



# Capability Statement



# About Intrax

**Intrax Land is an innovative engineering and surveying practice that through a holistic approach delivers outstanding projects in the built environment and across the industry.**

We offer a full range of engineering and surveying services that together bring positive and valuable contributions to both our clients and communities.

We operate nationwide. With 11 offices across the country, over 450 consultants, engineers, surveyors and designers, which produce innovative projects across east coast, SA and WA with an appetite for excellence.

Established in 2003 with a strong set of values, our encouragement for independent thinking and accountability shapes a unique collaborative culture where best ideas flourish.

This is revealed in all we do. Our teams thrive to exceed clients' expectations from beginning to practical completion of any project.



## Innovative thinking

Generating demonstrable economic and strategic value by solving a range of technical and organisational problems with fresh ideas.

## Reliable partner

The Intrax team strive to develop genuine value for clients, above and beyond expectations.

## Engineering excellence

Realising the vision of our clients by going beyond the conventional and redefining what is possible.

## Versatile solutions

We create solutions which deliver on our clients' needs with a tailored and personal approach which is never generic.

# Competence

We consult with our clients, understanding their objectives and requirements, and then develop flexible, scalable and innovative solutions which pre-empt future needs and maximise project value.



## Multi-disciplinary

Intrax is a multi-disciplinary engineering business. Our teams share office space, sitting close to each other to promote cross-disciplinary competence and understanding. Through this approach our dedicated project leaders can ensure coordinated, optimised design and service delivery.



## Delivery

Service delivery lies at the heart of our engineering services. Respect for project commitments; we deliver an on time, fast and reliable engineering solution providing customers with an informed, centralised point of contact and work with you to innovate on cost conscious and time favourable designs.



## Creating value through effective risk management

We develop alternatives and actions to enhance opportunities and decrease threats to project goals.

# Performance

Deploying multidisciplinary teams to provide holistic solutions, share insights, and putting diverse skillsets into action.



## Project Handling Capability

From providing design services for small buildings to conducting complex geotechnical and engineering projects for a diverse range of clients across the country, we have proved adept at achieving the right result independently of the challenge.



## Technology

Businesses are being challenged by digital technologies to rethink how they operate, compete, and ultimately design the built environment. We realise our clients' ambitions, combining high-level technology and innovative thinking to redefine what is possible.

- 3D Modelling & BIM: We maximise BIM (building information modelling) capabilities to collect and transform all data efficiently and deliver bespoke designs.
- 3D Lidar Scans: We are capable of designing spaces using 3D LIDAR scans of the existing core and shell space and for the creation of topological maps in land surveying.
- UAV: Capable of high-resolution 3D aerial map and survey, visual or thermal asset inspections or volume analyses.



## Project Management

We understand our clients' needs for timely service and superior engineering design solutions. As a result, Intrax provides a true end-to-end engineering service that enables us to coordinate all the engineering disciplines for a project, reducing work time for the whole project team.

# The Intrax Way



## Our why

We come to work because we are excited to inspire our project partners to create a sustainable future of infrastructure and the built environment, for Australian communities.



## Communication

Intrax takes a holistic, end-to-end ecosystem approach to extend meaningful interactions across all channels on a given project by creating and embedding lasting customer experience capabilities in our project teams.



## Customer Experience

Our industry thrives when everyone on a project team enjoys their experience of working together. So experience-based differentiation is our point of focus. This focus on experience means we produce a positive contribution designing and delivering real and sustainable results.

# Values Driven, People **Oriented**

The Intrax Land team comprises over 450 highly competent consultants, engineers, surveyors and designers that work holistically under the same philosophy. When working together our level of achievement compounds to deliver a service to our clients that is second to none.

## **Performance**

We deliver. With streamlined processes, we elevate and challenge KPIs, engaging in every task with efficiency and vigour.

## **Leadership**

We see ourselves as industry leaders. We nurture knowledge and project it outwards, cultivating intelligence at

## **Innovation**

We are solution-hunters. Constantly searching for alternative, cost effective, efficient and longstanding methods to benefit our clients and transcend the industry.

