



CAPABILITIES OVERVIEW

MW Engineers bring safety, value, reliability and experience to your project. We invest time and resources upfront to understand how we can best contribute to your project's success. When we are engaged at the beginning of the procurement cycle we are well-placed to deliver the best possible project outcomes. Talk to us early, we are here to help.

We train our project and production teams to ensure that the level of quality and competence has a strong, uniform base. We have a large number of highly qualified senior staff, all of whom have delivered multiple complex projects in the rail, oil and gas, security, and construction industries.

The time-critical nature of projects means that it is always essential to have additional resources on call to assist in the successful delivery of projects. Over the years, we have generated depth in capability, which means that resources are available to assist in project delivery when you need them most. MW Engineers has additional human and plant resources readily available to be called upon in case of emergencies, unforeseen situations or changes and expansions of scope during project delivery.

Engineered to deliver excellence.

MW Engineers is a multi-disciplinary professional engineering company. We are certified in ISO 9001:2008, 14001:2004 and 18001:2007. We provide value-adding services to our clients across these functional areas:

Rail: we manufacture, install, maintain and remediate signalling systems onsite.

Engineering: we provide obsolescence remediation, control systems, software production and testing.

Consulting: we manage the costs and day-to-day running of individual projects. We also manage tenders and procurement of other products and services to support project delivery.

Security and surveillance: we provide design, installation and commissioning services with licensed Class A electricians and Rail-Card holders.

Products: we develop our own test strap-kits, switch boxes and control systems.

DELIVERING EXCELLENCE IN:

RAIL

MW Engineers has certificates of competency for installation, testing and commissioning of signalling systems with ARTC, DPTI, Metro, QR and others.

Our rail division delivers:

- Project management and engineering
 - In-house manufacturing
 - Rail signalling construction and installation
 - Construction management
 - Testing and commissioning
 - Manufacturing/factory testing
- Recent Rail Corridor projects include:
- Mount Thorley Branch Signalling Enhancements, ARTC
 - Autohaul, Ansaldo STS
 - Adelaide Electrification, Siemens

ENGINEERING

This division focuses on the following services:

- R&D for embedded software to enable migration from existing obsolete hardware
- Project management and consulting
- R&D for hardware, software and mobile telecommunications
- Embedded Software development for industrial applications
- Information Communication Technology (ICT)/ICE
- Electronic maintenance and servicing for the rail industry
- Feasibility & scalability studies
- Obsolescence Remediation
- Testing
- Specialist Procurement

CONSULTING

Our engineers, consultants and project management services can provide the following services and support on-site or from our own offices:

- Project feasibility studies
- Cost Management & Benefit Analysis
- Project management including logistics procurement and administration
- Client representation - superintendent role
- Design management
- Life cycle project assessment
- Project HSE, O&HSE

SECURITY AND SURVEILLANCE

Our clients benefit from having licensed A grade electricians and Rail Industry Worker Card holders on their project team.

We offer a cost-effective design, installation and commissioning service in even the most demanding environments of visible and non-visible electronic protection. We provide:

- Visible protection
- CCTV systems
- Covert surveillance
- Recording
- Access control
- Fire detection & protection
- Panic & duress alarms

SECURITY LICENCE: 882 697

DOMESTIC AND COMMERCIAL ELECTRICAL

- USB wall plates / sockets
- Home theatre / AV installation
- Pool, garden and security lighting
- Spotlight LED conversions
- Stove and oven repairs and replacements

- Power, lighting, data phone and TV points
- Antennas
- Surge Protectors
- Safety Switches
- Test & Tagging
- Fault Finding
- Renovations
- Exhaust / ceiling fans
- Intercoms
- Smoke alarms

REC: 23130

PRODUCTS

We design and manufacturer a number of rail-specific products including:

- Test strap kits
- Switch boxes
- Logic controllers
- Power supplies



For more information email sales@mwengineers.com.au

VIC

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An aerial photograph of a train station platform with a high-speed train. The image is overlaid with a semi-transparent graphic of interlocking gears, symbolizing engineering and industry.

mwengineers.com.au