Capability Statement

Integrated Rail Solutions



AUSTRALIAN RAIL TECHNOLOGY

Connecting the future of Australian Rail

Modernising the rail industry through intelligent engineering solutions

Australian Rail Technology (ART) is a leading designer, manufacturer and service provider of advanced power management and electronic equipment solutions for the rail industry.

Specialising in intelligent power switching and control technologies, ART also provides comprehensive rolling stock service, maintenance, repair, and overhaul (SMRO) solutions to support the reliability, safety and performance of rail assets throughout their operational life.

With over 40 years of experience, ART has evolved from an NSW-based operation into a nationally recognised rail solutions provider with locations in various states. Our expertise spans rail infrastructure, rolling stock, condition monitoring, and ongoing maintenance services. Throughout this journey, our financial strength and disciplined approach to risk management have underpinned consistent organic growth across the business.

As we continue to expand, ART remains focused on market leadership in all sectors where we operate, while actively exploring opportunities in emerging markets. We are committed to strengthening our relationships with existing clients and broadening our reach through new partnerships and service areas.

40+

Years of rail experience specialising in bespoke Engineered Solutions.

45+

Skilled and qualified Engineers, Project Managers, Technicians, Sales and Administration team members.

99.5%

Delivery in full on time (DIFOT) on critical contract milestones.

ART is a leading provider of comprehensive railway engineering, manufacturing, maintenance, project management, and supply chain services.

We deliver whole-of-life asset management solutions and provide critical rail focused components that support and enhance the communities and environments in which we operate.



Rail Infrastructure

ART supplies high-voltage overhead isolation switches, cantilevers, insulators, solid and retractable conductor rail, section insulators and line fittings for rail and tramway infrastructure systems, for both AC and DC applications



Rolling Stock

We design manufacture and supply a comprehensive range of electrical, mechanical and electronic products and services for rolling stock operators and maintainers.



Service, Maintenance, Repair & Overhaul (SMRO)

We have the expertise to Service, Maintain, Repair and Overhaul rolling stock equipment including but not limited to electronic subsystems, brakes, pantographs, doors, toilets and HVAC units.



Condition Monitoring

Routine maintenance on railway assets can cause unnecessary costs and down time. ART condition monitoring systems Increase maintenance efficiency and improve life expectancy of vital assets.

