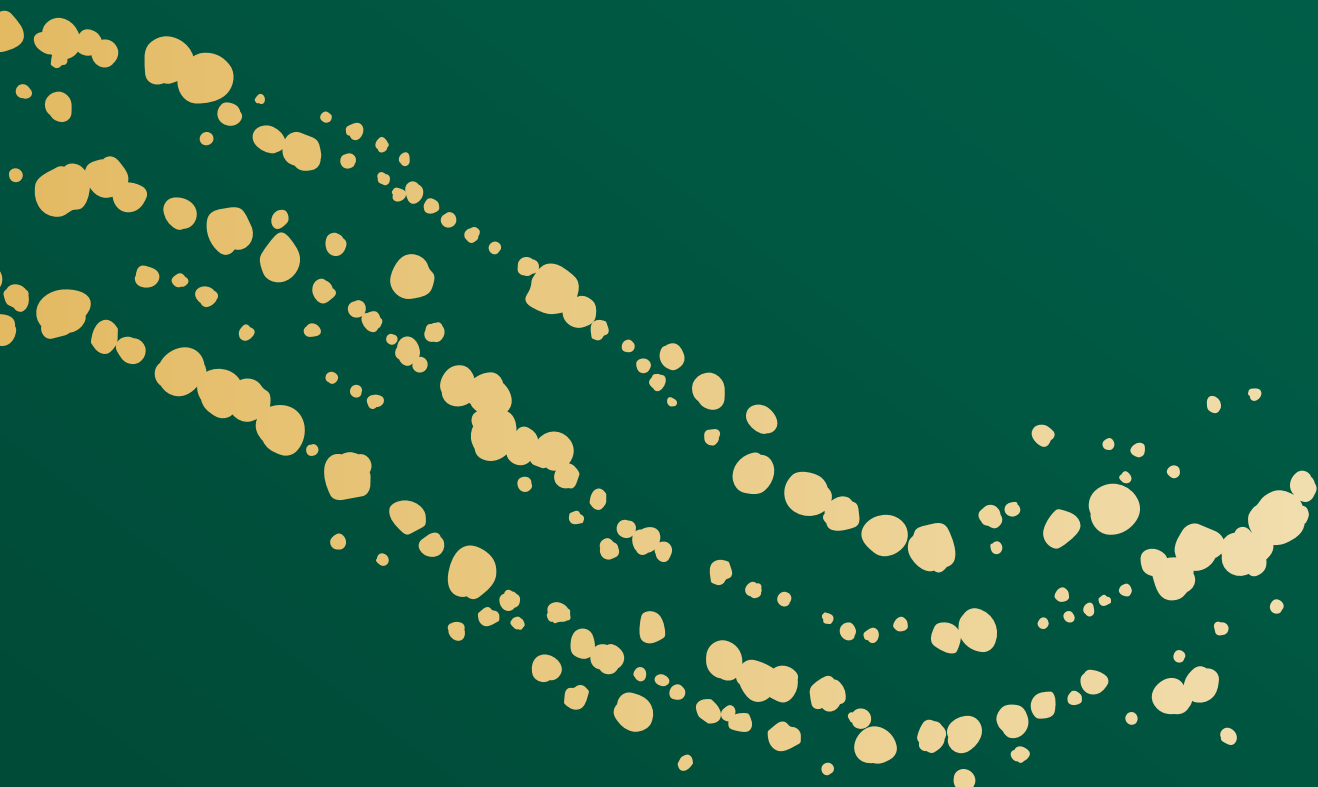




AUSTRALIA

Innotrans Australian Rail Directory

Delegation Companies



Visit us in Hall 10.1, Stand 200

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Welcome

Welcome to the Australian Rail Industry Delegation directory for InnoTrans 2022.

We are pleased to be attending InnoTrans with an impressive range of rail businesses from across Australia and New Zealand.

The businesses taking part in our delegation this year are at the forefront of delivering a significant pipeline of major rail projects currently underway or planned in Australia. I encourage you to take advantage of the opportunity to meet with them to discuss:

- The \$155 billion in rail investment planned in Australia over the next 15 years
- The rail industry's investment in new technology and innovation to help shape the future of rail
- The many opportunities for people and businesses with specialist skills to work in the Australian rail industry

The ARA will be hosting a range of networking events at the Australia stand, Hall 10.1, Stand 200, to help you connect with our delegation members. I encourage you to join us and look forward to seeing you at InnoTrans.



Caroline Wilkie
CEO

Australasian Rail Association

Networking events

Join our networking events in Hall 10.1, Stand 200



Australasian Railway Association

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COMPANY PROFILE

The Australasian Railway Association (ARA) is the peak body for the rail sector in Australia and New Zealand.

We advocate for almost 200 member organisations across the rail industry. Our members include every aspect of the rail industry, including:

- The passenger and freight operators that keep essential rail services moving
- The track owners, managers and contractors that deliver a safe and efficient rail infrastructure network
- The suppliers, manufacturers and consultants that drive innovation, productivity and efficiency in the rail industry

The ARA provides a comprehensive range of events and programs to support our members, and undertakes extensive research to support its advocacy on behalf of industry.

Become an ARA member to connect with Australian and New Zealand rail leaders and help shape the future of our industry today. For more information on how to become a member, go to www.ara.net.au



Victorian Government

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COMPANY PROFILE

The Victorian Government is investing in the biggest infrastructure pipeline in our state's history, which has created 165,000 new local jobs since 2014. We're transforming our state and strengthening our economy across transport, health, technology, education, and advanced manufacturing, making Victoria one of the world's premier destinations for growth and innovation.

With billions committed for transport infrastructure and rolling stock manufacturing and upgrades over the next ten years, Victoria is the perfect place for businesses to invest for the long term.

Building infrastructure for the future is a critical part of Victoria's economic recovery. Our city-shaping projects like the Suburban Rail Loop, the Metro Tunnel, level crossing removals, and Melbourne Airport Rail are not just transport investments, they will change how Victorians live, work, and play.

To keep the world's largest tram network servicing our growing city, we're investing in 100 Next Generation Trams, new infrastructure and progressing tram line and stop upgrades. We're also upgrading every regional rail line and building new freeways, bypasses, and bridges to improve how people travel across Victoria.

Managing Victoria's growth – while maintaining its world-renowned standards of liveability – is a key priority for the state.

Future rolling stock planning and development is now underway, offering opportunities for suppliers to be

involved in major train and tram projects – and to partner with the best in Australia's rolling stock supply chain industry. Victoria has an integrated supply chain – including engineering, design and new technology development – and a vibrant and diverse transport technology sector.

Melbourne also has one of the highest rates of research collaborations in the world, with industry partnerships focused on developing and commercialising advanced manufacturing technologies.

The Victorian Government has the largest international trade and investment office network of any Australian state or territory. With 22 offices worldwide, our specialist team are in-market, active and connected. Visit global.vic.gov.au to start a conversation with our trade and investment representatives to learn more.

The Victorian Government provides comprehensive support for businesses including:

- connections to in-market opportunities
- facilitating in-market connections with buyers and business leaders
- supporting business matching activities at major conferences and events
- providing market intelligence and industry insights.

Over the coming decade Victoria will continue to lead the way as the one place in Australia where trains, trams, and buses are all built, providing significant opportunities for businesses and workers to participate in our advanced rolling stock manufacturing industry.

Victoria – the heart of Australian rolling stock manufacturing

We're investing billions to transform Victoria's transport system and support local jobs, with a pipeline of hundreds of new locally built trains, trams, and buses over the coming years.

Victoria is the home of rolling stock manufacturing in Australia, and the Victorian Government is committed to long-term investment in the industry as we continue to deliver better transport solutions for all Victorians.

BE PART OF OUR FUTURE

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inver.com.au



COMPANY PROFILE

Inver Engineering Pty Ltd (Inver) is an Australian owned business with over 30 years proven track record in servicing the Australian Rail Industry.

Inver has approximately 10,000 sqm of workshop space on nearly 20,000 sqm's of land and this existing facility includes designated Electric Motor, Gear Box, Wheelset and Bogie overhaul workshops with a Fabrication workshop containing NC Lathes, Machining Centres and Horizontal Borers creating a One Stop Shop for rollingstock component overhauls and repairs along with obsolescence management.

