful projects across city, urban and remote country locations.

Altitude Imaging is fully certified and insured, the company holds CASA ReOC 0669 and our pilots all hold CASA Remote Pilots Licenses.

## Inspection Services

Altitude Imaging provides valuable high quality inspection data in a fraction of the time and cost of conventional visual inspection methods in the most difficult working environments.

Our professional drones eliminate hazards associated with personnel working at height and in confined spaces.

Images are recorded and video transmitted live to the ground so your site team can interact with our flight crew in real time to focus inspection efforts.

We deliver quality inspection services with results that are clearly differentiated in the marketplace. Our inspection deliverables are comprehensive, consistent and repeatable.

Altitude Imaging operates inspection drones equipped with professional imaging sensors and software delivering a tailored data solution for every application.

*"Using professional equipment, operated by highly skilled and experienced pilots, we provide safe, efficient and cost effective inspection solutions in the most demanding environments."*

## Features and Benefits

- ✓ Completely eliminate man riding crane, scaffolding, cherry picker and rigging issues to quickly access your tall structures, large infrastructure works and complex engineering projects.
- ✓ We regularly inspect above, beside, underneath and inside assets, structures and buildings.
- ✓ Our equipment options allow us to deploy upward or downward looking sensors with up to 42MP resolution.
- ✓ Fast service deployment by road, commercial airlines or offshore helicopters. Two person crew and airline compatible equipment cases.
- ✓ Flexibility to adapt and operate in a fast moving site environment.
- ✓ Perfect for operations in remote and inaccessible areas.
- ✓ We can generally undertake inspections without disrupting site operations.
- ✓ Inspection deliverables includes GPS data to identify asset locations.
- ✓ Thermal Imaging Services to capture 640 resolution radiometric inspection data
- ✓ Can be combined with our Tethered Drone Service to provide unlimited flight time.

*"Ideal for general asset inspection, post-incident inspection, pre-shutdown evaluation or during process flow events to monitor asset integrity and operation."*

# Applications



## Utilities Power, Water, Gas

- Overhead power lines, towers and poles.
- Power distribution networks and transformers.
- Pipelines.
- Dam walls and structures.
- Wind Turbines.



## Telecommunications Towers

- Towers or monopoles
- Antennas
- Line of sight verification.
- Telecommunications tower site selection.
- Upgrade planning.
- Thermal inspection of antenna and power terminations.



## Industrial, Mining Oil and Gas

- Pre-shutdown surveys
- Towers, structures, process plants.
- Internal and external tanks and vessels
- Pipelines
- Live flare towers and tips
- Conveyors and loaders
- Onshore and offshore



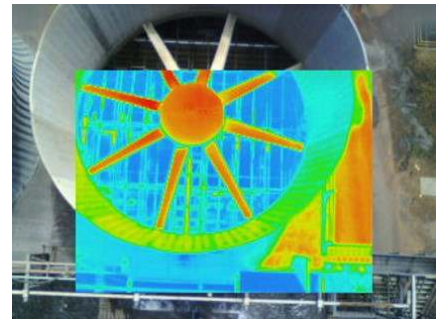
## Buildings and Roofs

- Inspect buildings without the need for EWP's and working at heights issues.
- Roofing and gutters.
- Facades.
- Walls.
- Dilapidation surveys.
- Storm damage and insurance assessment.
- View assessments.



## Road and Rail Transport Infrastructure

- Road and pavement condition assessment.
- Rail tracks and ballast.
- Electric railway overhead infrastructure.
- Jetty and wharf Inspections.
- Container loading equipment.
- Bridges and viaducts.
- Culverts.



## Thermal Imaging

- Full 640 resolution FLIR Radiometric cameras combined with 20.8 to 42MP colour cameras.
- Towers, pipelines, flare stacks, structures, process plants.
- Onshore and offshore.
- Moisture detection.
- PV Solar panels and farms.

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# Versatile Inspection Drones



- We operate professional inspection drones including:-
  - DJI Matrice M210
  - DJI Inspire 2
  - Freefly Alta (heavy payloads and sensors)
- GPS, PPK and RTK positioning options on all drones.
- Our inspection drones carry cameras on fully stabilized precision gimbals in three configurations: -
  - Single downward camera
  - Single upward camera
  - Dual downward cameras
- Our professional standard camera options include: -
- Live, constant and interactive control of all cameras.
  - 20.8 to 42MP Still and 4k Video Cameras
  - Multiple lens options including Zoom
  - 640 resolution FLIR radiometric Thermal Camera
  - Gas Detection Sensors
- Constant live stream to ground monitors with secure recording.
- Custom payloads including laser measurement systems.



*"Altitude Imaging has been providing professional aerial drone services since 2012. We are Certified, Accredited and Approved to national and international standards."*

## Want To Know More

Call Us: 08 92407313  
Email Us: [info@altitude-imaging.com](mailto:info@altitude-imaging.com)  
Website: [www.altitude-imaging.com](http://www.altitude-imaging.com)  
Drop By: Unit 17, 23 Gibberd Road,  
Balcatta WA 6021



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