

PHOTOMAPPING
An ISGroup Company

CAPABILITY STATEMENT





PHOTOMAPPING

Photomapping Services Pty Ltd (Photomapping) is a wholly Australian owned, privately held company specialising in geospatial services. Photomapping specialises in aerial survey services providing precise three-dimensional topographical data over a variety of landforms covering the vast coastlines, forests, tropical and temperate grasslands and deserts. Photomapping also surveys regional towns and highly dense city environments of Australia.

Photomapping captures data using specialist fixed wing aircraft. The data is used in a wide range of applications by a diverse selection of clients including government (State and Local), defence and private industry. End uses of the data captured includes land use resourcing and planning, defence, transport, flood management, mining and resource extraction, telecommunications, and power transmission.

Established in 1979, Photomapping is Australia's oldest fully owned aerial survey company. Often regarded by industry insiders as the 'Grandfather' of aerial survey and mapping in Australia, Photomapping has been a pioneering force in the field for decades.

The **ISGroup** purchased Photomapping in April 2024, providing its clients with an enhanced capability of fixed wing aerial survey that supports its existing service offerings.

CORE COMPETENCIES

AERIAL SURVEYS

Utilising advanced, efficient fixed-wing technology and high-resolution imaging to capture detailed aerial data.

LIDAR MAPPING

Providing accurate 3D models and topographic maps to aid in geological assessments and site planning.

ORTHOPHOTO CREATION

Generating high-resolution, georeferenced images for detailed site analysis and monitoring.

VOLUME CALCULATIONS

Delivering precise measurements for stockpile volumes, excavation volumes, and material assessments.

ENVIRONMENTAL MONITORING

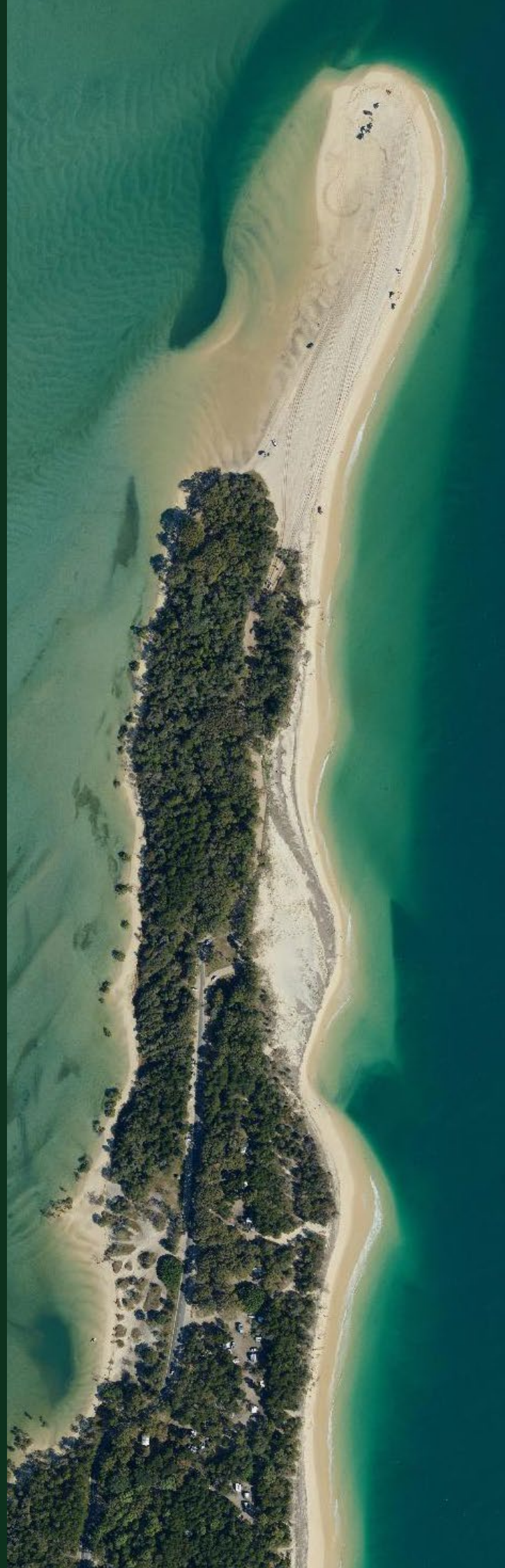
Conducting environmental impact assessments and monitoring for compliance with regulatory standards.