Headquartered in its Altona, Victoria office and factory complex, it has built its reputation for high quality, value for money products and services in Victoria, and has since been building upon its trusted reputation, increasing its existing activities.

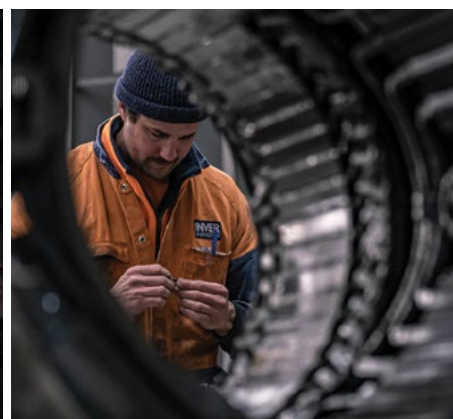
Invers' Vision is "To be a trusted partner of choice" and believes that satisfied customers and staff, and a solid financial base, are the key to a sustainable future.

Inver employs over 85 permanent and highly skilled staff, many of whom were recruited in the early days of the business, and an increasing number that have come through the company's comprehensive Apprentice Training Scheme. Skills span mechanical engineering design, production and installation, electrical engineering design, production and installation, systems and overhauls, machining, and fabrication. Project management, logistics, warehousing, and service provision ensure that its customers always have the care that they need to support their own operations and products.

Invers' Board has over 130 years' experience in the Rail Industry and has a comprehensive governance regime ensuring that its business is conducted to the highest standards expected by its customers, many of which are government entities, and by the various governing authorities

Australia's leading rail maintenance partner.

INVER
ENGINEERING



With over 30 years of experience, Inver Engineering is the Australian rail industry's trusted and preferred maintenance service provider. Inver has a proven reputation for high-quality, value-for-money products, services and unrivalled customer support. Inver's centralised and fully integrated one-stop-shop facility is tailored for freight and passenger rail components, refurbishment, repair, maintenance, overhauls and new build capabilities.

Three specialty rail maintenance and service divisions:

1. Wheel sets & bogies
2. Gearboxes
3. Traction motors

Responsive and accountable:

/ Private Australian owned
/ ISO 9001: 2015 certified
/ 80+ Skilled personnel
/ 20,000 M² facility

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JOHN HOLLAND

John Holland Pty Ltd

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COMPANY PROFILE

We're Australia and New Zealand's leading end-to-end integrated infrastructure, rail, multi-modal transport and building company.

Our diverse sector experience enables us to create innovative, enduring, and cost-effective solutions for our customers. Our people-first philosophy has put us at the front of the market and continues to attract the best talent. We're proud of the part we play in the Australia's economy. We contributed some \$12.5 billion to Australia's GDP between 2016 and 2020 and are set to do the same over the next four years.

Connecting Australasia.

We're the leading provider of end-to-end rail and transport solutions in Australia and New Zealand. From designing and constructing transport networks to operating them, we're transforming the way people travel and providing better connections across the country.

Every year, more than 300,000 passengers travel on our networks. Our long-standing experience in mass transport means we know how to put together the right solution - from start to finish. Focused on the future of transport, we innovate today for the best outcomes tomorrow. From digital engineering to digital asset management, to targeting zero-emission transport modes; we're in it for the long haul.



Learn about our capabilities

johnholland.com.au






Martinus

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COMPANY PROFILE

Martinus is a rail infrastructure principal contractor with extensive experience in complex medium to large greenfield and brownfield multi-disciplinary projects in Australia and New Zealand.

Armed with extensive civil and rail knowledge, project management skills and an understanding of the rail industry, stakeholders and future works pipeline. Martinus is a major player in all aspects of railway construction and maintenance.



LARGEST AUSTRALIAN RAILWAY CONTRACTOR

Providing full-service engineering solutions



1400+
Employees



16+ years
in the industry



Global
Operations



Martinus is an Australian owned, family operated company

martinus.com.au



Manufacturing · Logistics · Consultancy

Unipart Group Australia

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COMPANY PROFILE

Unipart Group Australia is a performance improvement partner to the Australian rail sector, and we are represented at Innotrans by Unipart Rail in Hall 6.2 and outside Hall 25.

Our solutions at Innotrans are all designed to improve operating performance, reduce cost, increase safety & address sustainability, covering digital, signalling, plant, rail vehicle, safety, asset management & infrastructure. Our partners know us to be expert in the services we provide, giving them the confidence to pursue their business objectives, while we support them with bespoke solutions.

As our solutions are drawn from a portfolio of skills, delivered by expert practitioners in their fields, we craft unique services that dovetail perfectly with your operations. And as we also have a strong set of principles that underpin our business, covering corporate responsibility, safety, employee engagement, and our unique Unipart Way, you can be confident that you are partnering with a business that has an ethical approach to serving the world's railways.

With a focus on our Condition Based Supply Chain, we will showcase some of our newest innovations at the show, for both Infrastructure and Traction & Rolling Stock.

Some of our customers didn't realise that they can improve their maintenance productivity until we worked with them to introduce changes that made them more effective and profitable.

Both trackside and vehicle maintenance can be optimised with our support. If you make a 10 minute appointment with our experts on our stand, then we will be able to show you how to make beneficial changes of your own.

Unipart Group Australia - your Performance Improvement Partner.

Your Performance Improvement Partner



We are helping our partners deliver a sustainable rail system for the future.

Working across all areas of the network, our teams help by:

- accelerating innovation
- increasing safety
- implementing digital solutions
- driving efficient supply chains
- supporting decarbonisation

Our stands will be showcasing technologies across Condition Monitoring, Signalling, Electrification, Rail Handling, and Track Worker Safety.

Unipart Rail and Unipart Group Australia can be found in Hall 6.2 stand 810 and outside between Halls 3 & 25 on stand 0/345

Expert - Efficient - Dependable.

www.unipartrail.com
www.unipart.com.au



Manufacturing · Logistics · Consultancy



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COMPANY PROFILE

Part of TXM Group, a global organisation providing high-level consultancy services, 2XM Consult are industry experts offering professional, dedicated and customer-focused solutions within the Rail, Transportation and Critical Infrastructure industries across Australia.

2XM Consult focusses on supporting clients' needs by ensuring greater resilience from technical, project, operations & maintenance and environmental & energy perspective, delivering this through the following core service offerings:

Strategic Advisory Services – providing commercial, operational, environmental and organizational advice for your organisation's future

Digital, Infrastructure & Systems Integration – providing whole System Integration across assets, systems, people and process

Engineering, Asset Management & Maintenance Services – changing ways of working from boardroom to on the ground delivery in line with ISO 55001

Turnkey Solutions – executing large-scale and multidisciplinary projects


Portfolio, Program and Project Management (P3M) – bespoke planning methodology from identification to decommissioning

2XM Consult's approach is to provide dynamic and flexible solutions to bring trusted advice, innovative solutions and digitally enabled decision making to clients, with a range of case studies across Government and supplier-based clients throughout Australia.



This dynamic and flexible approach includes working with clients to optimise subject matter expert and strategic advisory resources, utilising the latest technology for data-driven solutions, and use of 2XM Consult's sister company TXM Consult's global experience to advise and support clients on the best possible foundations.



4AI Systems

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COMPANY PROFILE

4AI Systems is a software engineering company focused on servicing the specialist artificial intelligence market for rail operational systems.

Established in 2020 as a subsidiary of 4Tel Pty. Ltd. Australia, our reach services the world market with original rail-specific artificial intelligence software and customised algorithms to provide enhanced operations for our customers.

Our technology simplifies the way in which our customers can operate in the rail environment. We deliver real-time artificially intelligent vision systems to improve the situational awareness of network personnel and optimise network performance.

By combining the best of smart sensor technology with machine learning and deep learning models, we provide a comprehensive AI that assists rail operators in making better operational decisions across their entire rail network.

Our vision systems include both static and moving applications, including:


- An advanced driver advisory system (ADAS) and in-cab AI assistant that provides real-time alerts and object detection and classification through a client-customised interface and a SensorBar™ fitted to the front of the locomotive.
- A corridor intrusion detection system that detects intrusions based on proximity to rail danger zones and disseminate intrusion alarms to key personnel including drivers, security, train operators and other authorised staff.

