



Inspire. Grow. Create.



Driven by **purpose**, guided by **vision**.

The commitment to our clients is to provide innovative end to end engineering and consulting solutions while inspiring them and our employees to grow, create and lead the built environment across Australia.

Barry Borzillo

Barry Borzillo
CEO/MD Intrax Consulting Group



About Intrax

Intrax is a national, multi-discipline professional services firm providing optimised, on-time services across multiple market sectors that contribute positively to clients and communities.

We provide our services to the volume housing, medium density, apartment, commercial, industrial, insurance, infrastructure, education and government sectors.

We offer a full range of engineering and field services that include: Geotechnical, Survey, Structural, Civil, Building Services engineering and Forensic/Remedial.

Established in 2003 as a values led business, our 300+ Australian team members operate from every mainland state and are supported by our 200+ employees in China, Indonesia and Vietnam.

Our values of **performance, respect, innovation, leadership** and understanding drive our employees' behaviour and also serves as our committed way of working with our clients.

Our four divisions collaborate seamlessly, combining expertise across engineering, surveying and geotechnical services to deliver innovative solutions.

2003

Established

500+

Team of experts

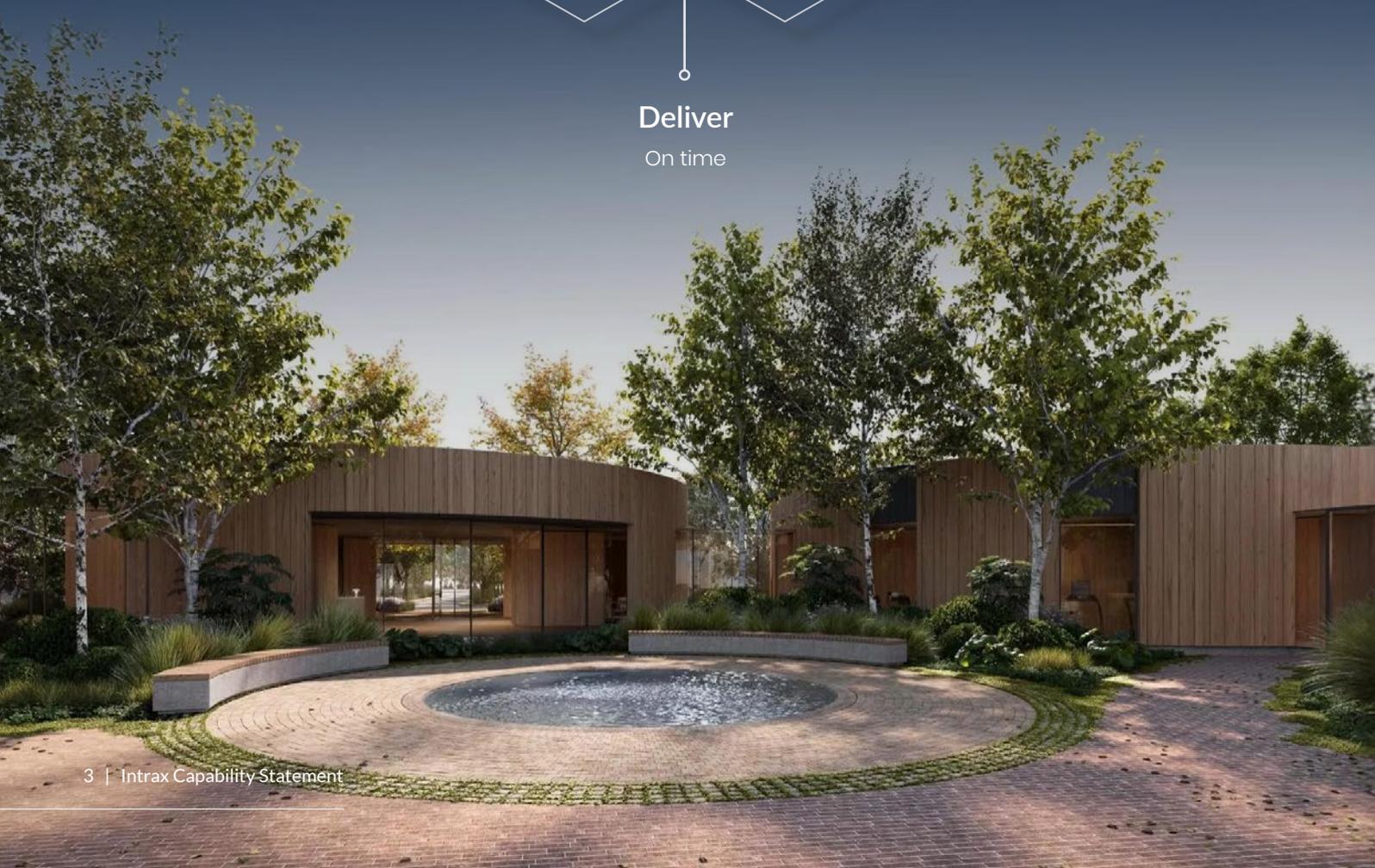
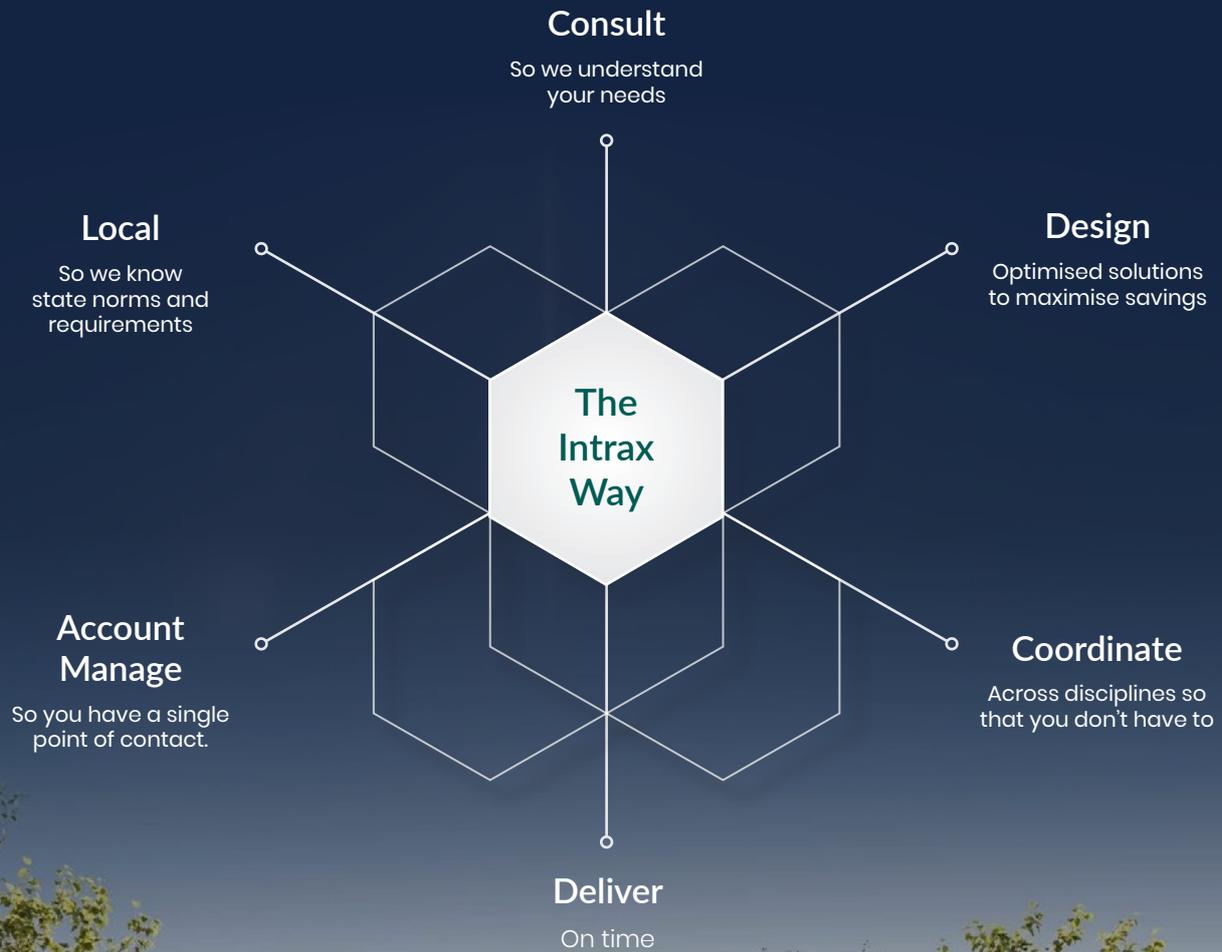
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Offices nationwide



