

Complete end-to-end
telecommunications
infrastructure services
you can trust.





ABOUT US

Complete Turnkey Services delivers a fully integrated telecoms construction service throughout Australia. We partner with you to ensure full transparency throughout. CTS understand the full life cycle and status of each project.

With a highly skilled workforce and state-of-the-art machinery, we consistently deliver projects to the highest standards.

We work with utility, telecoms, construction and mining companies across Australia.

OUR PEOPLE

Our skilled and capable people have extensive telecoms construction experience. We value and invest in our staff, encouraging continuous improvement and innovation.

Our team brings a diverse and robust mix of skills to your project. Having multi-skilled team members allows us to adapt to changes in the field with minimal disruption.

CTS recognize that each member of our skilled operations crew, administrative team and management personnel play an integral role in our success.





We work
with utility,
telecoms,
construction
and mining
companies
across
Australia



OUR CAPABILITIES

Civils

CTS deliver a range of civil construction activity within the telecommunications industry. We pride ourselves on delivering excellent results, safely. Client focused from the beginning, our experienced crews carry out various types of civil activity from large scale projects through to small maintenance projects.

We specialise in the following civil scopes

- ⌚ Open trenching in any soil type.
- ⌚ Direct buried cable installation.
- ⌚ HDD drilling in any soil type.
- ⌚ Rock sawing through hard terrain.
- ⌚ Tower foundations.
- ⌚ Tower strengthening.
- ⌚ Site clearing and access tracks.
- ⌚ Site earthing, fencing and shelter placement.
- ⌚ Fibre lead ins.
- ⌚ AC power lead ins.

Hauling

Hauling cable is complex when distances are lengthy and routes are difficult. Each cable type must be handled correctly. Specifically, fibre optic cable is delicate and easily damaged if not handled properly. Any mishandling of long fibre hauls is costly as fibre optic cabling is expensive. CTS have over 10 years' experience hauling all types of cable using specialised equipment. Our quality processes and skilled team ensure an outstanding standard of cabling is achieved every time.



Rigging and equipment installation

CTS provide a full-service solution for your wireless internet tower. From the construction of new wireless towers to upgrades and maintenance, we build the tower to your design. We can customize the structure to meet your needs.

CTS specialise in the installation and termination of equipment on any types of wireless structures. We use specialist rigging equipment for work on stand-alone towers through to structures installed on tall buildings. Our highly skilled team work safely and efficiently at heights.

CTS are equipped to handle all aspects of wireless builds as follows

Site surveys

- ⌚ Line of site microwave surveys.
- ⌚ Ground and structure measurements.
- ⌚ Site surveys for repeater locations, including GPS and distance measuring equipment.
- ⌚ Use of state-of-the-art test equipment.

Infrastructure installation

- ⌚ Roof-tops.
- ⌚ Self-supporting towers.
- ⌚ Mono pole, towers and guyed masts rigging construction.
- ⌚ Equipment shelter, cable tray and antenna mounts installation.
- ⌚ Roof-tops and hard to access areas including sides of buildings (twin rope access).
- ⌚ Walkways, handrails, ladder access and fencing installation.
- ⌚ Steelwork installation.

Antenna installation

- ⌚ Dipole, GPS, Omni, Panel, Wimax and Yagi antenna.
- ⌚ Microwave dishes and parabolic antenna.
- ⌚ Panel arrays.
- ⌚ Design and fabrication of antenna mounts.
- ⌚ Licensed broadband microwave installations.
- ⌚ Installation and testing.

We carry out regular inspections during the construction. Thereafter, CTS have the people and processes in place to operate and maintain the towers in the long term.

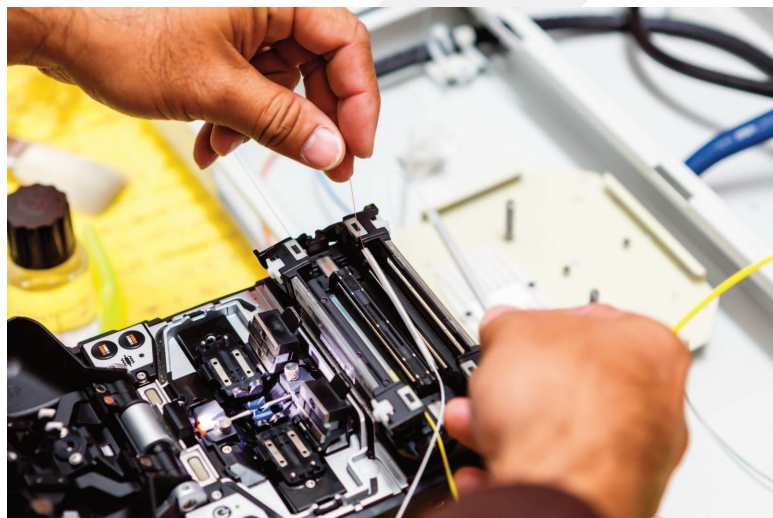
Fibre splicing

CTS have experience working with the major telco carriers including Telstra, Optus and Vodafone/TPG. Our trained fibre splicing teams are equipped with the specialized tools and equipment which allows them to tackle any project, from a remote part of Australia to a city building complex.



RECENT/CURRENT PROJECTS

- ⌚ **DTZ / UGL** – Optus fibre optic remote substation maintenance.
- ⌚ **Crown Castle** – Routine maintenance on all Crown Castle Mobile phone towers in Western Australia.
- ⌚ **RCR Infrastructure / O'Donnell Griffin** – 4G mobile phone upgrades for Vodafone and Optus.
- ⌚ **Daily International** – 4G upgrades for Vodafone and Optus for the NBN rollout.
- ⌚ **Silcar/Theiss Communications** – Telstra mobile network equipment / tower technology upgrades. Minor works projects for Air Services Australia and communication upgrades.
- ⌚ **Geraldton airport** – DVOR Counterpoise for Air Services Australia at Geraldton airport. Feb 2014 – April 2014.
- ⌚ **Visionstream** – 2017 / 18 fixed wireless communication mobile network – telecommunications, decommissioning works on the Telstra 2G network, ESC internal equipment upgrades and integration for site alarm monitoring and power rack monitoring.



SAFETY

CTR have a strong commitment to safety. We operate in a high-risk environment therefore health and safety is an integral part of everything we do.

Our team complies with all relevant Workplace Health and Safety Acts and Regulations including Australian Standards and Codes of Practice. We have developed a Health and Safety Management System compliant with Australian Standards.

QUALITY

Our process-based Quality Management System is focused on consistently meeting our clients' requirements. The system covers employee selection, training and professional development.

Quality Management is measured through key performance indicators and audits.



CTS Clients



lendlease



CALL US TODAY

0455 292 359

admin@turnkeyservices.com.au

