

TRANSMISSION CAPABILITY STATEMENT

Transmission work, **closed out** on the first visit.

Telecommunications field services for carriers, equipment vendors and principal contractors. Microwave and transmission installation, commissioning support, fault restoration, upgrades and decommissioning — delivered by working field engineers, with the site pack completed before we leave.

We Deliver. On Time. On Site. On Standard.

PREPARED FOR

Carriers &
principal contractors

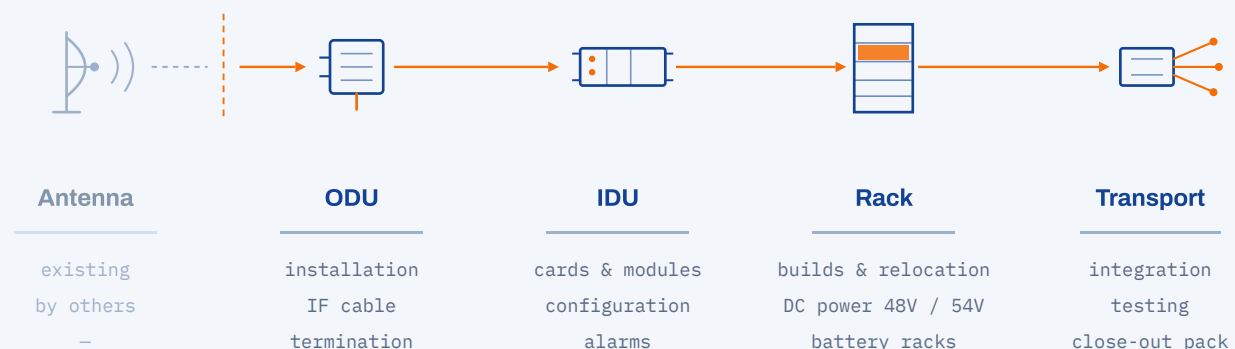
COVERAGE

VIC · NSW · QLD
SA · NT · WA · TAS

DIRECT LINE

+61 410 107 879
alphatelecom.com.au

TRANSMISSION PATH — OUR SCOPE BEGINS AT THE ODU



01

Company
Overview

Field engineers running a field services business.

Alpha Telecommunications is an Australian telecommunications field services company delivering transmission and wireless infrastructure works for carriers, equipment vendors and principal contractors. The company was founded by field engineers with over ten years of hands-on experience in live network environments — the work is scoped, priced and supervised by people who have done it on the tools.

We operate as a subcontract delivery partner. That means we are set up to take a scope of works, mobilise to site, complete the installation or fault rectification to your specification and methodology, and hand back a complete evidence pack — without needing a supervisor from your team standing next to us.

Our transmission work spans microwave links, IP/MPLS and SDH transport equipment, site power and synchronisation, and the integration, testing and documentation that turn installed hardware into a service you can accept.

Most transmission scopes fail on the small things — a missing photo, an unlabelled tail, a torque check nobody recorded. We built our delivery process around closing those out on site.

02

Company
Snapshot

LEGAL ENTITY	Alpha Communication Services Pty Ltd
TRADING AS	Alpha Telecommunications
ABN / ACN	97 687 030 057 / 687 030 057
REGISTERED OFFICE	16 Eldridge Court, Kangaroo Flat, VIC 3555
MATERIALS STORE	Unit 433, 28–32 Carrick Drive, Tullamarine, VIC 3042 (National Storage Tullamarine) — freight accepted
ENGAGEMENT MODEL	Subcontract field delivery — project, programme, day-rate and call-out
CORE DISCIPLINES	Transmission & microwave · Wireless / RF · Fibre optics · QA documentation
FIELD COVERAGE	VIC, NSW, QLD, SA, NT, WA and TAS
VENDOR ECOSYSTEMS	Nokia · Ericsson · Cisco · Huawei
INSURANCES	Public Liability and Workers Compensation — Certificate of Currency on request
SAFETY RECORD	Zero recordable incidents to date
FIELD WORKFORCE	4 technicians
TRADING SINCE	2021