The Intrax Way

We consult with our clients, understanding their objectives and requirements, and then develop **cost effective and timely solutions** to maximise project value.



Our Culture

We are a values-driven organisation that fosters an environment encouraging collaboration, continuous learning and visionary thinking.

This empowers our people to push boundaries, lead with purpose and create innovative solutions.

By inspiring growth and cultivating a culture of creativity, we drive success for our clients and communities.





Innovation

Continuously push the boundaries of consulting by integrating cutting-edge technology into our workflows. Our commitment to innovation drives efficiency, accuracy and smarter solutions across the built environment.

Automation

We are leading the industry in automation and the use of AI in order to deliver superior quality, optimised and faster solutions to our clients.

3D Laser Scan

High-precision 3D laser scanning allows us to capture detailed site data for improved design accuracy. This technology enhances site assessments, reduces errors and ensures seamless integration with engineering workflows.

Drones

Drones are used for surveys and inspections, providing accurate site data with minimal disruption. Their ability to capture high-resolution imagery and topographical details improves efficiency, safety, and decision-making in engineering projects.

Building Information Modeling (BIM)

BIM enables smarter collaboration and coordination across project teams. By integrating structural designs within a digital model, we improve accuracy, reduce clashes and streamline construction processes.

Our forward-thinking approach enables us to solve complex technical and organisational challenges with fresh, practical solutions that drive progress and efficiency.

Quality Certifications

Intrax is dedicated to upholding the highest standards of quality, ensuring our engineering and consulting services deliver consistent, innovative and cost-effective solutions for our clients. Our rigorous quality practices drive excellence, safety and continuous improvement across all projects.

ISO Certified

ISO 9001:2015 certified, ensuring quality and compliance across all services, with a **Quality Assurance system** that drives continuous improvement and cost-effective solutions.



ISO 45001:2018 certified, emphasising safety and risk management, supported by a **strong safety culture and Wellbeing management system** that ensures compliance and continuous enhancement through audits, consultation, and evaluation.



ISO 14001:2015 certified, demonstrating our commitment to environmental responsibility and sustainability. This certification is underpinned by a robust Environmental Management System (EMS) that enables us to systematically manage and reduce our environmental impact.



Our EMS supports:

- › Compliance with environmental regulations and global best practices
- › Continuous improvement in sustainability performance
- › Proactive management of environmental risks and opportunities
- › Alignment with our values of Performance, Leadership, Innovation, Respect and Understanding

Together with our ISO 9001 Quality Management System and ISO 45001 Safety Management System, ISO 14001 forms part of an integrated management framework that ensures our services are safe, sustainable and high-quality, strengthening trust with clients and stakeholders.

NATA accredited Laboratory

Our facilities, methods and practices are NATA accredited, guaranteeing compliance with the highest industry standards. Intrax Laboratory in 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.

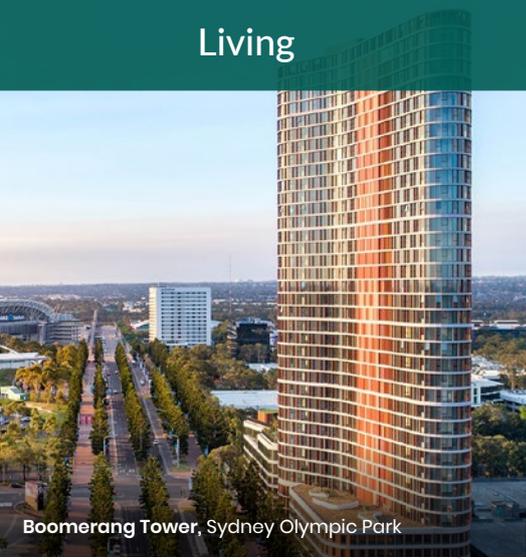


Our commitment to quality and safety drives our industry leadership, ensuring reliable, innovative and compliant engineering solutions.