All our AI systems include a combination of selectively picked sensors and hardware technology to best meet the operating needs of an operator's network.







4Tel

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COMPANY PROFILE

4Tel is a software engineering firm that provides a comprehensive range of specialist digital solutions to the rail and transport industry across Australia and internationally to improve the operational efficiency of network operations.

Our industry specialisation includes the design and construction of computer-based control and monitoring solutions to digitise analogue railway systems, including:

- A computer-based Track Warrant solution that supports the use of voice/paper warrants, electronic warrants via a tablet display, automatic train protection (ATP), and optional formal Safety Integrity Level (SIL).
- Internet-of-Things technology for remote mobile asset tracking and performance across large metropolitan and regional networks.
- Multi-mode passenger information solutions collating real-time tracking data with trackside telemetry to accurately display available real-time information on transport running services.
- Development of transport network management solutions, operations, and maintenance support.
- A worksite protection system for track workers replacing analog voice communications with secure electronic data transfer via permit-to-work mobile application.
- A timetable planning system for the management and development of service timetables and planned track maintenance activities.

We are an industry innovator and incorporate emerging digital technologies into our solutions to create customised software for both large government agencies and private operators. Furthermore, all our systems have been proven in use across Australia.

As a provider with over 20 years proven experience, we leverage our industry expertise to deliver complete end-to-end solutions from strategic consulting to finished products.

In a competitive environment, 4Tel has proven products to deliver innovative solutions for any transport network.



ABB Australia Pty Ltd

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COMPANY PROFILE

Rail is being rediscovered as a sustainable and energy-efficient form of transport. We understand the importance and implications of running these railway networks. We provide complete solutions that protect the infrastructure, and meet the expectations of users and transport stakeholders for all key applications. These include infrastructure, passenger stations, control and signalling units, tunnels and rolling stock.

ABB offers a comprehensive range of high-performance products for use in the demanding “onboard” railway and commercial vehicles business. Our products and solutions include best-in-class traction technology for new vehicle design and retrofit.

Individual components

- Traction converters
- Energy storage systems
- Auxiliary converters (onboard power supplies)
- Battery chargers

Highly integrated traction chain systems

- Complete traction chain including traction converters, traction motors, traction alternator, energy storage systems and other components.

Every train needs a unique motor or generator for its purpose. ABB holds a complete and flexible traction motor and generator portfolio that allows us to build the perfect solution for train operators – regardless of train type, power range or geographical location.

For decades, ABB has supplied fixed railway installations with a range of technologies to deliver power to the line and to the supporting infrastructure. Our offerings assist assets owners, engineering firms, consultants, general contractors and EPCs in designing, building and operating reliable, cost efficient, environmentally friendly and sustainable systems and solutions for AC railway and DC traction power supply applications.

Furthermore, working worldwide with leading vehicle manufacturers and transport operators, ABB offers a broad range of low- and medium-voltage solutions, for rolling stock to suit each of your applications and increase the efficiency of your equipment.



Alstom

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COMPANY PROFILE

Alstom is the leading provider of railway technology, systems and services to the Australian Railway Market.

Alstom has been providing sustainable infrastructure solutions in Australia for more than 100 years and currently employs 1,750 people across more than 25 sites that include engineering centers, manufacturing facilities, project delivery offices and maintenance depots & workshops.

Alstom is committed to supporting the Australian & New Zealand railway markets through the application of the latest innovative and proven technologies that are designed to provide an optimal whole of life cost for our customers while delivering a seamless and superior passenger experience.

Alstom is the only end-to-end local manufacturer of Rollingstock in Australia with two major industrial sites of its own in Dandenong and Ballarat in Victoria and now also operating out of the new METRONET manufacturing facility in Perth, Western Australia.

Alstom has supplied rolling stock in Queensland (Tram & Suburban), New South Wales (Trams & Metro), Victoria (Trams, Suburban, Regional), South Australia (Trams, Suburban, Regional), and Western Australia (Suburban, Regional).

Alstom's Services operations maintain more than 2,100 rail cars (including trams) under long-term maintenance contracts right across the country, delivering the highest fleet availability and reliability performance of any rail fleet in the country.

Alstom's signaling technology is present on all major rail networks throughout the country, covering more than 1,500 km's of track that includes Australia's first fully automated driverless CBTC technology for the Sydney Metro and the Melbourne Metro Tunnel projects. Alstom is currently delivering the Digital Systems contract across the Sydney suburban network and continues to support the department of Transport in Victoria with ongoing interlocking upgrades as part of the level crossing removal program. In Western Australia, Alstom are a major player in freight and mining sector with ongoing contracts with BHP and FMG.

AUSRAIL

AusRAIL + AusRAIL PLUS Secretariat

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COMPANY PROFILE

Joining the ARA stand in InnoTrans 2022 is our secretariat team for AusRAIL 2022 Brisbane (5-7 December 2022), and AusRAIL PLUS 2023 Sydney (14-16 Nov 2023).

Find Thomas Howden, our AusRAIL industry liaison to talk about planning, partnership or exhibition for either of these upcoming events.







Australian Rail Technology



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COMPANY PROFILE

ART specialises in bespoke solutions for Rollingstock, OHW and Signalling. We provide electronic and electrical products – engineered to deliver high-value outcomes and competitive advantage for our customers.

ART distinguishes itself from others by partnering with Customers at all levels. Our International Partners work with us to deliver the right solution at the right time and cost. Our efficient Engineering and Project Management Team enable us to provide the right solution – and support it throughout its operating life. Examples of our work include:

- **High Voltage DC Isolators.** ART switch isolators have been installed across Australian networks since the mid-1980s and have a proven track record. ART manufactures different styles of High current DC isolators up to 3,000A for heavy rail, metro, tram and light rail vehicles. The range of switches includes 2 and 3 position isolators. ART also supply the complete range of overhead line fittings for rail and tramway infrastructure systems.
- **Pantograph Condition Monitoring.** ART and its partners have produced the Pantograph Condition Monitoring System (PCMS), providing support to network operators in locating and reporting defective pantographs and forecasting carbon strip wear rates and maintenance. ART support a range of Condition Monitoring technologies for Rolling Stock and Infrastructure applications.
- **Vigilance Systems and Event Recorders.** ART have the capability to develop bespoke Vigilance Systems to meet your requirements, service and test existing Vigilance units and components.
- **Drivers Desks and control panels.** ART provides solutions to clients' custom requirements within the Drivers cabin, in particular solutions for the drivers' desk and console. ART has proven innovation in back lit switch panels and enhanced ergonomic designs of drivers' desks using LED technology.
- **Further solutions include;**
 - Station passenger information systems – LED, LCD & TFT
 - AC DC inverters
 - Substation rectifiers and components
 - Catenary systems
 - Rigid rail and low clearance electrification for tunnels and under bridges
 - OHW electrification and substation components
 - Terminated tunnel and signalling cables
 - Metro and Suburban low maintenance
 - Cantilever Systems
 - Safety Critical Fasteners
 - AC/DC Primary and secondary power distribution assemblies
 - Relay subracks and panels
 - Highly ruggedised electronics
 - Advanced auxiliary power units and energy conversion technologies
 - Smart contactors
 - Wiring integrated assemblies
- **Module Remote Isolation System (MRI).** ART Manufacturers and supplies modular remote isolation systems for OHW. ART's SIL certified MRI ensures safety in operation allowing access for maintenance and emergencies. Existing 25kV and 1500V DC systems are retrofittable with ART Module Remote Isolation Components. ART leads in this technology, developed in Australia, with experience across multiple networks in major cities.



Brefni

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COMPANY PROFILE

Established in 1995 and backed by over 25 years of industry experience, and an exceptional service and performance model, Brefni revolutionises the delivery of sustainable, civil infrastructure in the rail, civil and power sectors.

Dedicated to looking “beyond the scope”, Brefni has a trusted reputation for meticulously dissecting client needs to deliver smarter, sharper solutions.

