AUSTRALIAN SIGNAL INFRASTRUCTURE

CAPABILITY STATEMENT

2025



COMPANY OVERVIEW

History and Expertise: Australian Signal Infrastructure Pty Ltd (ASI), established in 2015, specialises in providing high-quality and reliable outcomes in signalling construction, testing, and commissioning. ASI has built a strong foundation of expertise by engaging leaders in the signalling field and maintaining a robust consortium of highly experienced subcontractors. This combination allows ASI to offer full turnkey signalling solutions that meet or exceed industry and client expectations.

Values

ASI's core values ensure a seamless integration and shared commitment to excellence:

Safety and Wellbeing: Committed to a "Zero Harm" culture, prioritising the safety of personnel in all operations. Our management systems provide governance and compliance for our employees and subcontractors, ensuring everyone goes home safely every day.

Innovation and Efficiency: Committed to pioneering cutting-edge signalling solutions that set new benchmarks in the industry. By leveraging the latest technologies and streamlined management practices, we ensure our projects are delivered with unmatched efficiency, on time and within budget. Our proactive approach allows us to swiftly adapt to client needs and evolving project requirements, positioning us as leaders in innovation and operational excellence.

Expertise and Quality: Upholding the highest standards of quality through ISO 9001 accreditation. Our projects are completed to national and client standards, ensuring precision and reliability.

Collaboration and Teamwork: Creating a supportive and inclusive work environment where everyone's contributions are valued and encouraged. By working together and leveraging each other's strengths, we build stronger teams and foster a culture of mutual respect and trust.

Growth and Development: At ASI, we are dedicated to fostering both personal and organisational growth. We invest heavily in the professional development of our team, providing continuous learning opportunities and career advancement. Our commitment to growth extends to our company as well, as we constantly refine our processes and embrace new technologies to stay at the forefront of the industry. By prioritising the development of our people and our operations, we ensure sustained success and innovation in all our projects.



CORE COMPETENCIES AND ACHIEVEMENTS

Recent Projects

Narrabri to North Star (N2NS):

Client: T4MR (John Holland/SEE Civil for ARTC Inland Rail)

Project Description: The Narrabri to North Star section of the Inland Rail project involves constructing new and upgrading existing signalling infrastructure to enhance freight movement efficiency across the region. This project is a critical component of the broader Inland Rail initiative, aimed at improving the national freight network by creating a seamless connection between Brisbane and Melbourne.

Scope: Construction, testing, and commissioning of Centralised Traffic Control (CTC) systems, signalling infrastructure for 10 passing loops, and 11 level crossings. This includes the installation of new signalling equipment, signal gantries, power supply systems, and communication networks.

Location: Regional NSW

New Intercity Fleet (NIF):

Client: Sydney Trains

Project Description: This project involves platform alterations and upgrades to accommodate new carriages, replacing the aging V set fleet, which will significantly enhance passenger experience and operational efficiency. The new fleet is designed to provide a more comfortable, reliable, and efficient service for intercity travellers.

Scope: Supply, installation, testing, and commissioning of signalling system alterations to integrate with the new platform upgrades. This involved interfacing with existing Sydney Trains signalling infrastructure and ensuring seamless operation with the new fleet.

Location: Sydney, NSW

Moorebank Intermodal Terminal – Stage 1:

Client: Qube Holdings

Project Description: The Moorebank Intermodal Terminal project aims to develop a state-of-the-art terminal to handle the increasing freight demands of Sydney. This nationally significant infrastructure project is designed to alleviate road congestion, reduce transportation costs, and enhance the overall efficiency of freight movement in the region.

Scope: Supply, installation, testing, and commissioning of the signalling system, including integration with existing ARTC and Sydney Trains networks. This project required coordination of complex signalling changes to accommodate the new terminal infrastructure.