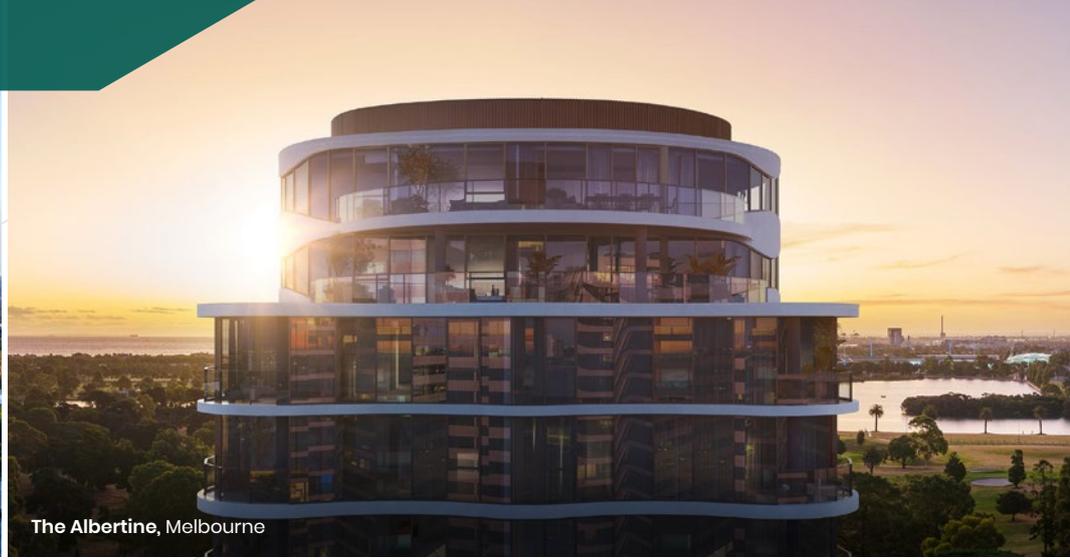
Sectors

With extensive experience across a diverse range of sectors, our team consistently delivers **innovative solutions** tailored to meet the unique demands of each industry.