Specialising in complex projects, Brefni has a unique appetite for challenging works. Always looking for the solutions in the challenges and the capabilities within the complexities, Brefni has a proven track record of getting the job done, adding value every step of the way.

Poised for agility with a pragmatic, self-delivery model, Brefni offers a comprehensive, total solution that ensures the smooth delivery of technical, multi-disciplined projects. Praised for its effectiveness and efficiency, this in-house model consistently increases value and cost effectiveness while decreasing client risks.

With a vast workforce of over 100 skilled operatives and a growing fleet of plant and equipment, Brefni are equipped to swiftly mobilise resources across all project areas including design, engineering, planning, project management, subcontractor management and construction.

A true ‘one stop shop’, Brefni’s onsite capabilities include excavation, demolition, earthworks, form work reinforcement, concreting and steel works.

Brefni’s competitive edge and standard of excellence have been paramount in forging and maintaining strong client relationships. With a focus on strengthening relationships with stakeholders and staff alike, Brefni are dedicated to delivering the best for people by inspiring the best in people.

As a trusted provider, Brefni has completed over 750 projects, with the honor of contributing to some of Sydney’s most prominent infrastructure projects including Sydney Central Station and the Sydney Harbour Bridge.

Centre for Advanced Transport Engineering & Research (C.A.T.E.R)

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COMPANY PROFILE

C.A.T.E.R develops cost-effective rail inspection systems refined by a long experience in train borne, road-rail and portable carriers. We provide quality engineering in the rail industry focused on predictive maintenance, condition monitoring, flaw trending, and an extensive range of rail specific instrumentation products.

The company embraces developing tailored solutions in response to our customers' needs. We are focused on expanding our market internationally with a global view for the provision of Rail Inspection Systems.

More than 25 year providing reliable rail flaw detection systems, bespoke engineering, support and services to the railway industry.

A proudly Australian ISO 9001 Quality Assured Company.

C.A.T.E.R Technology: We offer a range of Rail Flaw Detection; Video Identification; Surface Condition; Post Processing Software & Analysis Systems and hand operated measurement tools. We also offer services: Rail Audit, Systems Engineering, Training and Contract Rail Testing.

Some of our Projects: Ultrasonic systems for: MTR Hong Kong, TFL (London Underground), Qatar Rail - Doha Metro, Vale S.A. - Brazil, AREX – Air Express Line and Sinseol Line in South Korea, Guadalajara Metro - Mexico, Riyadh Metro - Saudi Arabia, BHP – Australia, JR East/ NSG - Japan.



Deakin University

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COMPANY PROFILE

Deakin University is a multi-award winning, internationally recognised university. With a history of being innovative and cutting edge, Deakin University offers excellent facilities, exceptional teaching and flexible learning to 60,000 students, whether on campus or online. Deakin University is ranked in the top 1% of universities globally by the Academic Ranking of World Universities 2018. This rating indicates world-class facilities, research and teaching, as well as employability, innovation and inclusiveness.

In 2020, Deakin was ranked in the top 1% of universities for global research impact according to Time Higher Education (THE) Impact Rankings 2021.


Deakin University has an outstanding track record of translating research and development into new products, services and businesses that are taking Australian innovation to the world – creating new jobs and solving emerging challenges. Commercialisation of outputs from our R&D programs will be a key outcome sought from our partnership with Deakin University. Amongst ANZ universities and publicly funded research organisations, Deakin is ranked #1 in spinout equity value, off the back of recent commercialisation successes.

Deakin Transport and Mobility brings together research leaders and passionate innovators in Rail Accessibility and Inclusion, Rail Digital Systems, Energy, Advanced Manufacturing and Light Weight Structures.




Downer Group

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COMPANY PROFILE

Downer is the leading provider of integrated services in Australia and New Zealand.

Downer has more than 100 years' rail experience providing end-to-end, innovative transport solutions. We are the largest passenger rollingstock asset manager in Australia, with expertise in delivering whole-of-life asset management support.

Our capability allows us to offer turnkey solutions for complex projects and spans every project phase, from design and manufacture to through-life-support, condition monitoring and data analytics, to fleet maintenance, operations and comprehensive overhaul of assets. By leveraging our in-house capabilities within Downer and Keolis Downer, we are the only player in the market with capabilities in rollingstock, infrastructure, rail systems, operation and maintenance, and system integration. We set industry best practice with forward looking technology solutions to deliver safe, comfortable and reliable services.



Egis Oceania Pty Ltd

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COMPANY PROFILE

Egis is an international player active in the consulting, construction engineering and mobility service sectors. With 16,000 staff and globally ranked in the top tier of transportation consultancies, we leverage more than 50 years experience in the delivery of complex rail programs. As prime advisor to public authorities or private customers, we cover the entire lifecycle of transit projects, from strategic business case to various design stages and construction supervision, and asset management and operations.

Egis began building its reputation in metro and light rail projects in the 1970s and expanded into conventional and high-speed rail from the 1990s. We have been involved in the delivery of more than 40 metro lines in cities such as Paris, Dubai, Doha, Riyadh, Kolkata, Chennai, Singapore, Bangkok, Lyon, Marseille and Barcelona.

We are quality-certified to the Australian/New Zealand Standard ISO9001 Quality Management Systems and ISO45001 Occupational Health and Safety Management System.



Fordyno Pty Ltd



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COMPANY PROFILE

Fordyno is an innovative engineering, design and additive manufacturing company servicing the transport sector from our office in Sydney Australia with satellite operations in Melbourne and Beijing.

Our services include engineering, industrial design, 3D printing and project management for transport and related industries. With our focus on innovation and new technology, Fordyno has delivered iconic international rolling stock design and engineered the world-first carbon-fibre composite light-rail vehicle. We continue to innovate with our own lightweight transport solutions under our LEAF trademark.

We are showcasing our LEAF: Bogie at InnoTrans2022 - a revolutionary bogie design that delivers impressive weight savings, lower energy and traction demand, and an extended life compared to a conventional steel frame bogie.

Come and visit us at our stand 355 in Hall 20



Frazer-Nash Consultancy (A KBR company)

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COMPANY PROFILE

Frazer-Nash is a leading systems, engineering and technology company that uses our skills and talents to ensure a sustainable future for society. And we focus on actions to reduce climate change; supporting rapid and far-reaching transformations in the delivery of energy, security, industry, and transport.

With over 1000 employees, we work from a network of nine UK and four Australian locations. Our people apply their expertise to develop, enhance and protect our clients' critical assets, systems and processes.

We understand railway operations, the underlying engineering, and how this affects your network performance. Frazer-Nash has served the rail industry across Australia and the UK for over two decades. Our rail engineers are renowned for the clarity they bring to your projects and operations, delivering knowledge and techniques that cut your project risk and improve performance.

Frazer-Nash combines its capabilities with Kellogg Brown & Root's (KBR) Infrastructure Services Australia business – offering innovative transport solutions that combine the demands of today with the needs of tomorrow to help build and connect communities in urban and remote locations. KBR is committed to helping customers get people to where they need to go faster and safer through the planning, design and delivery of rail, road, bridge and maritime infrastructure.

Together, KBR and Frazer-Nash with its over 30,000 employees across the globe support our customers to deliver safe, reliable and efficient rail networks including associated track, structures, systems and associated facilities and infrastructure. We apply a holistic approach to transport solutions, and enhance not only commuter experience but help shape city-wide transformation by integrating transport into community spaces to bring people together and preserve existing culture, heritage and history.

We are leaders in sustainability innovation, achieving many Australian-firsts such as receiving the highest rating ever awarded by Infrastructure Sustainability Council (ISC).



GM Rail

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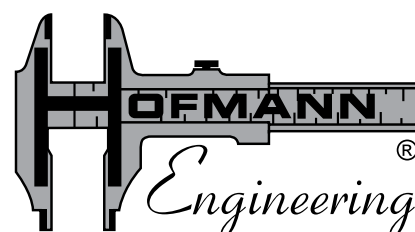
COMPANY PROFILE

GM Rail was founded in 2014 with its initial project being part of BHP's "Longer Trains" project in Western Australia. Since then GM Rail has continued its relationship with BHP whilst also working for clients such as Fortescue, Rio Tinto, CPB, Downer, Port of Brisbane, Bluescope, Sydney Metro and NSW Ports.

