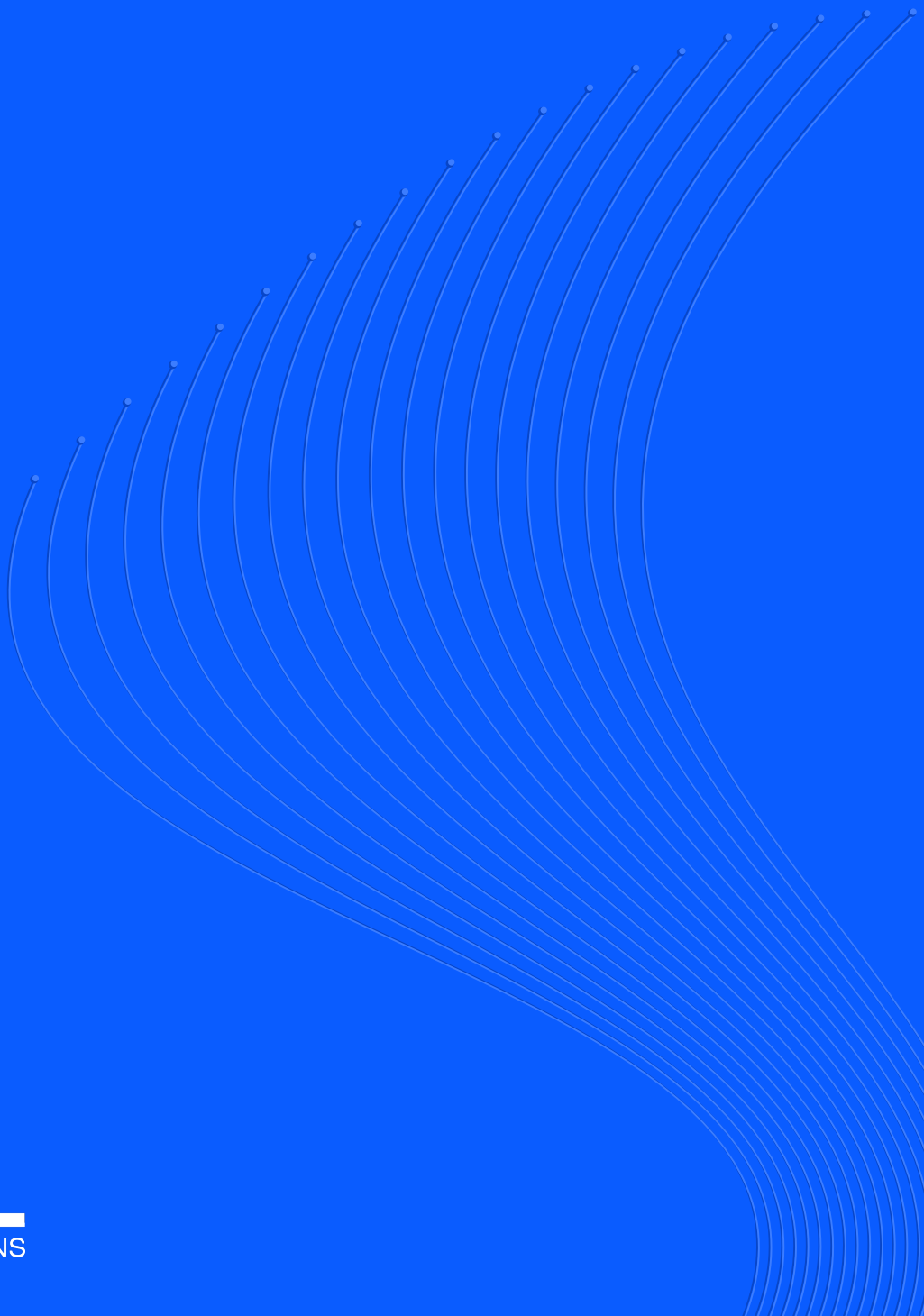
CAPABILITY STATEMENT.

Telecommunications infrastructure
and construction management



DANTEL
COMMUNICATIONS

WE ARE DANTEL.

Dantel delivers integrated telecommunications infrastructure, from survey and design through civil construction, directional drilling, cable installation, splicing, testing and handover.

One accountable delivery team manages construction methodology, programme, site coordination, safety, quality and specialist delivery partners.

Established in 2018, we operate from Queensland and New South Wales, with crews mobilising nationally. We support carriers, principal contractors, data centre delivery partners and infrastructure owners.

Our work spans recurring network construction and maintenance, technically demanding programmes and complete turnkey builds. Engage Dantel for a specialist package, an integrated build or ongoing delivery.



FROM DESIGN TO CIVIL WORKS.

Construction planning, programme control, site supervision and quality management connect each stage of delivery.



SURVEY AND NETWORK DESIGN

Field inspections, route selection, Telstra DCAF surveys, inside-plant and outside-plant network design, CAD and network records. As-built and as-constructed documentation supports commissioning and asset handover.

CIVIL CONSTRUCTION AND DIRECTIONAL DRILLING

Utility locating, ground-penetrating radar, vacuum potholing, pit-and-pipe installation, trenching, rock excavation and non-destructive digging. Dantel manages specialist delivery partners, reinstatement and environmental remediation. Licensed asbestos removal is coordinated where required.



FIBRE DELIVERY.

CABLE PROVING AND INSTALLATION

Rod-and-rope proving, subduct and bare-fibre hauling, underground and internal cable installation, blowing and overblowing. In-house equipment supports individual connections through to regional routes.

TESTING AND COMMISSIONING

Bidirectional OTDR, insertion-loss and optical-power testing, connector inspection, MPO/MTP testing and fault location. Certification, commissioning workbooks and network records form part of the completed handover.

