



Aerial Surveying

Veris offers a comprehensive range of aerial surveying technologies supported by spatial expertise to deliver projects of all sizes for our clients.



We specialise in high accuracy, high-resolution aerial surveying to deliver georeferenced orthometric imagery, dense 3D point clouds and digital terrain models. All products are spatially accurate and suitable for site visualisation, engineering design, volumetric computations and environmental analysis.

Through the use of Unmanned Aerial Vehicles (UAV's), we offer the latest technology and efficient, responsive solutions regardless of the geographical location or terrain. This provides our clients with a cost effective aerial surveying solution, particularly where safety or cultural sensitivities mean access to the site is limited.

Our national network offers clients access to Australia's leading Aerial Surveying talent while providing personal service and local expertise.

Our Aerial surveying capabilities include:

- UAV's (Drones): FixedWing and Multi-rotor systems
- Georeferenced ortho-rectified imagery
- Dense 3D point clouds and digital terrain models for accurate surface definition
- Multispectral imagery including thermal and near-infrared imaging

Veris has aerial surveying solutions that will provide any project and client with access to the most precise spatial information needed to make critical decisions.

DEVELOP WITH _____ CONFIDENCE™

Veris have unparalleled experience working in collaboration with clients to deliver successful project outcomes. Below is a recent example demonstrating the skills and experience of our team.

Client: Department of Environment Regulation and Wastestream Management

Location: Postans/ Kwinana

Project Description: Wastestream Management operates a landfill which imports, sorts and stockpiles waste. The imported fill volume is reported to the Department of Environment Regulation. UAV Photogrammetric Survey was undertaken for the purpose of periodic stockpile monitoring and volume calculations over a 45 hectare area.

Outcome / Benefit: The UAV captures images over a site with no disturbance to production and operation. The advantage over conventional ground survey is in the reduction of risk and field time by one third. The resulting data set is rich and detailed allowing the accurate and timely calculation of the volume of imported fill which supports more efficient auditing and analysis.

Veris Aerial Surveying services can support clients on;

- Exploration
- Resource evaluation
- Feasibility studies & route selection
- Engineering design & construction
- Mine planning, metrics, monitoring and closure
- Stockpile surveys & volume computations
- Environment monitoring
- Flooding modelling
- Natural resource assessment



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