Since its inception GM Rail has been a trusted voice to provide technically sound engineering and project management for many of Australia's Major Rail Projects.

Due to the personal service and willingness to give back to the rail industry, GM Rail has found itself also working for universities both in the education of future Rail Professionals but also to assist in undertaking ongoing research in the field of railways.

No matter what you do in Railways, have a conversation with the GM Rail team. We will always lead to good conversation!



Hoffmann Engineering

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COMPANY PROFILE

Hofmann Engineering Pty Ltd was established in 1969 as a family business by John P and Erich F Hofmann. It has grown, developed and diversified to become one of Australia's foremost manufacturers of specialist engineering equipment.

The Hofmann Group of Companies operate from sites in Australia, Chile, Peru, China, India, South Africa and North America.

Engineering Excellence, innovation, quality and sustainability are the corner stones of the Hofmann business philosophy.

Key capabilities encompass high end design, product improvement manufacture, repair, refurbishment, on-site and emergency services of mining and industrial equipment, gearing for heavy and light industries, precision engineering products, valves, manufactured railway products, special purpose tooling, specialist production line and processing equipment and tooling.

The Hofmann group has extensive capabilities incorporating leading technology. A clear example is welding alloy steels in heavy formed sections and machining of large-diameter high precision gearing. Another example is the improved engineering of key mineral processing and heavy haulage railway equipment for our mining customers.

Hofmann Engineering's customers range from the world's great resource and mining companies, various major international OEMs, through to leaders in international aerospace and defence technology.

Hofmann Engineering provides onsite expert services for equipment installation / commissioning and for RCA failure analysis and correction.

Heat Treatment for every purpose and condition, together with other complementary engineering capabilities and facilities, which include a metallurgical laboratory, state of the art metrology equipment, electro-chemical plating and the experience & capability to undertake the largest of onsite repairs and in situ machining; ensures a complete specialist manufacture service.



Hyundai Rotem Company

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COMPANY PROFILE

Hyundai Rotem Company is a global heavy industry company that specializes in design and manufacturing rolling stock, military equipment and plant.

It is able to produce all types of rolling stock, including electric multiple units (EMUs), high-speed trains, locomotives, wireless trams and magnetic levitation (maglev) trains.

In addition, it is ushering in the new era of eco-friendly Hydrogen fuel by developing trains powered by Hydrogen fuel cells along with Hydrogen infrastructure including Hydrogen refueling stations.

Further, its industrial wearable robot technology that assists field workers is proving to be a game changer at sites such as automobile production lines and steel mills.

Also, Hyundai Rotem is strengthening national security by developing smart, unmanned weapon systems along with tanks and other types of armored vehicles.




Infinitive Group

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COMPANY PROFILE

Infinitive Group (Infinitive) has been providing expertise to the rail industry in the form of consultancy, management, hardware and software solutions for many years and this has placed us in the unique position of understanding rollingstock operating challenges from a management, operations, maintenance, and depot level perspective. With a strong track record and in-depth technical knowledge of the transport industry, we are a respected specialist consultancy and leading research and development company.

Importantly, Infinitive was selected to be the remote condition monitoring partner for the Victoria, Hammersmith and City, Metropolitan, District and Circle lines for London Underground's Predict & Prevent and Maintenance Modernisation programmes which has saved the organisation tens of millions of pounds over the past 5 years. In addition to this cost saving, the Mean Distance Between Service Affecting Failures improved by 20% as a result of this analysis and implementation.

Infinitive has successful experience in being able to predict diesel engine failures under certain load and temperature conditions. The suspect trains can be scheduled to easier routes until they can be brought in for maintenance or rotated out immediately. The outcome is a higher fleet availability and a reduction of in-service interruptions without adding any additional sensors to the train.

Infinitive has also provided strategic consultancy to Transport for Wales for the implementation of a new depot with enhanced maintenance processes for a new fleet of trains. Infinitive provided a team of leading experts within the railway domain to deliver value and excellence in train maintenance.

In these projects, Infinitive's ability to plan, manage, execute and visualise data was the reason our approach was selected. Our experience has enabled Infinitive to develop a cost effective, risk-based maintenance triangle between people, processes, and technology.



Iris Asia-Pacific Pty Ltd

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COMPANY PROFILE

Iris develops and produces the most accurate sensors for automatic passenger counting. The IRMA 6 sensor is mounted above the vehicle doors and transmits the number of passengers boarding and alighting. The IRMA 6 can easily be integrated into any IT infrastructure. Our products are used in NSW, by Yarra Trams, by BVG in Berlin, Los Angeles, New York, Shanghai, among others. Since iris was founded more than 30 years ago, we have been leading the market in technological innovation.



Keolis Downer

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COMPANY PROFILE

We are Australia's largest multi-modal operator combining world-class operational capabilities with a deep understanding of local needs. We have a unique whole-of-life insight by combining the planning and operating capability of Keolis with the engineering, asset management and rolling stock capabilities of Downer.

Keolis is a global leader in the shared mobility market and a committed partner to public transport authorities around the world. Keolis co-designs safe, smart and sustainable public transport solutions that help to create more attractive places to live and work. Keolis operates all transport modes and develops new forms of shared and customised mobility to answer local needs. With operations in fifteen countries across five continents, Keolis carries more than 3 billion passengers every year.

Downer is the leading provider of integrated services in Australia and New Zealand. Downer designs, builds and sustains assets, infrastructure and facilities and has a rich history dating back over 150 years.

Downer's technology and partnerships offer innovative solutions that bring increased availability, improved reliability and reduced costs.

With a unified approach and commitment to safety and operational performance, Keolis Downer operates and maintains Yarra Trams in Melbourne, G:link on the Gold Coast and Adelaide Metro train services. In addition, Keolis Downer is a leading bus operator with large-scale operations in Western Australia, South Australia, New South Wales and Queensland, and is the operator of the integrated public transport system in Newcastle.

"Our success is built on our ability to integrate all mobility modes and to partner with local transport authorities to deliver solutions that are adapted to community needs and that encourage the use of public transport." David Franks CEO, Keolis Downer



KNORR-BREMSE

Knorr-Bremse

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COMPANY PROFILE

Knorr-Bremse is the global market leader for braking systems and a leading supplier of other safety-critical rail and commercial vehicle systems. Knorr-Bremse's products make a decisive contribution to greater safety and energy efficiency on rail tracks and roads around the world. About 30,500 employees at over 100 sites in more than 30 countries use their competence and motivation to satisfy customers worldwide with products and services. In 2021, Knorr-Bremse's two divisions together generated revenues of EUR 6.7 billion.

Knorr-Bremse Australia is a company of the Knorr-Bremse Group with headquarters in Granville NSW and facilities in Victoria (Derrimut and Keysborough), QLD (Darra and Mackay) and WA (Perth and Port Hedland).

Knorr-Bremse Australia currently has approximately 480 employees across Australia.


For more than 115 years the company has been the industry innovator, driving innovation in mobility and transportation technologies with an edge in connected system solutions. Knorr-Bremse is one of Germany's most successful industrial companies and profits from the key global megatrends: Urbanization, sustainability, digitalization and mobility.



LAING O'ROURKE



Laing O'Rourke



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COMPANY PROFILE

Laing O'Rourke is an international engineering and construction company delivering state-of-the-art infrastructure and buildings projects for clients in the UK, Middle East and Australia.

Certainty, reliability, quality – this is what our clients want, and we have more than 150 years of experience delivering it.

Our highly-trained and committed people understand the challenges of modern construction, the stakeholders involved, and how to work collaboratively to deliver our clients' aims.

We combine our expertise with purposeful technology, deploying innovations like digital engineering and AI to produce powerful results.

By leveraging the right technology we know we can spark positive change for our clients, their projects and the wider industry. That's why our 2025 mission is to be the construction sector's recognised leader for innovation and excellence.



Loram Pty Ltd

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COMPANY PROFILE


Since 1954, Loram has been providing the most advanced, most productive, and most innovative railroad maintenance services and equipment with exceptionally high standards of quality and performance. Loram has earned over 50 years of experience in the Australian rail industry and its machines operate on Australia's major mining networks, interstate freight lines, and passenger systems. Today, the Loram portfolio represents the industry's leading range of comprehensive solutions designed to help you achieve operational excellence, extend rail, and track asset life, and enhance efficiency to new levels.







