

ITS and Electrical

Delivering in-house whole-of-life Intelligent Transport Systems (ITS), DT Infrastructure's market leading knowledge and expertise supports our clients in the design, installation, integration and maintenance of ITS, Smart City and Internet of Things (IoT) devices and systems.

We have designed, delivered, managed and maintained extensive ITS networks across Australia and have capabilities in systems engineering and integration.

Applying a holistic and innovative approach to ITS construction, we improve planning methodologies for better outcomes and to return value to our clients and the community.

We build strong, trusted relationships with our customers, truly understanding and predicting their needs and providing leading insights and solutions from the world of ITS.

DT Infrastructure's ITS business has a demonstrated track record and unique ability to provide complete, integrated, in-house electrical ITS solutions for all construction aspects of:

- Traffic control signals
- Street lighting
- Red light speed cameras
- Weigh-in-motion systems
- CCTV
- Variable message signs and electronic speed signs
- Vehicle detection
- ITS staging development and design
- Installation of fibre, power and control cabling
- Construction of ITS backbone communication systems
- Lane control systems.





In-house design centre

DT Infrastructure has an established in-house design team that prides itself on delivering the best for clients.

Our design specialists are specifically trained in traffic signals, ITS, civil and electrical design. We truly understand the design requirements, reviews, and approval methods that ensure timely design acceptance for an expedited start to construction.



ITS construction

DT Infrastructure has a strong in-house traffic signal and ITS construction team with a proven ability in developing solutions to complex construction projects.

Our highly qualified and experienced ITS construction team provides turnkey solutions, incorporating civil, electrical and design capabilities, which support the delivery of complete construction and reconstruction projects.

We have unrivalled experience in the delivery of smart freeway technologies on the M4 and Warringah Freeway, having worked collaboratively with Transport for NSW (TfNSW) to develop value-for-money solutions.



Smart City technology

DT Infrastructure has the knowledge, experience, and technology to provide Smart City infrastructure and solutions for our clients to deliver quality services that improve operational efficiency, share information and promote safety.

As part of the TfNSW maintenance contract, we managed numerous successful trials of Smart City infrastructure around traffic signal intersections and street lighting.



Robust governance framework

DT Infrastructure has an integrated and robust governance framework which is utilised on all of the projects that we deliver – Integrated Management System (IMS). This provides an operational framework which aids in providing clients with clear, transparent and consistent reporting to ensure all projects are successfully delivered. The IMS covers all aspects of project delivery and provides a framework that enables our project managers to adapt to project needs whilst ensuring the correct governance is in place.