Living

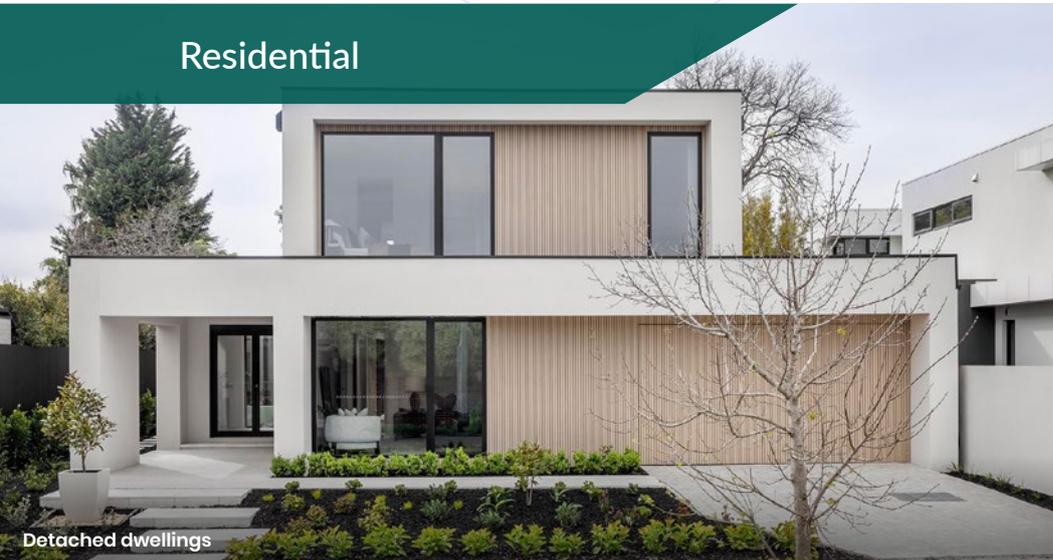


Boomerang Tower, Sydney Olympic Park



The Albertine, Melbourne

Residential

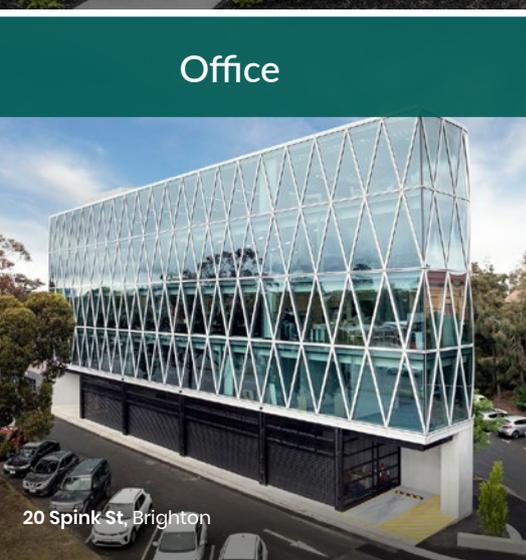


Detached dwellings



Multi unit and townhouse development

Office



20 Spink St, Brighton



100 Mount St, North Sydney

Retail



Oran Park Hotel, Oran Park



Penny Lane, Moonee Ponds

Public



Sandringham Library, Sandringham



Lane Cove Sports and Recreation Centre, Lane Cove

Industrial



Alcoa, Portland



Paramount Boulevard, Cranbourne West

Education



Ryde Secondary College, Ryde



Padua College Coolock Centre, Morningside

Healthcare



Hornsby Ku-Ring-Gai Hospital Refurbishment, Hornsby



Alfred Infectious Diseases, Melbourne

Utilities and Energy



Altona Terminal Substation, Altona



Alcoa, Heywood to Portland Transmission upgrade

Land Development



Bentley on Riggs, Evanston Park



Hindmarsh Estate, Murray Bridge

Environmental



Rock fall analysis, Newcastle



Landslide Risk Assessment, Mornington Victoria

A nationwide presence



- International Locations

China
Jiangsu Province

Indonesia
Kepulauan Riau

Vietnam
Ho Chi Minh City





Inspire builder and designers to confidently create more innovative and affordable homes for Australian families.

Intrax Housing specialises in delivering innovative, end to end engineering solutions for the housing sector across Australia. Our competitive edge lies in a multidisciplinary approach, where our team integrates expertise across soils, survey and engineering disciplines to deliver optimised solutions that stand the test of time. Collaborating closely, our structural engineers, civil engineers, surveyor and geotechnical specialists ensure every project benefits from our vast Australian-wide experience, delivering quality, cost-effective solutions in industry-leading time frames.

We leverage advanced technologies, including the most extensive soils database in the market, automated design software and drone surveys, to improve quality and delivery times. Certified under ISO 9001:2015, our systems guarantee quality, cost-effective designs and timely outcomes for every project. With a strong national footprint, we respond rapidly, providing consistent, expert services to volume builders and homeowners across urban centers and remote Australian locales.

Sectors

- › Volume Housing
- › Custom Housing
- › Medium Density Housing
- › Modular/Relocatable Housing
- › NDIS & Social Housing

Housing Services

Structural & Civil Engineering

- › Footing and Slab designs for A, S, M, H1, H2 & E Sites
- › Master designs
- › Bracing
- › Frame designs
- › Retaining walls
- › Civil stormwater design

Site Investigations

- › Soil testing
- › Site classification reports
- › A, S, M, H1, H2 & E classification based on AS2870
- › Bushfire attack Level assessment
- › Lab testing of soils