Rail Infrastructure

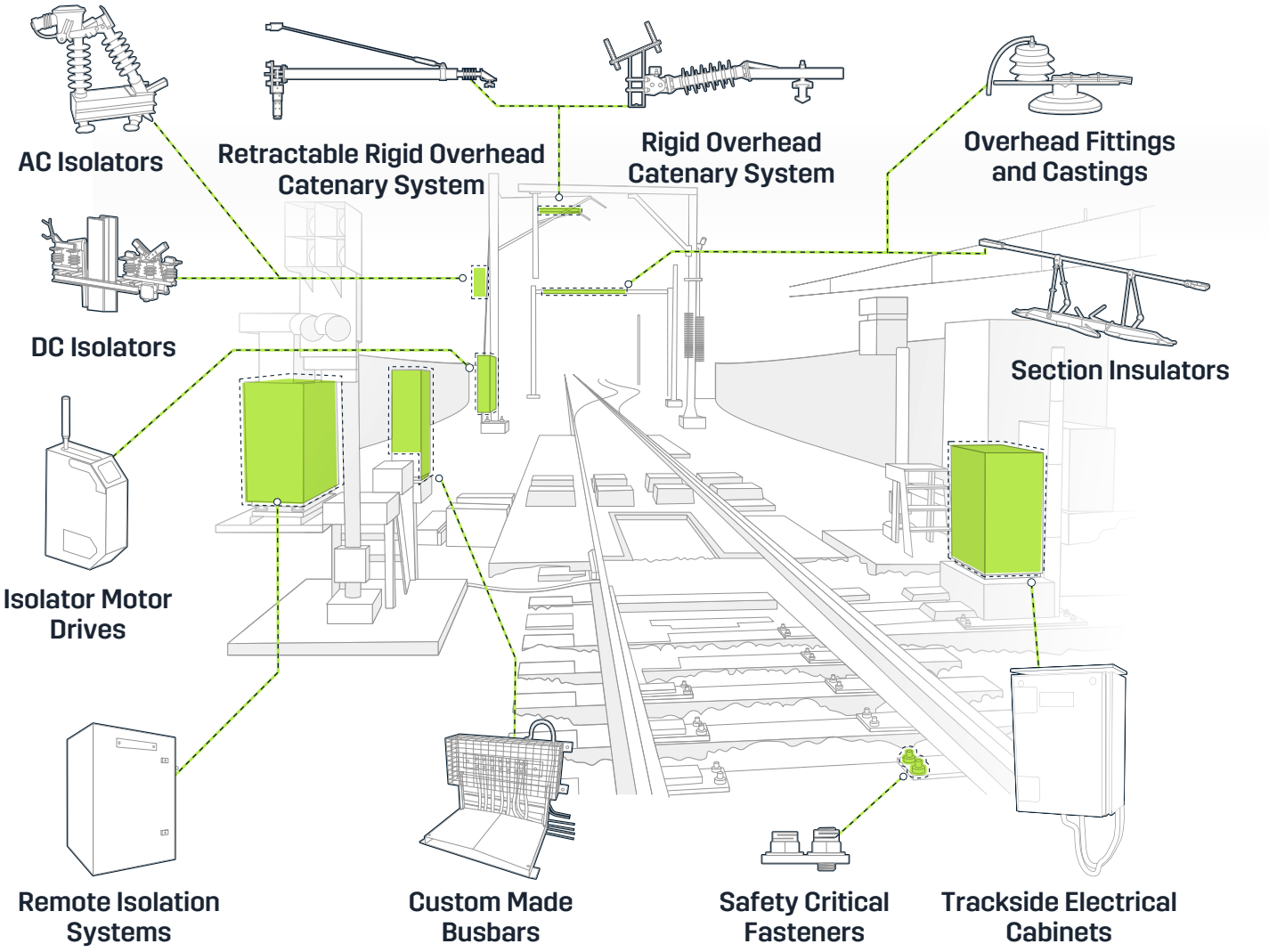
ART Capability

We design, manufacture and supply electrification products including manual and remote overhead isolator switches, insulators, fittings and castings, to support greenfield and brownfield projects.

Brand	Capability
Australian Rail Technology	Electrification products including isolators, insulators, fittings and castings, to support greenfield and brownfield projects: → Through life support including components for maintenance projects → Upgrades and expansion projects → Duplications of existing lines → Tunnels, viaducts, light rail and metro networks → Level crossing removal projects → Depots, stabling and maintenance facilities including retractable catenary systems, motorised switching and remote isolation systems
Alstom Lecco	Alstom's centre of excellence based in Italy has 110 years of experience in designing and manufacturing power transmission components for railway infrastructure, power plants and other applications. CLever is an innovative cantilever for railway electrification, developed for 750 V, 1,5 kV, 3 kV, 25 kV transport networks. CLever was designed to deliver reliable performance for speeds up to 300 km/h. This innovative cantilever solution benefits from Alstom's extensive experience in the field of electrification systems and component manufacture. ROCS, RROCS, Section Insulators and OHLE components are also offered for Tramway, Metro and Depot applications.
Pfiffner Group	Pfiffner Group manufacture AC switches for railway applications are highly efficient and adapted to each project's specific needs. Pfiffner Group switches are designed to provide reliable high performance in the harshest of environments. Special high-current connectors ensure your railway depot applications and industrial e-applications run safely and efficiently. Meanwhile, Pfiffner Group transformers for rectifier, traction and e-mobility applications guarantee uninterrupted power supply.

A complete range of overhead line fittings

ART manufactures high-voltage network isolators and switchgear. We also supply the complete range of overhead line fittings for rail and tramway infrastructure systems, for both AC and DC applications.