Marubeni

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COMPANY PROFILE

Marand Precision Engineering (Marand) is a global supplier of precision engineered solutions to a range of industries, including aerospace, defence, rail, automotive, mining and energy.

Marand Engineers, manufactures and sustains complex automated equipment, tooling and bespoke products for its predominately blue chip client base, including Lockheed Martin, Boeing, BAE Systems, BHP, Rio Tinto, Carbon Revolution and Alstom.

All Engineering, Manufacture and Service / Support is carried out from our Australian Base.

The business offers total manufacturing solutions that encompass project management, design, manufacture, installation, commissioning, ongoing maintenance, and spare parts support for any Marand supplied precision machine or product.

Rail industry related;

- Design and build of rolling stock maintenance equipment
- Wheel Presses, Bearing Presses, Underfloor wheel lathes, Portal lathes, Draw Gear material handling solutions, Bespoke equipment
- Design and build of complete rolling stock Maintenance facilities
- Design and build of Automation solutions for production and maintenance
- Production of metal components and structures

Engineer. Manufacture. Sustain.

*A better future. **Together***

Marubeni

Marubeni

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COMPANY PROFILE

The Marubeni Group has a long and proud association with Australia, having established Marubeni Australia Ltd. in 1960. Marubeni Australia Ltd a 100% subsidiary of Marubeni Corporation (Japan), which itself was founded in 1858 upon the simple guiding philosophy that “Business must benefit society”. This philosophy has kept us successful since our foundation in 1858. Of course, times change, products change, modes of communication and transportation change, but our core principle holds fast. Today, our global business is driven by innovation, but our loyalty remains with the societies we serve.

In Australia the Marubeni Group manages a diverse portfolio of businesses in industries including iron ore, coal, energy infrastructure, power generation, transportation, construction and mining machinery, chemicals, steel products, woodchips, salt, food, and financial services.

We have had a long and proud association as investors with the Gold Coast Light Rail project in Queensland, and Sydney Metro Northwest & City & Southwest Project in New South Wales. We continue to seek opportunities in mass transit infrastructure, and associated opportunities such as Transit Oriented Developments (TODs).

In March 2021, Marubeni announced its long-term vision on climate change in which it has set a goal of net zero greenhouse gas emissions from the group by 2050. In order to achieve this goal, an Action Plan Toward 2030 was established under which we are pursuing are business opportunities associated with the transition to a carbon free future, which include low carbon energy supply, low and zero carbon transit systems (including supporting the development of battery and Hydrogen Fuel Cell powered mobility) and delivery of energy systems which form the foundation of a decarbonised society.

Looking ahead, the Marubeni Group look forward continuing our contribution to the Australian economy and society in a sustainable & socially responsible manner.



Metro Trains Melbourne

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Raymond O'Flaherty
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COMPANY PROFILE


As the city's metropolitan rail service, Metro operates 226 six carriage trains across 998 kilometres of track, transporting hundreds of thousands of customers each day. We aim to encourage the Melbourne community's vibrant and ever evolving lifestyles, by providing a seamless transport solution to keep individuals connected. With 15 regular-service lines, 222 stations and services seven days a week, Metro can take you wherever you're headed across the city, whenever you want to go.



Queensland Rail



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COMPANY PROFILE

Queensland Rail has been connecting communities since 1865, delivering safe, reliable and world-class rail services for our customers.

With total assets of \$8.9 billion, and a network that extends more than 6,600 kilometres (km) across the state, we are also focused on delivering our services efficiently and sustainably to create value for our customers and Queenslanders.







Our South East Queensland Citytrain network provides 8,392 services each week, supporting our customers to reach their destination safely and on time.

Regional Queensland is serviced through our Travel and Tourism business, providing eight unique rail experiences connecting regional communities and supporting the Queensland tourism industry. With our regional network also providing rail access for freight operators and other supply chain customers to enable the critical transport of resources and general freight across the state.



Rail Control Systems Australia

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COMPANY PROFILE

RCS Australia is a top-tier provider of industry-leading rail signalling solutions.

Combining years of expertise and experience, we founded RCS Australia with a genuine commitment to being the absolute best in the rail signalling business, whilst creating a culture that championed excellence and innovation.

For over a decade, our team has positioned RCS Australia as one of the most experienced, agile and sought-after providers of rail signalling and control systems engineering in Australia.

We provide our clients with innovative, technically advanced and purpose-built signalling and communication systems, and we do so by uniting the brightest minds in the industry.



RATP Dev Australia

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COMPANY PROFILE

RATP Dev operates and maintains transportation systems on four continents, and leverages the technical expertise and experience of our parent company, RATP Group.

RATP Group is the 3rd largest public transport operator globally, including for the Paris network, one of the world's largest multimodal transportation networks.

Backed by its 120-year history providing mobility services across the world, RATP Group is a global leader in GoA4 metro operations. With 30 years' experience in fully automated systems, it currently operates 6 GoA4 lines (9 in total in 2022) globally, including greenfield and airport lines.

We dedicate every day to better living cities for 4.8 billion satisfied passengers. That's our driving purpose.

We are fully committed to bringing our expertise to Australia.



Ricardo Rail Australia

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COMPANY PROFILE

Ricardo Rail are a global rail consultancy providing technical expertise, assurance, and specialist engineering services to help you navigate the industry's operational, commercial, and regulatory demands.

With capabilities in all disciplines, from rolling stock, signalling and telecommunications, to energy efficiency, decarbonisation, safety management and operational planning, we support a client portfolio that ranges from some of the world's largest rail administrations to niche component suppliers.

We work with governments, operators, infrastructure managers and manufacturers to ensure railways deliver the highest possible value to their customers and wider communities.

Whether you are looking to develop new regional transport plans, introduce low-emission technologies or improve the journey experience for your customers, we bridge the divide between core engineering disciplines and the economic and environmental challenges of rail transport.

In Australia, we are delivering Technical Advisory Services for major projects including Sydney Growth Trains, New Intercity Fleet and Regional Rail Project in NSW. We are also supporting Sydney Metro with the Shadow Operator Role where our experts offer advice and guidance to the construction and design teams from the viewpoint of a prospective operations and maintenance contractor.

Part of the Ricardo group, we can call upon in-house expertise covering all possible areas of transport, energy, and the environment. So, whether you need specialist input on advanced propulsion, batteries, hydrogen, clean air or hybrid technologies, we have a team who have been working on it for years. Having a footprint in so many sectors gives a unique, technology-agnostic perspective, that our customers trust and use to hone their own competitive edge creating railways that are safe and sustainable.



RioTinto

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COMPANY PROFILE

Rio Tinto is a mining and metals company operating in 35 countries around the world to produce the materials essential to human progress.

We are one of the world's leading producers of iron ore. Iron ore is the primary raw material used to make steel. Steel is strong, long-lasting and cost-efficient, making it perfect for everything from wind turbines to skyscrapers and ships.

In the Pilbara region of Western Australia, we operate an integrated portfolio of iron ore assets: a network of 17 iron ore mines, four port terminals, a rail network spanning nearly 2,000 kilometres and related infrastructure.

Our Operations Centre in Perth uses next-generation technologies, including artificial intelligence, automation and robotics, to run operations in real-time and respond quickly to changes. Each of these elements works together to deliver high-quality iron ore, including our flagship Pilbara Blend™, to our customers reliably and safely.

SIEMENS

Siemens Mobility – Siemens Mobility Pty Ltd

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COMPANY PROFILE

We are global entrepreneurs, trusted by our partners to pioneer transportation, moving people sustainably and seamlessly from the first mile to the last.



Theta International

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COMPANY PROFILE

Theta International is a bespoke engineering consulting company established in 1994 focusing on the railway permanent way and the condition of its various components; track, structures, overhead, signaling and rollingstock. Theta International is well known as a technology aggregator and successfully represents several European and Asian companies in Australian and New Zealand rail markets.