Surveying

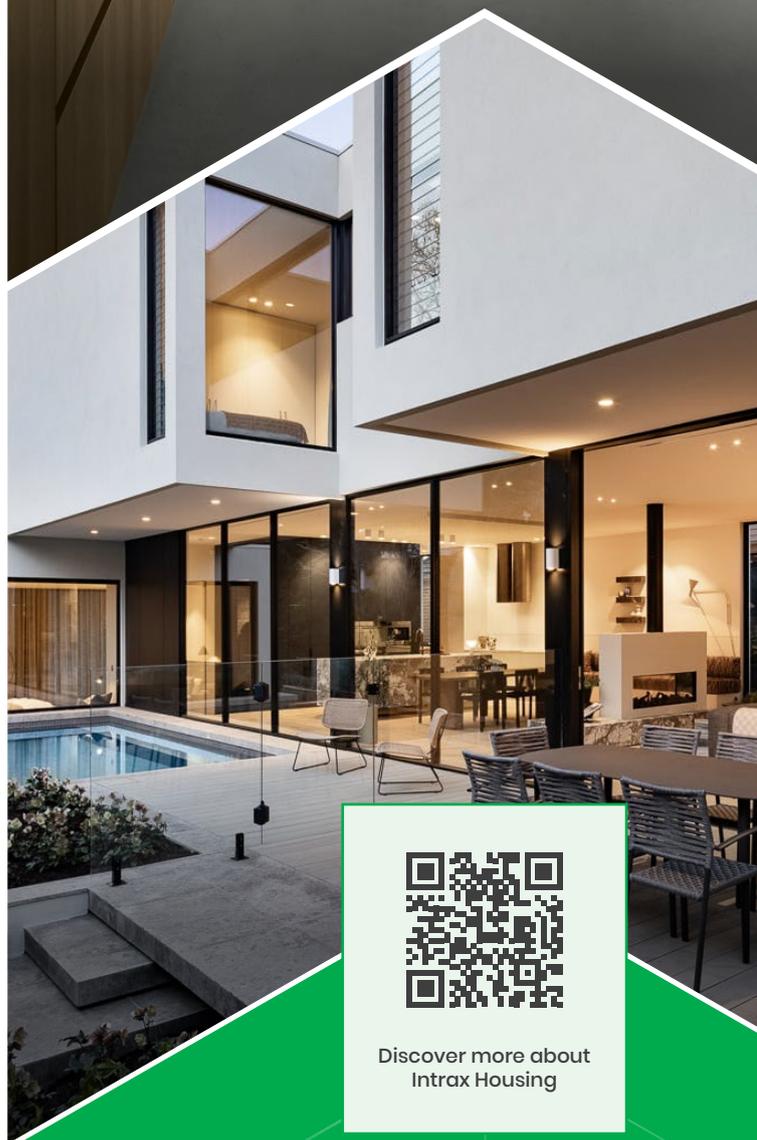
- › Cadastral surveys
- › Subdivisions
- › Housing
- › Engineering
- › Asset recording
- › Scanning and drone
- › Land development

Property Service Information

- › Title search
- › Land information
- › Bushfire attack Level reports (BAL)
- › Point of discharge
- › Planning controls information
- › Water certificates

Energy Rating

- › Accredited 6-star rating
- › NCC energy assessments
- › Verification method
- › Deemed to satisfy (DTS)
- › Detached dwellings
- › Townhouses



Discover more about
Intrax Housing



Inspire our project partners to create a sustainable infrastructure and built environment future for Australian communities.

Intrax Projects Division delivers consulting engineering services for private and public projects, integrating expertise across structural, civil, building services and sustainability engineering to provide timely, cost effective, coordinated solutions. Our competitive edge lies in our multidisciplinary approach, where the Intrax Projects team collaborates seamlessly across engineering disciplines to deliver value to our clients. This approach, together with providing a single point of contact, saves our clients time, by minimising the need for external coordination.

We leverage our Land Division for surveying and geotechnical services and our Forensic Division for building investigations and rectification, ensuring a holistic service offering. To guarantee a coordinated approach, we appoint a single point of contact and use an integrated Building Information Model (BIM) shared with the design team, fostering seamless collaboration and precision throughout the project lifecycle.

Sectors

- › **Living** - Medium and high-rise residential apartments, hotels, built-to-rent properties, aged care and senior living, student accommodation.
- › **Office** - Base building, fitouts, upgrades, electrification
- › **Education** - Early learning, primary, secondary, tertiary, independent schools, universities, special needs
- › **Retail** - Shopping centres, standalone stores, major and specialty tenancy fitouts
- › **Public** - Community centres, sports facilities, libraries, government buildings
- › **Industrial** - Storage, factories
- › **Healthcare** - Clinics, medical centres, day surgeries, hospitals

Building Services

Intrax Projects has a dedicated building services team that are experts in the design of the mechanical, electrical, hydraulic, fire protection and vertical transport systems that are key to the buildings operation.