Location: Sydney, NSW

Federal Government Stimulus Level Crossing Programme:

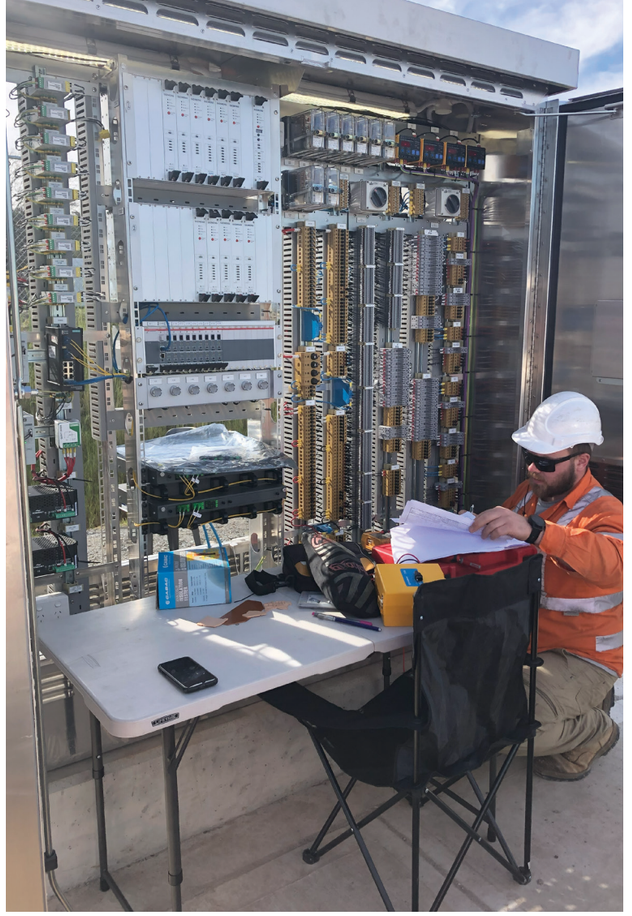
Client: ARTC (Australian Rail Track Corporation)

Project Description: This program focuses on upgrading existing passive level crossings to automated systems to improve safety and operational efficiency across regional rail networks. The initiative is part of the Federal Government's broader effort to enhance railway safety and reduce the risk of accidents at level crossings.

Scope: Design, supply, installation, testing, and commissioning of 35 level crossings. This project included significant civil works, electrical installations, and interfacing with existing rail and road networks to ensure smooth and safe operation.

Location: Regional NSW







Werris Creek to Emerald Hill CTC Upgrade:

Client: ARTC (Australian Rail Track Corporation)

Project Description: The CTC upgrade project aims to modernise the existing signalling system between Werris Creek and Emerald Hill, improving train control and operational efficiency. The project is crucial for enhancing the safety and reliability of rail services in the Gunnedah Basin region.

Scope: Supply, installation, testing, and commissioning of a new signalling system, including per way extensions to existing passing loops, signal equipment upgrades, and integration with existing infrastructure.

Location: Regional NSW

Emerald Hill to Narrabri CTC Upgrade:

Client: ARTC (Australian Rail Track Corporation)

Project Description: This project continues the modernisation of the signalling system between Emerald Hill and Narrabri, aimed at enhancing safety and efficiency of rail operations in the region. The upgrade supports increased rail traffic and operational demands.

Scope: Supply, installation, testing, and commissioning of a new signalling system. This included significant enhancements to passing loops and integration with existing track and signal infrastructure to ensure seamless operation.

Location: Regional NSW

Metropolitan Freight Network (MFN):

Client: ARTC (Australian Rail Track Corporation)

Project Description: The MFN project involves the rationalisation of the Port Botany container terminal and associated track and signalling changes to improve the efficiency of freight movement through Sydney's metropolitan area. This project is critical for supporting the growing demands of freight transport and enhancing the capacity of the Port Botany terminal.

Scope: Track and signalling changes through the shared corridor from Cooks River to Enfield marshalling yard. This project involved complex interface management between ARTC and Railcorp systems, signal upgrades, and infrastructure enhancements to support increased freight capacity.

Location: Sydney, NSW

Inland Rail Daroobalgie Passing Loop

Client: Martinus Rail

Project Description: As Part of the Albury to Parkes Inland Rail Project.