REGULAR INSPECTION

Mine infrastructure, such as tailings dams, haul roads, and equipment for maintenance and safety compliance.

POWERLINES SPECIFIC SURVEY

Visual inspection of powerline components such as insulators, conductors, and towers. Detection of vegetation growth and other obstacles that could interfere with powerlines. Network mapping and clearance assessment.



ADVANTAGES

ACCESS TO THE LATEST TECHNOLOGY

We employ the latest technology on our projects. For LiDAR projects we operate the latest Leica TerrainMapper LiDAR sensor. For Digital Imagery projects we operate a suite of Leica DMC4 and ADS digital imagery sensors.

EXPERIENCE

Photomapping has been providing aerial mapping services to the Australian market since 1979. This experience is complimented with friendly, experienced and dedicated staff, who work with our clients to achieve successful outcomes to project requirements.

RESOURCES

Photomapping partners with the region's best to ensure quality products are achieved for our customers. Southern Airlines operates a specialised fleet of aerial survey aircraft that are dedicated to Photomapping's operations. They fully maintain their fleet providing confidence of availability and ensuring reliability of resources for Photomapping projects.

UNDERSTANDING

Photomapping understands spatial data, this understanding is essential when integrating the different data types, we collect for your work packages. Photomapping will work with your project team to understand the project needs

for supply and their applications for your unique application and business.

CUSTOMER FOCUSED

Photomapping believes in its mission statement of being recognised as our customers preferred supplier. We achieve this by ensuring that our business is customer and outcomes focused, through being a trusted, professional, sustainable and transparent supplier. We are committed to providing high quality and innovative services using the latest advances in technology and methodology.

SAFETY AND QUALITY

Photomapping are fully committed to policies of safety and continuous improvement and have a Management System complying with the requirements of ISO 9001:2015 QMS and ISO 45001:2018 OHSMS. Photomapping's aviation provider is BARS accredited for fixed wing operations.

ENVIRONMENT

Photomapping values our environment and as a responsible business we completely comply with the requirements of our policies. Photomapping has an environmental management system that is accredited to ISO 14001:2015.



PAST PERFORMANCE

The following table is a list of recently completed projects.

NAME	BRIEF DESCRIPTION	LOCATION	CLIENT
LiDAR & Imagery for Southern QLD Region	Capture and processing of 8ppsm LiDAR and 10cm RGBNir imagery over several road sections. RMSE vertical accuracy of 0.047m on control. Product delivered was DEM, DSM, contours and image mosaics.	Goondiwindi Queensland	Dept of Transport & Main Roads (Queensland)
LiDAR & Imagery for Anglo Rehabilitation sites	Capture and processing of 16ppsm LiDAR & 8cm RGBNir imagery over Anglo's Queensland Operations for determination of rehabilitation metrics for environmental compliance. Product delivered was classified point clouds, DEM, DSM and images.	Central Queensland	Anglo American
LiDAR for Scenic Rim	Capture and processing of 8ppsm LiDAR over Scenic Rim LGA. Product delivered was classified point clouds, DEM, DSM, contours and intensity images.	Beaudesert, Queensland	Dept of Resources (Queensland)
LiDAR for Private Powerline Network	Capture and processing of +30ppsm LiDAR and imagery over Anglo's Queensland private powerline network for compliance management. Product delivered was point clouds and images.	Central Queensland	Gridvision
LiDAR for River Murray, South Australia 2024	Capture and processing of 8ppsm LiDAR over entire River Murray section in South Australia. Product delivered was classified point clouds, DEM, DSM and simultaneous images.	South Australia	Dept of Environment & Water (South Australia)
Imagery for Rehabilitation over Roy Hill	Capture of 10cm RGBNir imagery over the Roy Hill mine site and rail line for determination of rehabilitation metrics for environmental compliance. Product delivered was images in variety of formats	Pilbara, Western Australia	Ecoda
LiDAR for Humula and Mangoplah	Capture and processing of 4ppsm LiDAR and 15cm RGBNir imagery over Mangoplah and Humula. Product delivered was Point Cloud and image mosaic.	Wagga Wagga, New South Wales	City of Wagga Wagga



CASE STUDIES

The following Case Study was created by Spatial Services NSW. Photomapping is the Vendor referenced in the Case Study.

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photomapping.com.au | info@photomapping.com.au

1800 958 570



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