Our major focus is on companies that can collect data from railway networks using both train borne and wayside solutions. These solutions help protect and optimize the infrastructure network performance. One company has a Wayside Train Monitoring system using contactless measurement technologies and data analytic tools that integrates easily into any existing infrastructure and offers fast, seamless integration with other systems.

This same company has a Pantograph Uplift Measurement System to measure wire uplift, train speed, and wind speed in both directions using a non-contact system. Measurements that exceed specified limits trigger an alarm message.

In addition, a Wheel Profile Measurement System improves rolling stock safety, the infrastructure, and operators. The system operates automatically when a train is arriving and collects data for each wheel of the train. It computes the main geometrical parameters of the wheelset in real time and sends an alarm to the supervisor computer if any measured parameter is outside user-defined safety thresholds.

Sitting behind these measurement systems is a powerful software platform capable of integrating existing asset management systems, including IBM's Maximo and SAP providing condition monitoring and analysis.

Other companies provide signaling verification tools, a portable system temporarily installed on trains for testing. It records the drivers view forwards, with the DMI and all messages sent to the JRU in a synchronized way.

Balise condition is achieved by an unattended automated on-board measuring instrument for preventative maintenance of balises. This can be installed on any type of rail mounted vehicle.

TrackSAFE Foundation

TrackSAFE Foundation

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COMPANY PROFILE

The TrackSAFE Foundation, established by the Australasian Railway Association and UGL in 2012, is Australia's only harm prevention charity focused on reducing deaths, injuries and near hits on the rail network.

TrackSAFE also works to improve the wellbeing of rail employees.

TrackSAFE's service delivery is focussed on advocacy, prevention and supporting the wellbeing of the rail workforce through training and resources.

TrackSAFE partners with leaders like Lifeline Australia to promote community-based crisis services, and advocates for mental health awareness amongst the rail workforce, providing training in mental health first aid and trauma management.

TrackSAFE delivers events and education to raise community awareness of safety on and around rail.



**Transport
for NSW**

Transport for New South Wales

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COMPANY PROFILE

Transport for NSW is the lead agency of the NSW Transport cluster. Our role is to lead the development of a safe, efficient, integrated transport system that keeps people and goods moving, connects communities and shapes the future of our cities, centres, and regions.

We work together with our operating agencies, private operators, and industry partners to deliver customer-focused services and projects.

Our customers are at the centre of everything we do, including transport planning, strategy, policy, procurement, and other non-service delivery functions across all modes of transport - roads, rail, ferries, light rail, buses, and point-to-point.

Right now, the NSW Government is delivering the largest transport infrastructure program Australia has ever seen, with \$76.7 billion of investment over four years for game-changing projects like Sydney Metro, light rail, motorways, and road upgrades. This will shape NSW cities, centres, and communities for generations to come, making NSW a better place to live, work and visit.



Trovon Group

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COMPANY PROFILE

Trovon are a leading independent rail component remediation specialist, with a wealth of experience in mainline, high speed, freight, metro and light rail overhaul and upgrade services. Established in 2014, Trovon's services are now available to various countries throughout the MENA, SEA, CEE, & LATAM regions.

Trovon supply and maintain critical rolling stock sub-systems by employing proprietary engineering processes and AI that extend service intervals and component life, while offering a quicker, cheaper, and localised alternative for operators.

In meeting and exceeding original equipment specifications, Trovon's high performance re-engineering processes facilitate: improved component performance; extended service intervals; prolonged asset life; supply chain efficiencies; superior fleet availability; penalty mitigation; and safety.

SYVX

Trovon's AI solution SYVX analyses, optimizes & learns from data to augment human intelligence in the prediction of future asset maintenance requirements & the optimization and automation of processes & workflows.


LoxyTrans

Trovon's surface & airborne anti pathogen solution is a fully integrated & automated system, that uses Loxyde to disinfect public transport vehicles in a single step process. It is non-toxic, non-corrosive, acts more effectively, is quicker, and continues to act 12 to 24 hours after application in the fight against viruses and bacteria.



UGL Limited



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COMPANY PROFILE

Part of the CIMIC Group, UGL is a diversified services company headquartered in Sydney Australia with activities across the Transport, Power, Water, Resources, Defence and Social Infrastructure sectors. We deliver critical assets and essential services that sustain and enhance the environment in which we live through an integrated, end-to-end approach that fuses engineering design with construction, operations and maintenance to create fit-for-purpose engineering solutions

- The Transport Division has three focus areas:
- Public Transport Operations:
- UGL is involved in the delivery of passenger rail operations and maintenance services in several cities across Australia and New Zealand:
- Metro Trains Melbourne (Victoria) – Heavy Passenger Rail

- Metro Trains Sydney (New South Wales) – Automated Metro Rail
- Canberra Metro Operations (Australian Capital Territory) – Light Rail
- Adelaide Metro Operations (South Australia) – Light Rail
- Auckland One Rail (New Zealand) – Heavy Passenger Rail

Manufacturing & Maintenance:

UGL is a leading supplier and maintainer of passenger and freight rolling stock and mining plant across Australia. Working closely with clients and often in collaborative partnerships, UGL provides long term cost-optimised manufacturing, maintenance and upgrade strategies across an extensive network of workshops throughout Australia. Our activities cover:

- Locomotive manufacturing
- Locomotive overhaul & maintenance
- Passenger overhaul & maintenance
- Passenger component overhaul
- Wagon & bogie component overhaul
- Supply chain procurement logistics
- Mining (OHV) component overhaul
- Rollingstock engineering services

Infrastructure and Assets

The UGL Infrastructure and Assets team delivers a complex and truly integrated suite of services that holistically deliver full rail infrastructure assets systems solutions. In this space, UGL services include:

- Project & Business Management
- Performance Measurement
- Asset Management Services
- Engineering Services
- Integrated Logistics Support
- Network Operations
- Rail Infrastructure Maintenance
- Property Management Services
- Safety Management
- Environmental and Sustainability Management

In every aspect of its operations, UGL is committed to the values of integrity, accountability, innovation and delivery with an unwavering focus on safety.

VicTrack

VicTrack

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COMPANY PROFILE

VicTrack owns Victoria's rail transport land, assets and infrastructure. We work to protect and grow the value of the portfolio, to support a thriving transport system and make travel and living better for all Victorians.

With much of our asset portfolio dedicated to rail transport—our land, infrastructure, trams, trains and telecommunication networks—our focus is on strategic asset management and supporting the delivery of better transport solutions.

Our Telecommunications Network is designated 'vital critical infrastructure', an asset of state significance that is critical to the continuity of the supply of essential services and to the overall economic and social wellbeing of Victorians.

Whether we're planning and managing the use of transport land, upgrading the telecommunication network or partnering on major infrastructure projects, our job is to ensure the state's assets continue to serve Victoria now and well into the future.

With a strong commercial focus, we are able to drive investment back to transport and communities and support other non-commercial activities including community projects, and environmental and heritage preservation.



Wabtec Australia

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COMPANY PROFILE

Wabtec is a leading global provider of equipment, systems, digital solutions, and value-added services. Whether it's freight rail, transit, mining, industrial or marine, our expertise, technologies, and people - together - are accelerating the future of transportation.

Mission

Performance that drives progress. We create transportation solutions that move and improve the world.

Vision

We will accelerate the future of transportation by building the safest, most reliable and sustainable freight, transit, signaling and logistics systems and services. Through our scale and innovation, we will drive average double-digit earnings growth and lead the transportation industry in unprecedented ways.

Values

At Wabtec, we make things – great things – and always have. It's in our DNA. Collectively, we have spent nearly four centuries raising the bar for safety, quality, talent, and value.



Wellm8 Pty Limited

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COMPANY PROFILE

Your Wellbeing Matters!

The wellbeing of employees is not only good for your people, but it's also good for your business. Promoting a healthy work environment is one thing, but providing a secure place for employees to raise concerns and ask for help shows that you really care. Early identification of organisational or individual issues that can lead to stress or unhealthy workplaces can allow a business to act and create a positive working environment where individuals and organizations can thrive. Good health and wellbeing can be a core enabler of employee engagement and organisational performance.

Wellm8 now offers organisations to better manage the mental health and wellbeing of their people through a secure and anonymous platform, and allows employers and employees to communicate through a mobile app.