Civil

Intrax Projects has a dedicated civil team that are experts in the design of stormwater systems and vehicle access that are key to ensuring the building remains accessible and operational throughout storm events now and into the future.

Structural

Intrax Projects has a dedicated structural engineering team that are experts in the design of the building structure which is the fundamental component for the building throughout daily use, storms and seismic events.

Sustainability

Intrax Projects has a dedicated environmentally sustainable design (ESD) team that are experts in the design and optimisation of building design, fabric and services to reduce the impact on our environment and improve occupant wellbeing.



Discover more about
Intrax Projects



We inspire our project partners to create a sustainable infrastructure and built environment future for Australian communities.

Intrax Land provides innovative engineering and surveying solutions for a number of sectors across the built environment in Australia. Our competitive edge stems from a multidisciplinary approach, enabling our team to collaborate seamlessly across engineering disciplines in order to deliver coordinated, cost-effective solutions. We provide a single point of contact and coordination, while our surveyors, geotechnical engineers, and civil engineers are trained to work with clients to deliver projects that are on time and cost-effective.

We employ cutting-edge technologies—such as GIS mapping, 3D laser scanning and advanced geotechnical analysis—to enhance the quality and cost-effectiveness of our work. Our NATA-accredited in-house laboratory provides comprehensive material testing, delivering reliable, timely data to support informed decision-making. With a robust national presence, we mobilise swiftly, offering consistent, expert solutions to clients in metropolitan hubs and the most remote regions of Australia.

Sectors

- › Residential
- › Commercial and High-Rise
- › Industrial
- › Utilities and Energy
- › Infrastructure / Civil / Marine
- › Landfill and Quarries
- › Public and Community
- › Defence
- › Land Development
- › Transport
- › Environment and Conservation
- › Recreational and Amusement

Geotechnical

- › Site classification
- › Salinity and acid sulphate soil assessments
- › Land capability assessments
- › Bushfire management statements
- › Slope stability / landslide hazard assessments
- › Pavement investigations / design / circly analysis
- › Rock coring
- › Tight access drilling
- › Seismic investigation / multichannel analysis of surface waves
- › NATA accredited Laboratory for reliable testing and data analysis

Surveying

- › Title re-establishment and identification survey
- › Feature and level surveys
- › Cadastral surveying consultancy
- › Engineering and construction survey
- › 3D laser scan
- › Aerial surveys
- › Licensed surveyors
- › Building and land subdivisions surveys
- › Construction surveying
- › Infrastructure and engineering surveys
- › Existing conditions surveying
- › Asset recording
- › Assets design as constructed (ADAC) survey and drafting

Civil

- › Conceptual stage planning
- › Lot yield / development planning
- › Supporting civil plans and documentation for planning applications
- › Civil construction plans and documentation
- › Construction administration



Discover more about
Intrax Land



To inspire confidence through expert independent forensic investigations, ensuring our stakeholders can make informed decisions to create a safer and resilient built environment.

Intrax Forensic provides expert forensic engineering and investigation services for stakeholders across Australia. Our competitive edge is rooted in a multidisciplinary approach, where our team collaborates across engineering disciplines to provide independent, evidence-based and timely solutions. By combining the skills of forensic engineers, structural specialists, and geotechnical experts, we ensure each investigation offers a comprehensive perspective, thorough analysis and actionable insights.

We excel in delivering clear, definitive outcomes, drawing on advanced methodologies and in-house expertise to address complex structural failures and building issues. With a nationwide presence, we offer consistent, reliable forensic services, supporting stakeholders—from insurers to asset owners—with expert guidance in urban and remote areas alike.