Rolling Stock

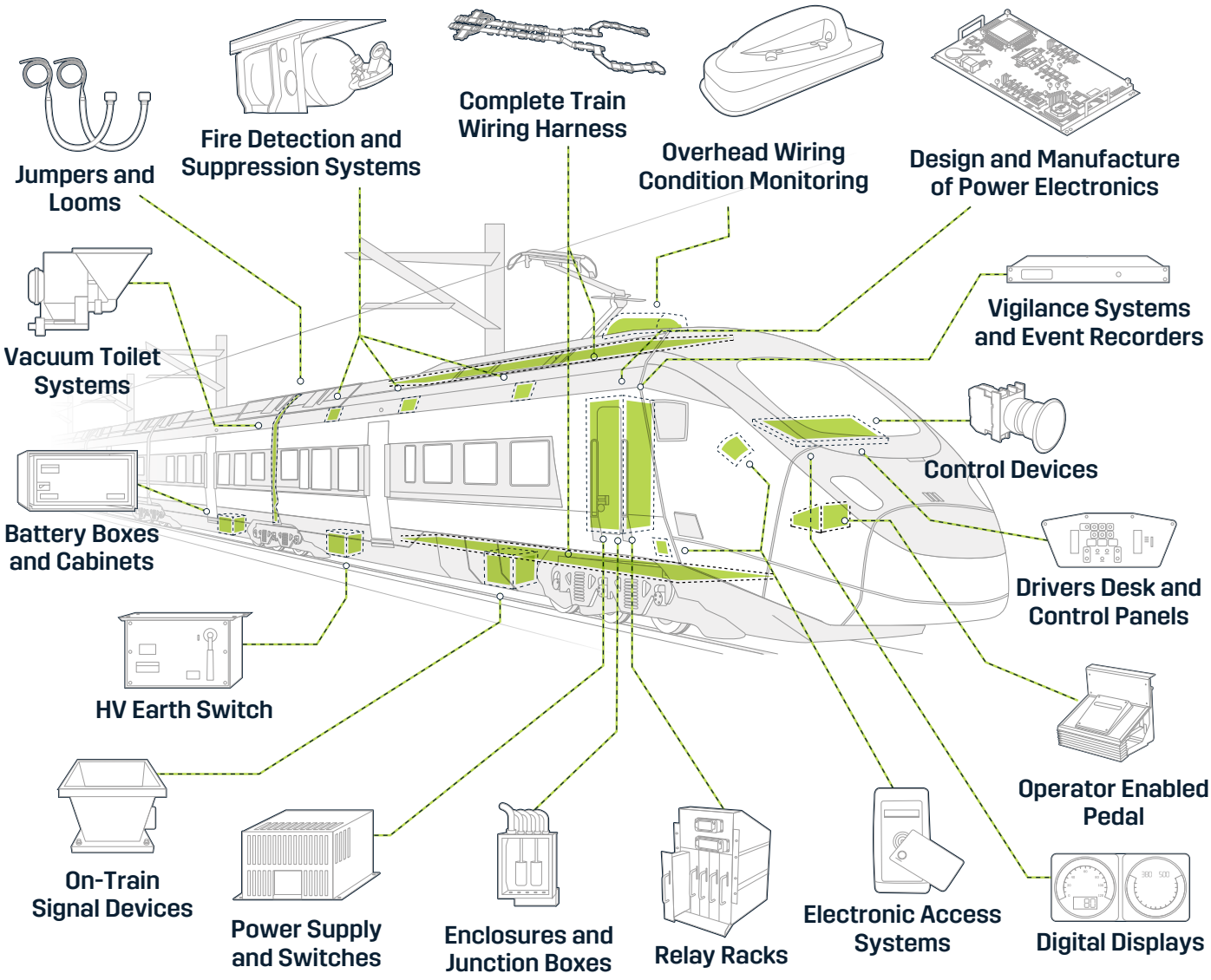
Innovative Rolling Stock Solutions

Our team includes mechanical, electronic, software and electrical engineers. We are experienced designers utilising the latest software and fully certified processes and procedures for electronics manufacturing, testing, repairs and maintenance.