FIBRE SPLICING AND PATCHING

Single-fibre and loose-tube splicing, ribbon and mass-fusion splicing, high-density formats, wallbox and LGX terminations, live-network cutovers, migrations and patching. Specialist experience includes AFL Spider Web, Prysmian rollable ribbon, aerial ADSS and OPGW, and submarine cable splicing.

MAINTENANCE AND RESTORATION

High-volume carrier construction, connections, cutovers and relocations. Preventive and reactive maintenance includes outage management, emergency splicing and restoration. Contracted on-call maintenance and 24/7 fault response are provided under agreed coverage and escalation pathways for each maintenance contract.

NSW & DATA CENTRES.

Our Thornleigh team combines specialist data centre experience with daily carrier construction and maintenance.

Dantel supports hyperscaler customers through appointed principal contractors and delivery partners. The team covers high-count installations, demanding test requirements and controlled site programmes.

Clients can access specialist data centre skills alongside the hauling, network construction and restoration resources needed beyond the facility boundary.

HIGH-COUNT FIBRE

Stranded, ribbon and mass-fusion splicing, including AFL Spider Web and Prysmian rollable ribbon. Tie-cable experience up to 6,912 fibres, with ribbon and stranded teams deployed concurrently where required.

70,000+ FIBRE CORES

Spliced and tested over three months on a hyperscale ribbon programme. Delivered as a specialist subcontractor through an appointed delivery partner, with full bidirectional OTDR and insertion-loss testing.

INSTALLATION AND CERTIFICATION

Data centre interconnections, backbone cabling, terminations, cutovers, migrations and fibre audits. Bidirectional OTDR, insertion-loss certification, 12-channel MPO/MTP testing and fibre end-face inspection.

20,000+ FIBRE CORES

Completed in 30 days on a data centre splice-and-test programme, with stranded and ribbon formats deployed concurrently and test certification issued to the end operator's acceptance requirements.



PROGRAMME EXPERIENCE.

Recurring network works and technically demanding programmes, delivered at scale.

40+

Clients served

FY2025/26

600+

Projects and work packages

Delivered in FY2025/26



Dantel crews and metropolitan network delivery.

80+

Runs of AFL Spider Web ribbon cable, 864 fibres per cable

Spliced, tested and certified on a specialist data centre programme through appointed contractors and partners. Required controlled handling, mass-fusion capability and consistent test reporting.

CRITICAL NETWORKS.



CARRIER PANELS

Direct construction and maintenance panels for Vocus and TPG/Pipe Networks, alongside relationships with Aussie Broadband, Superloop, NextHop, PlusES and Ausconnex. Connections, high-count jointing, cutovers and fault restoration across Queensland and NSW.

REGIONAL CONNECTIVITY

As a direct QCN panel member, Dantel has delivered more than 50 km of turnkey fibre on QCN/CopperString programmes: design, civil construction, hauling, splicing, testing and as-built records in regional and remote conditions.

CARRIER BACKBONES

Optus, NBN and Telstra network delivery through tier-1 partners including Service Stream and Ventia. Experience includes NBN construction, wideband services, IEN and Intercap backbones, long-haul installation, jointing and testing.

TRANSPORT AND ENERGY

NSW rail and tunnel works; long-haul routes in South Australia, the Northern Territory and Western Australia; extended-distance OTDR analysis. Direct Powerlink and Yurika work includes transmission upgrades and wind-farm fibre, supported by OPGW, ADSS and utility experience.

OUR PEOPLE.
OUR DELIVERY.

35 full-time staff and 25 specialist contractors.

Dantel self-performs core hauling, splicing and testing, and manages civil construction and directional drilling through specialist delivery partners. Construction management covers planning, methodology, programme control, subcontractor coordination, site supervision, safety, quality and handover.

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01 SCOPE AND ACCEPTANCE

Review the route, network environment, interfaces and required handover standard.

02 PLAN AND MOBILISE

Coordinate methodology, programme, crews, plant, access, permits, SWMS and testing requirements.

03 BUILD AND INSTALL

Coordinate site activities and supervise civil works, hauling, jointing, patching and reinstatement against the agreed scope.

04 TEST AND VERIFY

Track production against the programme, complete specified tests and rectify defects before sign-off.

05 DOCUMENT AND SUPPORT

Compile certification and asset records for handover, with ongoing maintenance where contracted.

THE HANDOVER PACK

PDF OTDR and insertion-loss certification, commissioning fibre workbooks, network certification, and as-built and as-constructed records.



ASSURANCE.



CERTIFIED SYSTEMS

Our Integrated Management System is certified to ISO 9001, ISO 14001 and ISO 45001, supported by Cm3 contractor prequalification.

Project controls include risk assessments, SWMS, competency and induction records, quality checks, test records and environmental controls. Civil works include reinstatement and remediation within the agreed scope.

COMPETENCIES AND ACCESS

ACMA cabling credentials, telecommunications qualifications, NSW ASP Level 1 accreditation, Telstra EAC and duct-access credentials, NBN enablement and rail inductions.

Field competencies include confined-space work, elevated work platforms, traffic control and first aid. Data centre access and inductions are managed against each site’s requirements.

NATIONAL MOBILISATION

Daily operations are centred on Queensland and New South Wales. Crews also mobilise regionally, remotely and interstate, with experience in far-north and remote Queensland, far-west NSW, the ACT, South Australia, the Northern Territory and Western Australia.

PROJECT ENQUIRIES.

For a project package, construction panel, maintenance contract or prequalification enquiry, send the location, scope, programme and available drawings or cable schedules. We'll connect you with the appropriate technical contact.

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Existing maintenance clients should use the fault-response and emergency contact pathway agreed under their contract.

DANTEL COMMUNICATIONS

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