Sectors

- › Residential
- › Commercial and High-Rise
- › Industrial
- › Utilities and Energy
- › Infrastructure
- › Landfill and Quarries
- › Public and Community
- › Defence
- › Land Development
- › Transport
- › Marine
- › Environment and Conservation
- › Recreational and Amusement

Forensic engineering investigations and reporting

- › Independent assessment of structural failures and distressed buildings
- › Forensic site inspections to gather evidence and documentation
- › Reports on causation (e.g. building movement, water infiltration, earthquake damage) and scope of works (e.g. storm, vehicle, tree impact)

Causation and scope of works reports

- › Causation reports determining if an event caused the damage
- › Scope of works reports with rectification details, engineering design, specifications, and drawings.

Dilapidation reports

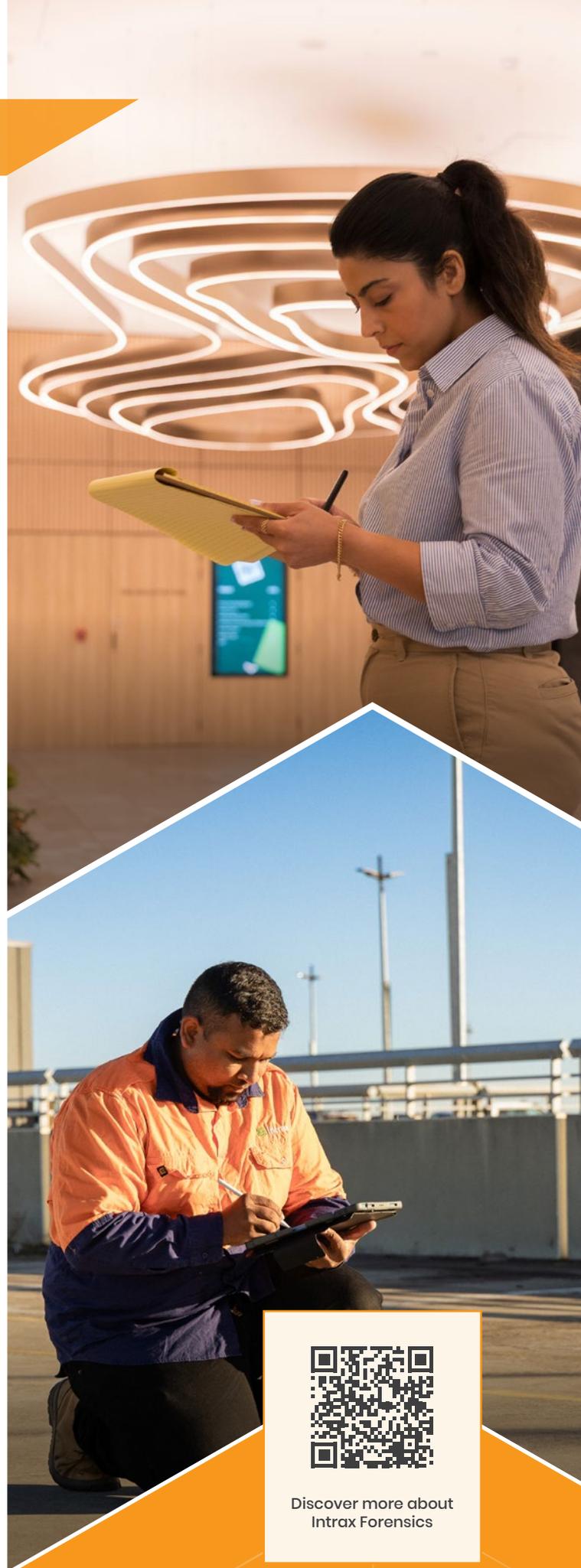
- › Detailed documentation of the pre-existing condition of buildings or structures before construction or other works, used to assess damage caused by events or developments.

Supplementary reports

- › Analysis of additional investigations and test results supporting causation findings.

Asset assessments

- › Support asset owners, asset and facility managers with damage assessments, remediation, risk analysis, planning strategic preventative maintenance and damage prevention.



Discover more about
Intrax Forensics



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Jiangsu Province

Indonesia

Kepulauan Riau

Cammo Industrial Park B No. 1&3,
Balo Permai, Kota Batam,
Kepulauan Riau

Vietnam

Ho Chi Minh City

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Binh Thanh District,
Ho Chi Minh City

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