Brand	Capability
Australian Rail Technology	Specialising in electronic subsystems, back lit drivers panels, complete train wiring harness, jumpers and looms, relay racks, power distribution boxes, digital speedos, magnet detectors, earth switches, drivers foot pedal, vigilance systems and AWS.
Leach International	Leach International is the world's leading provider of electromechanical and solid state switch gear for aircraft, defence, space, and rail applications, leveraging design, engineering and manufacturing expertise to create solutions-oriented equipment for power distribution and control.
MTM Power	MTM Power is one of the leading manufacturers of power supplies in Germany. Power supplies and convertors are developed and manufactured by MTM Power® offering unparalleled functionality and quality.
Glova	Glova Rail specialise in the supply of vacuum toilet units for the refurbishing of pre-existing train toilets. The Glova Rail Compact "push pull" type design is made as a line replaceable unit. Glova Rail toilet units are designed according to the latest standards and have proved extremely reliable in service through condition monitoring technology.
Logiplus	The Logiplus electronic access system includes a Base Station, Desktop Unit and Central Unit designed specifically for railway applications.
Fogtec	FOGTEC develops, produces and markets fixed and mobile systems for fire detection and firefighting. Fogtec smoke detectors and firefighting systems are specially developed for rolling stock and tailored to special vehicle requirements.
EKE	EKE provides leading technologies to train manufacturers, operators and integrators for efficient train manufacturing and operations. EKE provide tailored solutions for system integration, train automation, train communications, train diagnostics and improved safety.

Providing all your rolling stock requirements

ART designs and manufactures a range of electrical and electronic components for rolling stock, as well as being your local support agent for leading European OEM's.



