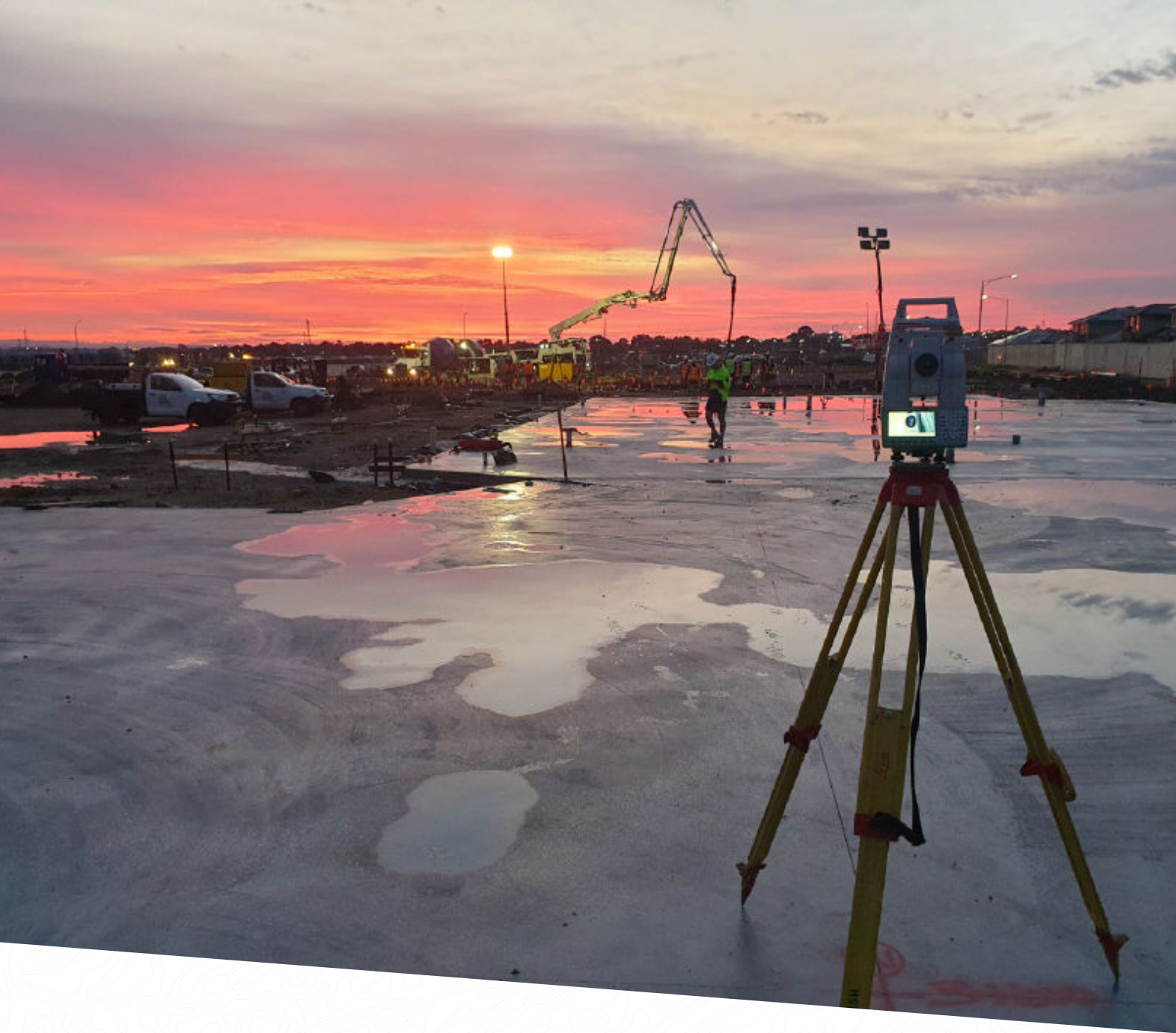




Woolpert

Surveying & Spatial Capability Statement

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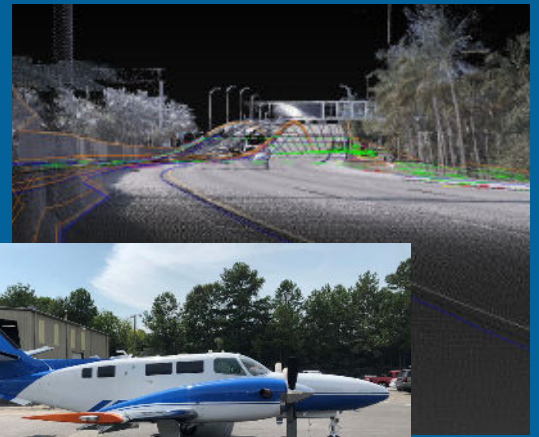
Company Overview:

Woolpert's geospatial solutions support informed decision making.

For over 60 years, Woolpert has provided leading edge surveying, geospatial and mapping solutions to our clients across the Asia-Pacific region. Our unique combination of people, technologies and process coupled with our deep market knowledge enable our clients to better monitor, manage and plan our world.

Our geospatial solutions provide the critical insights to support smarter, more informed decisions.

Woolpert Geospatial Solutions – Measuring our World, Mapping our Future



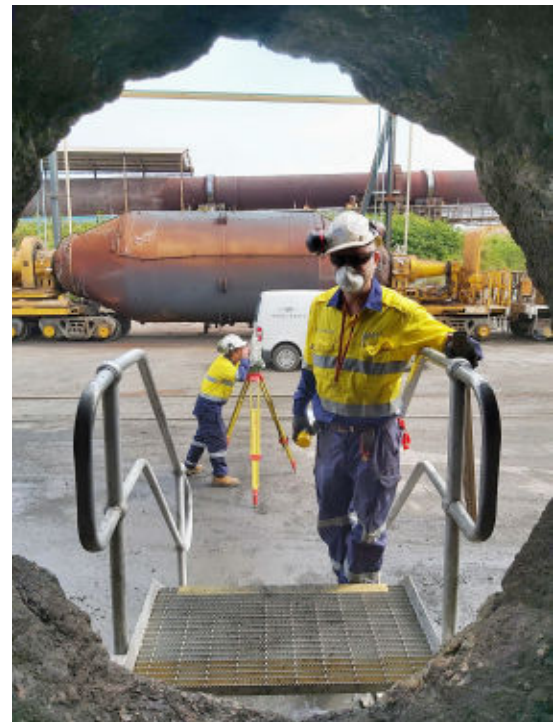
Our expertise

Woolpert has a proven history in providing survey services that enable delivery of major projects.

With more than 60 years of experience providing consultancy survey services in the Asia-Pacific region, we are a trusted advisor to government agencies, the construction industry, heavy industry, the resources sector, and land and property developers.