03

What We
Reduce

The risk we take off your programme

- ✓ **Fewer return visits.** Scope confirmed before mobilisation, spares and consumables carried, work closed out in one attendance where site conditions allow.
- ✓ **Less supervision.** Engineers who read a design pack, work to your MOP and escalate the right issues at the right time.
- ✓ **Fewer rework tickets.** Installation standards, labelling and cable dressing done to carrier standard the first time.
- ✓ **Faster acceptance.** Photo evidence, as-builts and test records submitted in your format, not chased weeks later.
- ✓ **Earlier warning.** Site access, structural or LOS problems reported from site the day they are found.
- ✓ **Flexible capacity.** Overflow field resource for peaks, without carrying the headcount between programmes.

04

Project
Delivery

How a scope runs with us

STAGE	WHAT WE DO	WHAT YOU RECEIVE
Scope & readiness	Review design pack and MOP, confirm site access, power availability, cable paths and equipment space	Access and readiness confirmation, early flag on blockers
Mobilisation	SWMS and JSA prepared, permits and inductions confirmed, materials and access equipment arranged	Site-specific SWMS, confirmed attendance date
Installation	Install, cable, terminate and label to client standard and design	Progress updates from site
Test & integrate	Power-up, alarm checks, optical and link testing, integration support with remote teams	Test records and integration confirmation
Rectification	Defects closed on site where possible; anything outside scope raised with photos and recommendation	Defect report with evidence
Close-out	Photo pack, as-builts, red-lines and completion documentation compiled	Site completion pack in your template

We work to client specifications, methodologies and templates. If you issue a site pack format, an installation standard or an acceptance checklist, that is what we deliver against – we do not ask you to accept our paperwork instead of yours.

05

Transmission scopes we deliver

Transmission Capabilities

Capabilities below are grouped by the way transmission scopes are normally packaged and awarded. We can be engaged for a single discipline or for the full site scope.

Site builds

- ✓ New transmission rack installations
- ✓ Transmission rack relocations
- ✓ Battery rack installations
- ✓ Transmission equipment installation
- ✓ Commissioning and testing
- ✓ Labelling to client standard

Transmission equipment & site infrastructure

- ✓ Subrack, card, module and transceiver installation
- ✓ Equipment fit-out in exchanges, shelters and outdoor cabinets
- ✓ DC power distribution and PDU installation
- ✓ DC power system integration – 48V and 54V
- ✓ Cable hauling, routing, dressing, labelling and termination
- ✓ Fibre tails, patching, port mapping and rack fibre management

Microwave transmission — ODU / IDU

- ✓ ODU installation and connection to existing antenna
- ✓ IDU installation, card and module fit
- ✓ IF cable installation, routing and termination
- ✓ ODU and IDU replacement and swap-outs
- ✓ Microwave link commissioning support
- ✓ Configuration and alarm verification

Our scope starts at the ODU. Antenna supply, mounting, feeder and weatherproofing works are excluded.

Commissioning, testing & integration

- ✓ Installation and commissioning support for transmission units, routers and switches
- ✓ Site integration and hand-over to NOC / remote commissioning teams
- ✓ Fibre testing – OTDR traces and optical power / link validation
- ✓ Site alarm verification and HVAC / environmental control testing
- ✓ Synchronisation and timing infrastructure support
- ✓ Test result capture and submission in client format

Fault response & maintenance

- ✓ Microwave link fault finding and restoration
- ✓ On-site fault diagnosis – power, cabling, hardware and alignment
- ✓ Corrective maintenance and defect rectification
- ✓ Preventive and routine site maintenance inspections
- ✓ Emergency and after-hours restoration attendance
- ✓ Remote-area and regional fault response