Condition Monitoring

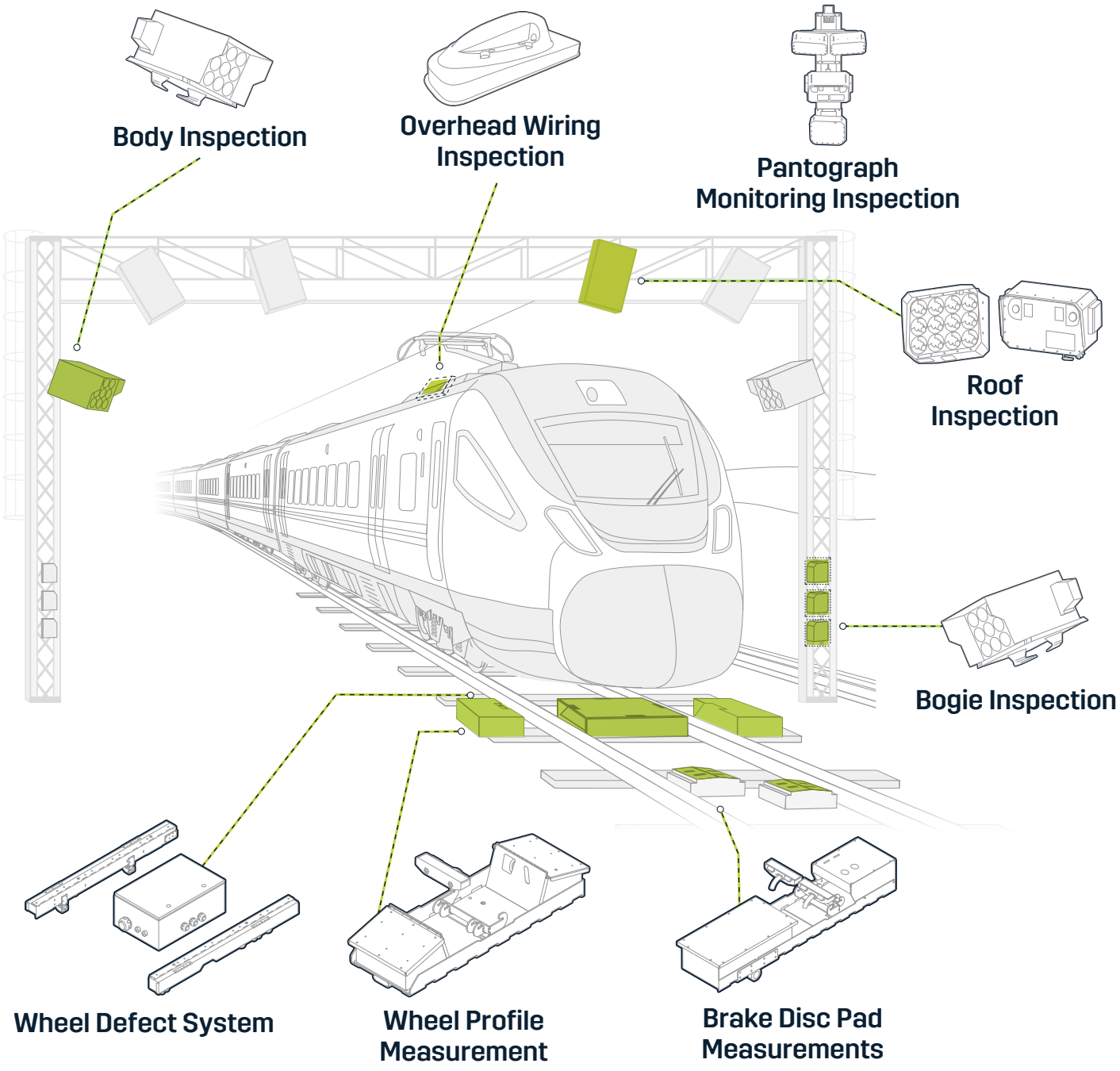
Precision monitoring and diagnostics

We are a system integrator of condition monitoring technology to meet your requirements. Specialising in pantograph inspection systems our capability includes full train scanning, roof, bogie, body, wheels and brakes.

Brand	Capability
Australian Rail Technology	From integrating multiple OEM systems into one super site to an individual piece of technology scanning the pantograph ART can support the demands for safer, more efficient maintenance practices by providing the right technology for the task.
Camlin Group	Camlin manufacture innovative and intelligent monitoring products and services that help make rail networks safer, more efficient, resilient and sustainable. Camlin's wayside vehicle condition monitoring system helps railway infrastructure owners and network operators optimise maintenance schedules and maximise rolling stock fleet availability.

Improving life expectancy of vital assets

ART's condition monitoring solutions enable predictive maintenance by continuously monitoring asset health, allowing operators to detect faults early, reduce maintenance costs, minimise downtime, and improve the safety, reliability, and availability of railway assets.