We deliver solutions including:

- Cadastral title definition
- Construction surveying
- Dilapidation surveying
- Precise engineering surveying
- Structure monitoring programs
- High definition surveying



Our experts

- Registered & Licensed Surveyors
- Hydrographic Surveyors
- GIS Specialists & Consultants
- Pilots (including including RPAS/UAV) & Sensor Operators
- Project Managers
- Industry experienced Account Managers
- Software Engineers & Developers



How we make a difference

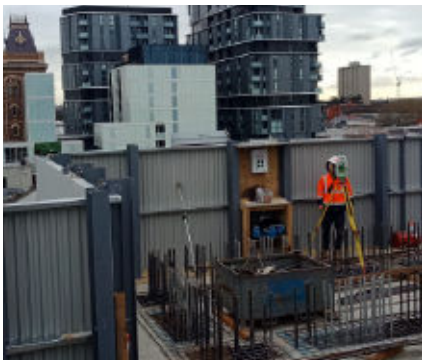
Our projects benefit from the guidance of leading geodesy experts in construction control networks across Australia. We offer comprehensive site control through the implementation of advanced spatial control networks, ensuring the highest level of precision and accuracy in every project we undertake:



Engineering Survey

An experienced team, first-class equipment, quality processes, and rapid data delivery means our client always gets the best results from their engineering surveys. The geospatial data we capture helps you identify where your assets require attention and assist you in maintaining their performance.