Upgrades, swaps & modernisation

- ✓ Transmission equipment replacement and upgrade programmes
- ✓ 4G and 5G transmission upgrades
- ✓ Legacy network migration – 2G/3G to 4G/5G
- ✓ Equipment swap-outs and live network transitions
- ✓ Capacity and modernisation works on in-service links

Audit, decommissioning & close-out

- ✓ Transmission site audits and condition inspections
- ✓ Pre-works site surveys – power, cable path, equipment space and access
- ✓ Decommissioning and safe removal of legacy transmission systems
- ✓ Equipment recovery, logistics and environmental compliance
- ✓ Drone-assisted tower and rooftop inspection
- ✓ As-built documentation and project close-out packs

Platforms and environments we have worked across

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.

Our engineers work across the major transmission and transport vendor ecosystems. Vendor names are stated to indicate hands-on familiarity, not commercial endorsement or partnership.

VENDOR / PLATFORM	EQUIPMENT TYPE	TYPICAL TRANSMISSION APPLICATION
Nokia	IP/MPLS routers, transport and microwave platforms	Mobile backhaul, aggregation and transport builds
Cisco	IP/MPLS access and aggregation routers	4G/5G transport and access aggregation
Alcatel	SDH and multiservice transmission nodes	Legacy transmission works and migrations
Huawei	Transmission and transport equipment	Installation, swap-out and upgrade works
Ericsson	Radio and transmission equipment	Site builds, upgrades and integration
TP4100	Network synchronisation / timing platform	Timing and sync infrastructure support

Site environments

- ✓ Greenfield and in-service tower sites

✓ CBD and commercial rooftop installations

✓ Regional monopolies and remote-access sites
- ✓ Telephone exchanges and equipment rooms

✓ Equipment shelters and outdoor cabinets

✓ Data centre and enterprise fibre environments

Programme experience

- ✓ 4G and 5G rollout and upgrade works

✓ Transmission and backhaul deployment

✓ Network migration and equipment swap programmes
- ✓ Site build, integration and commissioning support

✓ Fault restoration and corrective maintenance

✓ Decommissioning and recovery programmes

Reference projects, carrier programme names and client references are available on request and can be supplied under confidentiality for tender and prequalification purposes.

07

Safety &
Compliance**Safe to send to site, and easy to prequalify**

Alpha Telecommunications operates under a documented WHS Management System. Every field activity is carried out under a site-specific SWMS, and we work to the client's safety procedures, permits and induction requirements on every engagement.

Safety management

- ✓ Documented WHS Management System
- ✓ Site-specific SWMS on every job
- ✓ JSA and pre-start risk assessment on site
- ✓ Compliance with client and site-specific safety procedures
- ✓ Zero recordable incidents to date

Field competencies

- ✓ Working at Heights
- ✓ EWP operation licences where required
- ✓ RF safety awareness
- ✓ Traffic management where applicable
- ✓ Carrier and site-specific inductions
- ✓ Construction industry white card — all field personnel

Insurance & prequalification

- ✓ Public Liability insurance — Certificate of Currency on request
- ✓ Workers Compensation coverage
- ✓ Available for registration on client vendor prequalification platforms

Documentation available on request

- ✓ Certificate of Currency (Public Liability)
- ✓ WHS Management System overview
- ✓ SWMS templates
- ✓ Engineer certifications and licences
- ✓ Company profile and capability statement

08

Equipment &
Field
Readiness**Mobilised to work, not to wait**

Our crews attend site equipped to complete the scope. Where a scope requires specialist test equipment, EWP hire or traffic control, we arrange it as part of mobilisation and confirm it with you before the attendance date.

