

Delivering stations across Australia

DT Infrastructure (DTI) has established itself as a trusted partner in delivering and enhancing rail station infrastructure.

Operating across both brownfield and greenfield environments, we have demonstrated versatility and capability in handling diverse project requirements to deliver solutions nationwide that benefit the communities we work with.

DTI has delivered dozens of station builds and major upgrades across Australia under both design and construct, as well as construct-only contracts. Our rail experts navigate complex heritage considerations and efficiently manage project timelines, within constrained possession windows, ensuring seamless handback to operations.

DTI's dedication to improving accessibility and facilities at rail stations is evident in its exceptional service and focus on value creation, safety, and quality.

We prioritise the safety of our people and all rail network users in live-operating rail environments, through employment of digitally advanced traffic and rail infrastructure management.



Building infrastructure that lasts

- Constructing new stations and delivering upgrades, including major redevelopments and refurbishments of existing stations.
- Delivering station access infrastructure such as walkways, ramps, stairs, bike paths and overpasses.
- Installing active and multimodal transportation infrastructure that includes walkways, bike facilities, kiss-and-ride zones, bus bays and pedestrian bridges.



Delivering for station users and the community

- Delivering high-quality projects that future-proof infrastructure for growing passenger demand, while minimising construction timelines and disruptions to communities.
- Coordinating efficient work within live rail corridors through well-timed shutdowns to reduce impact on neighbourhoods and businesses.





Transport Access Program (TAP) Easy Access Station Upgrades (EASU) – Hazelbrook Station, NSW



METRONET Thornlie–Cockburn Link (NEWest Alliance) – Nicholson Road Station, WA



METRONET Yanchep Rail Extension (NEWest Alliance) – Alkimos Station, WA



Waurm Ponds Station Upgrade, VIC



Passenger experience and accessibility

- Improving rail service reliability and public safety by upgrading ageing infrastructure to modern standards, ensuring smoother travel experiences and accessibility.
- Compliance with the *Disability Discrimination Act* (DDA), Disability Standards for Accessible Public Transport (DSAPT), and NSW Transport standards for inclusive station design.
- Integrating advanced communication systems, passenger information, signalling, CCTV, and electronic ticketing.



Sustainability

- Achieving a strong IS rating from the Infrastructure Sustainability Council on our rail projects, demonstrates our dedication to sustainable practices and outcomes.
- Installing solar panels to lower a station's carbon footprint and reducing reliance on grid power.
- Integrating environmental planning and innovative design into every project.
- Creating new green spaces and opportunities for future redevelopment.
- Innovative material reduction and reuse strategies to reduce carbon emissions.



Safety

- Deploying advanced station technologies to improve safety, efficiency, and passenger service, always maintaining rigorous safety standards to protect our workforce, clients, and the public.
- Our assurance engineers enhance operational handover certainty with an in-house, end-to-end project delivery service.



Systems and technology

Station signalling interfaces

Integration of signalling control rooms and station-specific signalling equipment to manage train arrivals, departures, and platform assignments safely and efficiently.

Data-driven station management

Use of real-time data analytics and Internet of Things (IoT) devices within the station environment to monitor passenger flow, environmental conditions, and system performance for enhanced operational decision-making.

Standard station systems

Installation and maintenance of core station technologies such as automated ticketing kiosks, passenger information displays, public announcement systems, lighting control, and security surveillance to ensure smooth daily operations.

Overhead Line Equipment (OHLE) support systems

Implementation of station-level monitoring and control systems related to overhead electrification infrastructure, ensuring reliable power supply and safe interfaces between the station and trains.