Save time and money with efficient, high precision data delivery.



Construction Survey

Whether you need to understand the exact location and physical condition of a current asset, or you're designing and constructing a new one, accurate and timely information will help you determine costs, minimise risk and plan accordingly. Our construction survey services include as-built drawings and all aspects of precise set out for construction from piling, in-ground service location and placement, and basement footings, to positioning of all structural elements and retention walls.



Condition & Monitoring Surveys

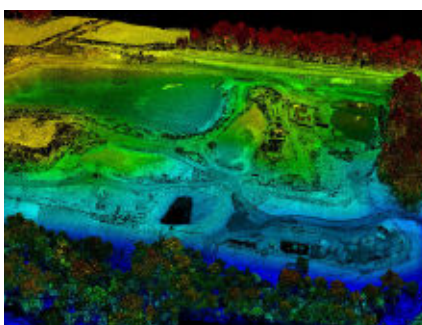
Monitoring surveys lead to proactive management and maintenance of your assets. Dilapidation surveys comprehensively assess the condition of roads, buildings or other structures, identifying any defects or potential hazards. High quality and accurate data insights can help you identify potential maintenance problems and mitigate their effects before they occur. This proactive approach can lead to long-term cost savings and increased life of the asset.



Cadastral Survey

Woolpert Cadastral Consultants specialise in maximising property development through their expertise in land boundaries. They offer services such as navigating council planning requirements, expediting sub-division approvals, and assisting with title registration.

The accurate data capture and maintenance of the cadastre is crucial for the success of the property market and is a top priority for our licensed surveyors.



Topographical Survey

Our 3D modelling technology uses point cloud data to evaluate existing structures and plan for future development. It's faster, more effective than traditional methods and resolves potential issues before implementations. Remotely piloted vehicles (drones), terrestrial and mobile laser scanning capture information in hard-to-reach or hazardous areas, providing a safe, cost-effective solution for time-sensitive, high-traffic, or complex environments.

Markets we serve



Mining & energy



Energy transition



Utilities



Infrastructure



Building (AEC)



Government

Mining & energy: mining, oil and gas, processing

Energy transition: wind & solar farms, rooftop solar, hydroelectric

Utilities: pipelines, powerlines, communication networks

Infrastructure: road, passenger rail, heavy haul

Building (AEC): arenas, property development, low and high-rise construction

Government: urban planning, heritage protection, water resources

Case study: Sunshine Coast Airport Terminal Expansion Survey

Sunshine Coast Airport is an Australian airport located near Brisbane that serves as a gateway to holiday destinations with direct flights to various cities in Australia and Auckland. The airport is undergoing expansion to double its capacity and includes construction of a new runway, terminal expansion, and a new air traffic control tower.

Woolpert was commissioned to provide a Feature and Level Survey, 3D Laser Scan, and Building Information Model for the airport, working with Rede Project Consulting. The survey required careful planning, flexibility, and cooperation to minimise impact on airport operations, and was conducted using various surveying equipment and methodologies. The captured data was integrated with existing masterplan data, processed to create accurate LOD300 models, and aligned to the MGA2020 coordinate system.



Testimonials

As the Sunshine Coast region continues to grow, our airport expansion was designed to meet the needs of the community and support the region's economic growth.

Critical to the airport expansion design was highly accurate and reliable spatial data, provided by Woolpert.

Senior Project Manager
Rede Project Consulting



Thank you for the extraordinary effort in bringing the rail project across the line on time. Your team and dedication to the project has been recognised across our organisation and we would like to keep strengthening our business relationship with Woolpert in future projects.

Civil Engineer
Civil engineering & construction company



Our clients



EnergyCo



Planning,
Industry &
Environment

RioTinto