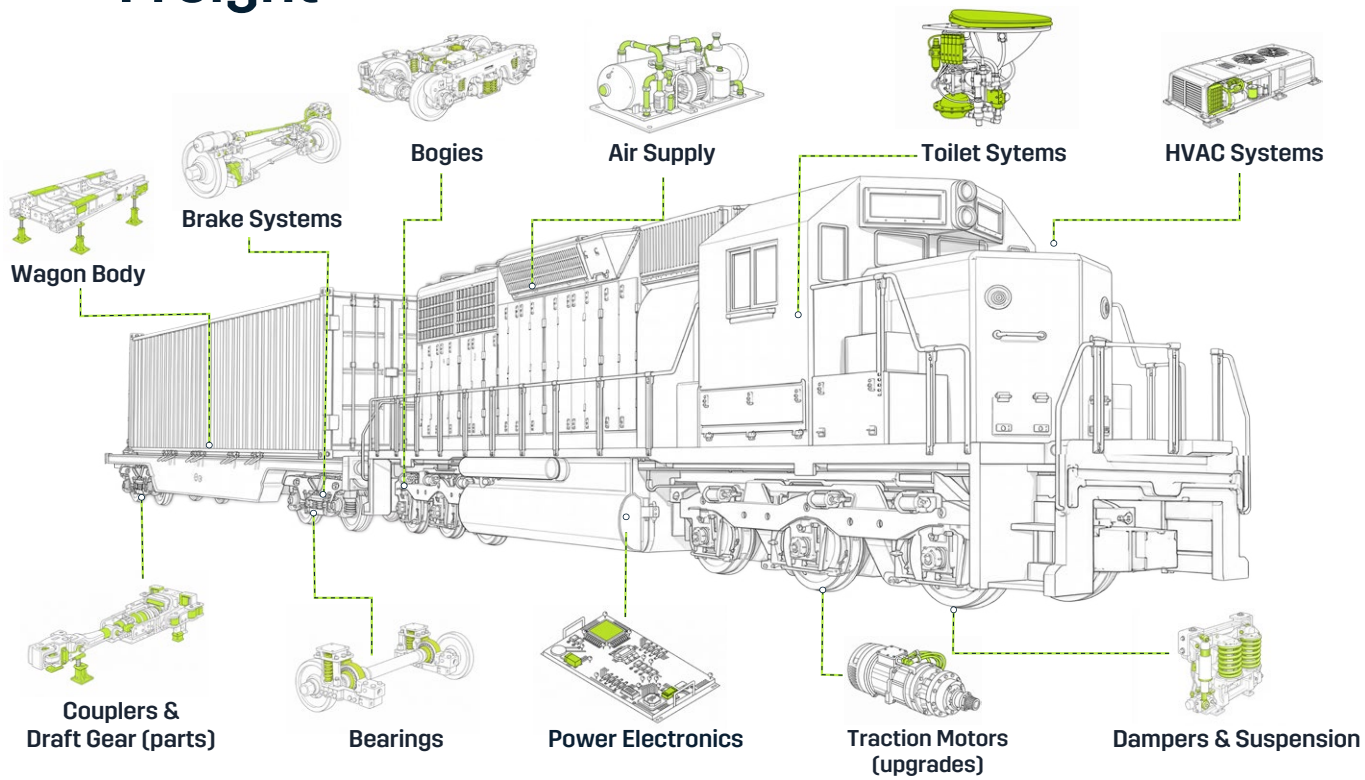
SMRO

Keeping rail assets performing at their best

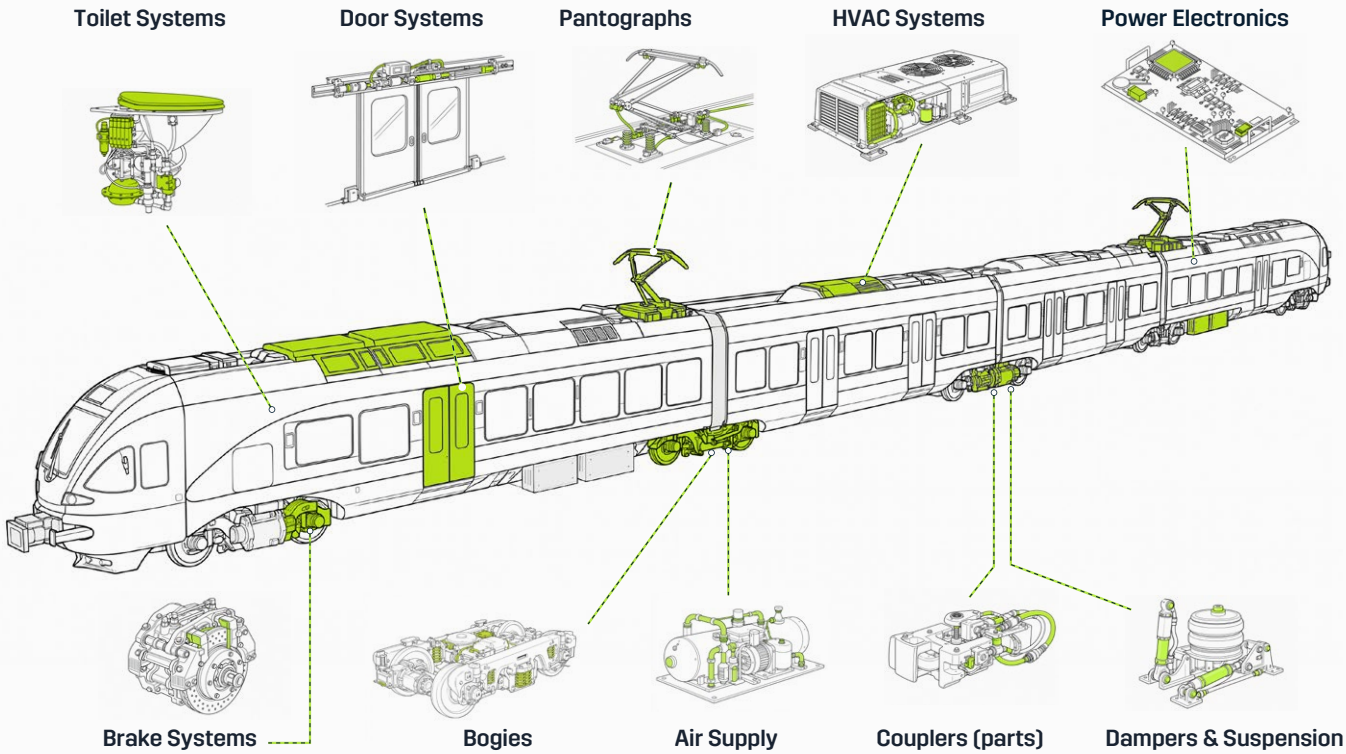
ART is an OEM grade maintainer that defines, delivers, and warrants end-to-end solutions based on engineering expertise, service experience and an independent global supply chain.