- ✓ **Vehicles.** Brand new 4x4 ute and van — equipped for metropolitan, regional and remote-site attendance.
- ✓ **Access equipment.** Height access and EWP arranged to suit the structure and scope.
- ✓ **Fibre test equipment.** OTDR and optical power meter / light source for link validation.
- ✓ **RF and transmission test equipment.** Held for link verification and fault diagnosis.
- ✓ **Torque and installation tooling.** Held for ODU, equipment and rack mounting works.
- ✓ **PPE.** Full site PPE including height safety equipment, maintained and in-date.
- ✓ **Materials store.** Secure storage at Tullamarine for materials and spares, with facility staff able to receive freight while crews are on site.
- ✓ **Documentation.** Digital site reporting and photo capture completed on site.
- ✓ **Remote readiness.** Crews equipped and provisioned for long-distance and remote deployments.

09

Why
Alpha

Why award transmission work to Alpha

WHAT WE BRING	WHAT IT MEANS FOR YOUR PROJECT
Field engineers, not labour hire	Scopes are understood before mobilisation, so fewer calls back to your engineers mid-install.
Transmission specialisation	Microwave, transport and site power works handled by people who do them regularly, not occasionally.
4G/5G upgrade experience	Comfortable working on in-service sites, live transitions and swap programmes.
Documentation as standard	Photo packs, as-builts and test records arrive complete — acceptance is not held up by paperwork.
Early issue escalation	Access, structural and LOS problems 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 us into an existing delivery team.
Flexible mobilisation	Short-notice attendance across metro and regional areas for overflow capacity and fault response.
Stable field workforce	Engineers are paid within 30 days and compensated for cancelled attendances — which is why the same crews keep turning up to your sites.

10

Typical
Engagements

How clients engage us

- ✓ Transmission deployment projects
- ✓ Microwave link installation programmes
- ✓ Network upgrade and modernisation programmes
- ✓ 4G/5G transmission upgrade works
- ✓ Site upgrade and conversion programmes
- ✓ Equipment replacement and swap-out campaigns
- ✓ Corrective maintenance and defect rectification
- ✓ Fault response and emergency restoration
- ✓ Site remediation and audit rectification
- ✓ Regional and remote deployment programmes
- ✓ Decommissioning and recovery works
- ✓ Overflow field engineering capacity

11

Geographic
Coverage

Where we deploy

Alpha Telecommunications is based in Victoria and deploys field crews across **VIC, NSW, QLD, SA, NT, WA and TAS** — from CBD rooftops to remote regional towers.

Victoria is our home state and our fastest response region. Interstate and remote deployments are mobilised on a project and programme basis, with travel and accommodation scoped up front so there are no surprises on the invoice.

We hold a secure materials store in Tullamarine, close to Melbourne Airport. Client and vendor freight can be consigned there and received by facility staff without waiting on a crew to be off site — useful where equipment needs to land before a mobilisation date.

Have transmission work coming up? Let's scope it.

Send us a scope of works, a site list or a draft programme and we will come back with availability, a price and any risks we can see in the pack. If you need us on your approved vendor list first, ask for the compliance bundle and we will return it the same week.

We Deliver. On Time. On Site. On Standard.

12

Contact

CONTACT

Enoch Jason

Director and Field Engineer

PHONE

+61 410 107 879

EMAIL

enoch@alphatelecom.com.au

WEBSITE

www.alphatelecom.com.au

LINKEDIN

linkedin.com/company/alpha-telecommunications

BUSINESS ADDRESS

16 Eldridge Court

Kangaroo Flat, VIC 3555

MATERIALS STORE

Unit 433, 28–32 Carrick Drive

Tullamarine, VIC 3042 – National Storage
Tullamarine

ABN / ACN

97 687 030 057

ACN 687 030 057

ENTITY

Alpha Communication Services Pty Ltd

Trading as Alpha Telecommunications

13

Next Step

- ✓ **Need a price?** Email the scope and site list — we will respond with availability and a rate.
- ✓ **Need us prequalified?** Request the compliance bundle: Certificate of Currency, WHS system overview, SWMS templates and engineer certifications.
- ✓ **Need crews this week?** Call the direct line above for short-notice and fault response attendance.

