

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 team 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
- Control centres.





In-house design centre

DT Infrastructure (DTI) 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

DTI has a strong in-house traffic signal and ITS construction team with a proven ability to develop solutions for complex projects while minimising risk to the client.



Smart City technology

DTI has the knowledge, experience, and technology to provide Smart City infrastructure and solutions that improve operational efficiency, enhance information sharing, and promote safety.

Under our maintenance contracts, we have managed numerous successful trials of Smart City infrastructure at traffic signal intersections.



Projects

DT Infrastructure's ITS team brings extensive experience delivering major roads and bridges projects such as:

- Warringah Freeway Upgrade
- Coffs Harbour Bypass
- M1 Extension – Black Hill to Tomago
- M4 Smart Motorway
- Princes Highway – Berry to Bomaderry, Road Upgrade
- ANZAC Bridge LED upgrade and remediation