- **Brake Systems** - Engineering, supply and maintenance of complete braking systems including electronic and electro pneumatic control systems, WSP and ancillary electronics, braking discs, pads and blocks, with full system overhaul, repair and component supply.
- **Door Systems** - Supply, overhaul, remediation and upgrade of door systems including sliding plug, external and pocket sliding doors, internal and interconnecting doors, fire protection and driver cab doors, with microprocessor-based control and detection systems.
- **Air Supply** - Supply and overhaul of reciprocating, screw and scroll compressors, including complete air supply and treatment systems.
- **HVAC Systems** - Supply, service, retrofit and rebuild of HVAC systems for passenger rolling stock including conventional and heat pump systems across roof, saloon and underframe installations, with microprocessor-based control, air quality and advanced diagnostics including advanced control systems.
- **Bogies and Suspension** - Strip and rebuild of bogies including structural repair, crack and corrosion inspection and component requalification, and supply, test and overhaul of suspension and dampers, as authorised ANZ service partner for KONI.

Freight



Passenger



Engineering

Engineers from many disciplines

We have extensive experience in project management and turn-key solutions and can offer full support to project managers where engineering and logistics support play key roles in delivery of the project.

ART Has a wide range of engineering experience and skills in house. Our engineering department consists of many disciplines across Australia with Engineering services in Sydney, Taree and Hervey Bay.

ART engineering processes are ISO accredited, with a full suite of engineering templates, guides and forms to ensure we deliver against our ISO9001 requirements. We have a strong manufacturing background that is applied to the delivery of our railway solutions.

Australian, British and European Rail expertise

Our extensive experience in Australia gives us a thorough understanding of the unique requirements for the rail industry.

Design and Manufacture

WIth a large team of electrical and mechanical engineers, we are able to design, manufacture and prototype a product and develop it for production.

Quality

Our quality systems ensure we comply with requirements of each and every client. We use NATA approved third party test facilities to ensure supply of qualified and reliable products.

Specialists in bespoke engineered solutions

Australian Rail Technology has been in operation for over 40 years and seen steady growth over that time.

The company employs 55 people and has a high level of experienced development engineers and highly skilled production and assembly technicians.

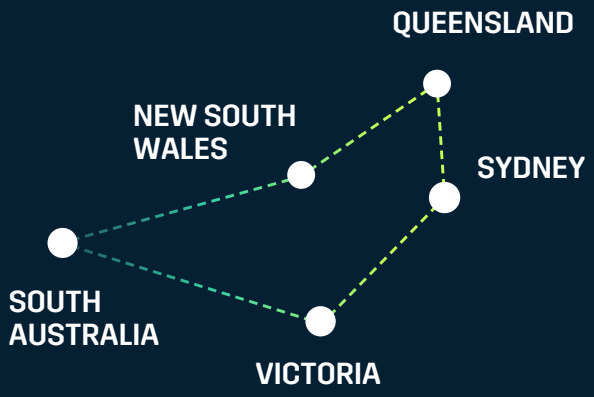
One of our greatest assets is that we do all of our engineering and manufacturing locally through our headquarters in Sydney, Taree Electronics Facility or Tullamarine. We have business locations in NSW, Victoria, Western, Queensland and South Australia.

ART is a Transport for NSW Technically Assured Organisation (TAO) for rolling stock subsystems, traction substations, and overhead wiring.

We are fully compliant through our ISO9001:2015 QMS accreditation, along with holding our Occupational Health and Safety, and Environmental Management accreditations.

NSWICC PARTNER

ART has met the prequalification requirements of FACCI Policy to be Contract ready. ART proudly represents Australia's First People Business Owners, Families and Communities.



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