## **Respect**

Respect is integral. We foster an internal culture within our people, clients and suppliers. This intrinsic respect is founded on the celebration of diversity, and its projected outwards

## **Understanding**

We embed ourselves in our clients' world. Not as a showy mantelpiece adornment, but for genuine perspective. We are on our client's side and strive for mutual success. We are customer driven,



# Our Locations

With 11 offices across the country we have a strong presence in the east coast.







# Surveying



Harnessing the power of modern technology  
to bring you reliable surveying solutions

## **Informed Choices, Supported by Reliable Surveying**

Project decisions on Telecommunication sites in remote areas must be based on profound levels of knowledge and understanding. To support this, we provide a full and thorough surveying service, combining analytic and experienced based solutions.

## Experience Enhanced by Technology and Cross Pollination with Geotech Engineers

We are able to mobilise survey teams in remote locations with the latest GNSS technology in conjunction with RTX which provides real time results. We can experience real mobility without the constraints of a local base station or VRS network.

Our surveyors have had sufficient training to perform DCP tests under supervision and instruction of geotechnical engineers. This has enabled Intrax to pass these mobilization cost savings onto our clients.

## The Utmost Precision in a Remarkable Time Frame

Our full service, end-to-end focus means that our clients can depend on Intrax as we deliver a complete and accurate package in reliable time frames. A combination of speed, accuracy, innovation and professionalism has led to us becoming known as one of the most respected Telecommunication surveying solution providers in Australia.

## Expertise

- Lease Survey
- Plan of Survey Information
- Easement Surveys for Power
- Licence/Identification surveys on Crown Lands
- Roof top Surveys
- Detail Surveys
- Registered and Licensed Surveyors
- Government Title Registration
- Site Access Surveys

# Geotechnical



## Holistic Approach to Geotechnical Engineering Challenges

### Expert geotechnical engineering consultation

Where there is an ambitious project, where there are complex ground conditions, where only innovative solutions will make the grade, Intrax come through to achieve success. This success is secured through a combination of the preparation, the design and the implementation of ground engineering techniques.

## Managing Ground Risk

Intrax works only with the latest and most superior technology in the field, and supports this with sophisticated software solutions back at the office. This facilitates a highly precise and reliable service, delivered using state of the art geotechnical analysis techniques.

This helps us to minimise risk, all but eliminating wasted time and money through better planning, design, and construction.

## NATA accredited Laboratory

All our facilities, methods and practices are NATA accredited, guaranteeing compliance with the highest standards of the industry.

Intrax Laboratories Victoria produces entirely independent NATA-accredited materials testing across a wide range of laboratory services for earthwork and civil engineering projects. We provide most of the AS1289 services.



## Expertise

- DCP tests
- SPT tests
- Bore Holes and Test Pits
- Rock Coring
- Identify Construction Issues
- Site Classifications based on methods in AS2870
- Salinity and Acid sulphate assessments
- Observations of ground water table
- Contamination testing
- Laboratory Testing
- Geotechnical Reporting





Project  
**Gallery**



Nullica Hill – Nullica State Forest, Eden, South Coast, NSW

Client: Visionstream  
Project: Critical Communication



Neville – State Forest  
Pennsylvania, Central

Client: Visionstream  
Project: Critical Communication



Isabella – State Forest Burruga,  
Central Tablelands, NSW

Client: Visionstream  
Project: Critical Communication





**Bombala – State Forest Mila,  
Snowy Monaro Region, NSW**

Client: Visionstream  
Project: Critical Communication



**Narrawa – Upper Lachlan  
Shire, Western NSW**

Client: Visionstream  
Project: Critical Communication



**Mount Mary – Gurrundah, Upper  
Lachlan Shire, Western NSW**

Client: Visionstream  
Project: Critical Communication



**Quarry View – White Cliffs – Central Darling Shire, North Western NSW**

Client: Visionstream  
Project: Critical Communication



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