Show your staff and the people in your organisation that you care and want the best for them by offering this simple tool that can help save businesses time, money and most importantly the wellbeing of your staff.

Your people, your organisation, your responsibility. Find out more at www.wellm8.com.

Westermo

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COMPANY PROFILE

This is Westermo

Manufacturer and vendor of industrial Ethernet switches and data communications products for mission-critical systems in harsh environments.

Westermo designs and manufactures data communications products for mission-critical systems in physically demanding environments. The products are used both in social infrastructure, such as transport, water and energy supplies, as well as in process industries, such as mining and petrochemical.

The realisation that the needs of the industry are different from those of corporate IT creates growth in the requirement for industrial grade data communication. The industrial operating environments are tough and the impact of failure in the field can lead to business threatening situations demanding that products have a lifetime in excess of 10 years. These factors have resulted in a demanding and fast growing market place.

The company is growing rapidly and currently has about 370 employees and global sales in excess of €80m. Development and manufacturing take place in Sweden at the company's facilities in Stora Sundby and Västerås as well as the technology centres in Dublin, Ireland, Mainz, Germany and Bubikon, Switzerland.

Westermo has sales and support offices around Europe and in USA, Singapore, China and Australia. Westermo also have a number of partners based in other key markets around the world.

Westermo is a wholly owned subsidiary of the Beijer Group.



Willow

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COMPANY PROFILE

Willow is a global technology company specialising in digital twins.

Our mission is to modernise and transform the built world by improving its sustainability, performance, and connectedness.

Specifically created for the needs of the rail sector, WillowTwin™ for Rail centralises and structures typically siloed data from across entire rail networks. By aggregating live, static, and spatial data, our platform provides a single source of truth to drive data-led real-time decision making, deliver operational and performance efficiencies, optimise maintenance planning to reduce costs and enable real-time asset management strategies.

Built by rail engineers, WillowTwin™ for Rail sets a new standard of railway asset management and maintenance across heavy haul, light rail, metro, and passenger rail networks, and is applicable across any stage in a project's lifecycle - from design and construction, through to operations and maintenance.

The key proven benefits of WillowTwin™ for Rail with our rail customers are:

- Increased revenue by maximising asset performance
- Linking predictive and algorithmic models to O&M and asset management decision making
- Reduction of maintenance costs by up to 20% and reduction of unplanned downtime
- 50% improved reliability through a significant reduction in track geometry defects.
- Enhanced safety through a reduction in the need for people to be in the danger zone.

Founded in 2017, Willow has over 350 employees, with offices in Sydney, Melbourne, Brisbane, Perth, Manila, London, Amersfoort, Dallas, New York, Seattle and Toronto.



WSP Australia

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COMPANY PROFILE

WSP is one of the world's leading professional services consulting firms. We are dedicated to our local communities and propelled by international brainpower. We are technical experts and strategic advisors including engineers, technicians, scientists, planners, surveyors and environmental specialists, as well as other design, program and construction management professionals. We design lasting solutions in the Transport, Water, Property & Buildings, Mining and Energy sectors and are at the forefront of integrated digital innovations. With approximately 4,500 talented people in 14 offices across Australia, we engineer future ready projects that will help societies grow for lifetimes to come. wsp.com/au



Yarra Trams

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COMPANY PROFILE

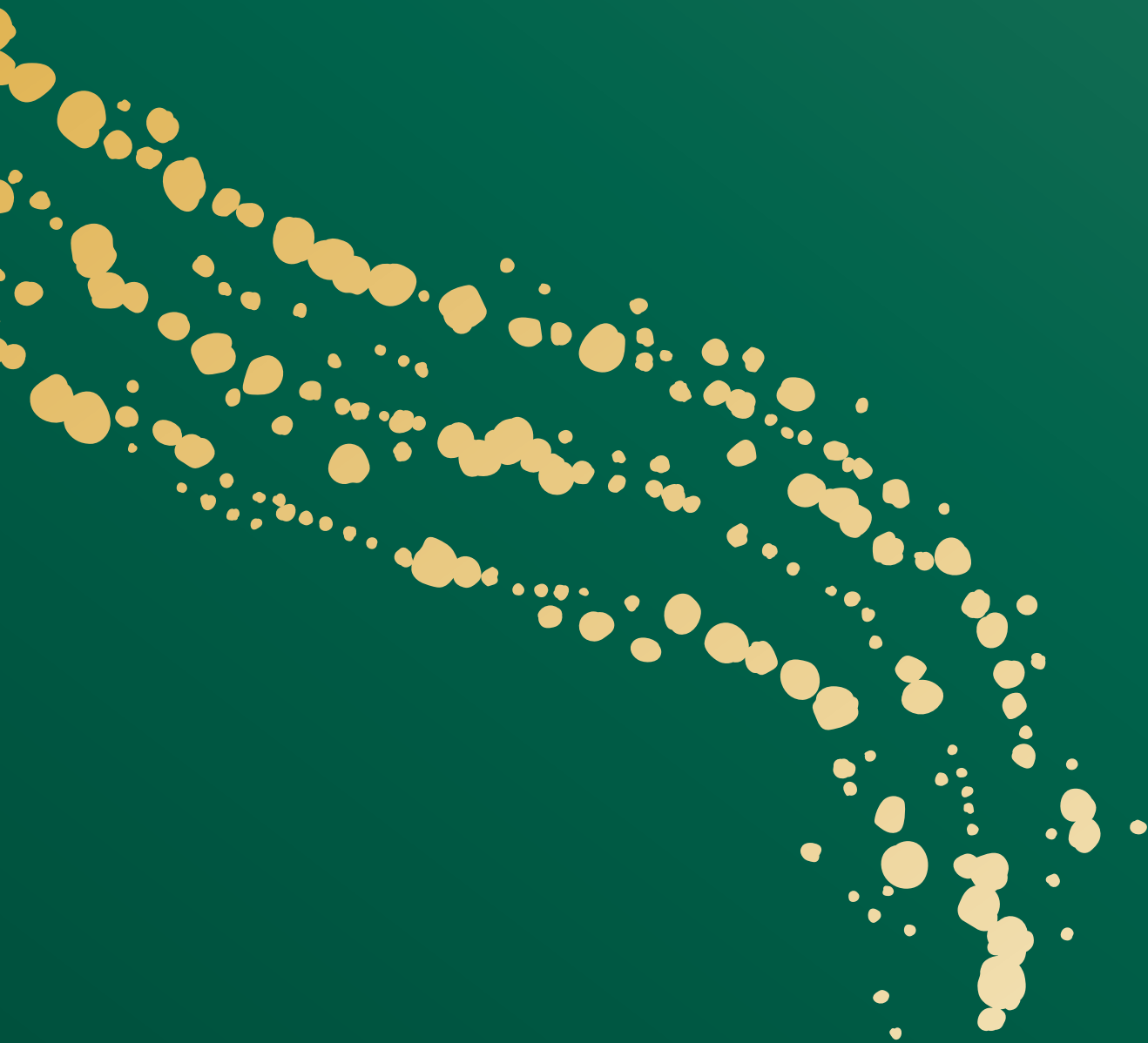
Keolis Downer is the largest private multi-modal public transport operator in Australia. We operate and integrate all types of mobility services for more than 350 million passenger journeys each year in Melbourne, Sydney, Brisbane, Gold Coast, Perth, Adelaide, and regional South Australia and Western Australia. Our operations combine world-leading expertise and deep local knowledge. We bring together the experience of an international public transport company, Keolis and one of Australia and New Zealand's leading engineering and infrastructure management firms, Downer.

We are the proud operator of Melbourne's Yarra Trams, the world's largest tram network. Since taking over the running of the iconic network in 2009, we have improved safety, delivered record passenger satisfaction, and maintained punctuality during a period of unprecedented growth across Melbourne.

Our guiding principle is to 'think like a passenger'. We focus on delivering safe, reliable, clean, and easy-to-use services and we are committed to contributing positive environmental, social, and economic impacts to the community of Melbourne that we serve.

Innotrans 2022 Delegation





AUSTRALIA

Visit us in Hall 10.1, Stand 200