Scope: Supply, Installation and testing & Commissioning of the passing loop and Daroobalgie Road Level Crossing. This project included significant civil work, electrical construction of Huts Location cases and Signals, electrical site installation and interfacing with existing rail and road network to ensure safe operations.

OUR COMMITMENT

ASI is dedicated to upholding the highest standards of quality in all our projects, ensuring precision, reliability, and compliance with industry standards.

Our commitment to quality is evidenced by our ISO 9001 accreditation, which underscores our rigorous quality management systems.

Key Aspects of Our Quality Commitment

Signalling Experts

Our team comprises highly skilled and experienced rail and signalling experts who are dedicated to maintaining the highest standards in all aspects of our work. Through ongoing training and professional development, we ensure that our staff stay abreast of the latest industry standards and technologies. This commitment to expertise enables us to deliver innovative and reliable solutions, positioning ASI as a leader in the rail signalling industry.

Client-Focused Solutions

We always strive to exceed our clients' expectations with a proactive and collaborative approach. By prioritising the understanding and meeting of our clients' specific needs, we ensure that our solutions are tailored to deliver maximum value. Our quality management system is designed to guarantee high-quality installations and services that comply with all national and client standards and specifications. Through continuous engagement and collaboration, we build strong relationships with our clients, ensuring their complete satisfaction.

Comprehensive Quality Assurance Processes

From the initial design phase through to project completion, our quality assurance processes are integrated into every step of our operations. This includes rigorous testing and commissioning protocols to ensure the reliability and safety of all installed systems.

ISO 9001 Accreditation

Our ISO 9001 certification demonstrates our commitment to quality management principles, including a strong customer focus, the motivation and implication of top management, the process approach, and continual improvement. This accreditation ensures that our processes and services consistently meet customer and regulatory requirements.

Continuous Improvement

ASI is committed to the principle of continuous improvement. We regularly review and refine our processes, incorporating feedback and lessons learned from each project to enhance our performance and deliver even greater value to our clients.

Collaborative Partnerships

We view our subcontractors as integral partners, fostering close relationships that enhance our operations and contribute to better project outcomes. By ensuring that our subcontractors adhere to our stringent quality standards, we guarantee the reliability and excellence of all materials and services used in our projects. This collaborative approach helps us to deliver superior results, benefiting all stakeholders involved.

At ASI, we understand that quality is paramount in the rail signalling industry. Our unwavering commitment to quality ensures that we remain a trusted partner for our clients, delivering projects that are safe, reliable, and of the highest standard.

Occupational Work Health and Safety

ASI is ISO 45001 accredited, committed to best practice WHS strategies to improve performance on site continuously. Our Zero Harm commitment ensures the safety of our workforce, stakeholders, and the community.

Legislation Compliance

ASI complies with relevant legislation, including Acts, Regulations, Australian Standards, and codes of practice, ensuring all projects meet legal and safety requirements.

CAPABILITIES AND CAPACITY

Services Provided

- Supply of Factory Acceptance Tested (FAT) Equipment Cupboards and SER racks
- Construction of civil and mechanical cable routes
- Installation of signalling and mechanical interlocking equipment
- Installation of station platform passenger information systems
- Supply and installation of level crossing equipment
- Signal gantry manufacture and installation
- Termination, testing, and commissioning of signal, power, and communication cabling
- Site Acceptance Testing (SAT) and commissioning of signalling systems
- Signal detail design and principals testing via industry-approved subcontractors
- Hire of signalling technical resources and civil plant, equipment and labour

Support and Subcontractors

Metwest Engineering Pty Ltd

Design, manufacture, and installation of rail signalling infrastructure parts.

Landmark Signals Pty Ltd (Craig Doorey)

Extensive experience in maintenance and construction of complex signalling systems.

Coastal Signalling Services Pty Ltd (Graham Moses)

Expert in testing and certification of signalling equipment.

Signalling Design Subcontractors

- Vertex Rail Pty Ltd
- Arcadis Pty Ltd, Aspex Rail Systems.



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