

TRANSMISSION CAPABILITY – SUMMARY

Transmission work, closed out on the first visit.

Alpha Telecommunications is an Australian telecommunications field services company delivering transmission and wireless infrastructure works for carriers, equipment vendors and principal contractors. Founded and run by working field engineers — scopes are priced and supervised by people who have done the work on the tools.

Transmission scopes we deliver

- Site builds**
New transmission rack installations · transmission rack relocations · battery rack installations · transmission equipment installation · commissioning and testing · labelling to client standard.
- Equipment & site infrastructure**
Subrack, card and transceiver installation · exchange, shelter and outdoor cabinet fit-out · DC power distribution and PDUs · 48V and 54V power integration · cable hauling, dressing, labelling and termination · fibre tails, patching and port mapping.
- Microwave transmission — ODU / IDU**
ODU installation and connection to existing antenna · IDU installation, card and module fit · IF cable installation, routing and termination · ODU/IDU replacement and swap-outs · microwave link commissioning support. **Scope starts at the ODU** — antenna, feeder and weatherproofing works excluded.
- Commissioning, testing & integration**
Installation and commissioning support · site integration and handover to NOC teams · OTDR and optical power testing · site alarm and HVAC verification · synchronisation and timing support.
- Fault response & maintenance**
Microwave link fault finding and restoration · on-site fault diagnosis · corrective maintenance and defect rectification · preventive inspections · after-hours, regional and remote-area response.
- Upgrades, swaps & decommissioning**
Equipment replacement and swap-out programmes · 4G/5G transmission upgrades · 2G/3G to 4G/5G migration · live network transitions · site audits · decommissioning, recovery and close-out documentation.

Company snapshot

ENTITY	Alpha Communication Services Pty Ltd t/a Alpha Telecommunications
ABN / ACN	97 687 030 057 / 687 030 057
TRADING SINCE	2021
FIELD WORKFORCE	4 technicians
COVERAGE	VIC, NSW, QLD, SA, NT, WA and TAS
VENDORS	Nokia · Cisco · Alcatel · Huawei · Ericsson · TP4100
OFFICE	Kangaroo Flat, VIC 3555
MATERIALS STORE	Tullamarine, VIC 3042 — freight accepted

Safety & compliance

- ✓ Documented WHS Management System
- ✓ Site-specific SWMS on every job
- ✓ Working at Heights and EWP licences
- ✓ RF safety awareness; traffic management where applicable
- ✓ Carrier and site-specific inductions
- ✓ Public Liability and Workers Compensation — Certificate of Currency on request
- ✓ Zero recordable incidents to date

PLATFORMS & INFRASTRUCTURE WE HAVE WORKED ON

Nokia · Vodafone · Optus · Telstra · Ventia · Mirait · Efiniti · TPG

Networks, carrier platforms and infrastructure programmes our personnel have worked on. Listed to indicate field exposure; not a claim of endorsement.

Why award transmission work to Alpha

Field engineers, not labour hire

Scopes are understood before mobilisation — fewer calls back to your engineers mid-install.

Documentation as standard

Photo packs, as-builts and test records arrive complete, so acceptance is not held up by paperwork.

Early escalation

Access, structural and line-of-sight issues are reported from site the same day, so you can re-plan rather than re-book.

Works to your system

Your MOP, your templates, your acceptance criteria — no friction integrating with an existing delivery team.

Have transmission work coming up?

Send a scope of works, a site list or a draft programme. We will come back with availability, a price and any risks we can see in the pack. Compliance documentation for vendor onboarding is available on request.

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