



Telstra InfraCo Network Building Colocation

Shape your network to match your customer footprint



Telstra InfraCo Network Building Colocation is designed for ISPs, resellers and organisations who offer services in specific geographic areas or who want greater control over backhaul network performance and location. By colocating your equipment in our fixed network sites, you can create a backhaul network with reduced latency, closer to your end users.

With secure, scalable rack spaces and power in locations with 100+ points of interconnect across Australia, you can connect directly to one or more locations. Add in our expansive connectivity options, and Network Building Colocation makes it easier for you to tailor your data infrastructure to your business and user base.

Features of our solution



Direct network connection points across Australia

Colocate your network infrastructure in our 100+ key fixed network sites which have points of interconnect, giving you more control over network performance.



Rack and power options tailored for ISPs and resellers

Choose from hosted 600x600 or 600x1000 rack sizes or BYO rack. Power options range from 0.5kW to 3kW depending on rack sizes.



Flexibility to scale with your business

You can increase the number of Network Building Colocation racks as your customer service area grows.



Security is built in

Put equipment into secure, alarmed enclosures. Each half rack or full rack is lockable and has an alarm system to pick up event contact closures.

Reasons to partner with us



Colocation sites throughout Australia

We have thousands of fixed network sites across Australia and we are opening up key sites for customers to use at the edge with their choice of network provider.



Existing connections to more places

Connect your site to assets including a network of over 250,000 kilometres of fibre, links to 133 third party and Telstra owned Australian data centres, and 400,000 kilometres of sub-sea cables.



Field teams around Australia

We support your business with our comprehensive operations team throughout Australia.



Decades of infrastructure expertise

Our decades of experience in infrastructure design, construction, customisation, protection and project management tells us what works on the ground.



Intercity rollout

We are building a new high capacity, ultra-low latency intercity network. New dual terrestrial fibre paths will boost intercapital and regional capacity to support the anticipated growth in bandwidth over the next 25+ years. Our new intercapital fibre will increase existing capacity and enable business on the world-stage with high-speed, ultra-low latency connectivity with target transmission rates up to 650 Gbps – six times the common rate of 100 Gbps today.



Carrier neutral

Our facilities are carrier neutral so you can mix and match connectivity to suit your requirements.



Complex program management

We provide the capabilities, resources and experience to deliver large scale telecommunications projects. Our complex program management team helps cover requirements across safety and the environment, program and contract management, master scheduling, quality management and field supervision, as well as offering dedicated nationwide support.

Access our diverse set of network infrastructure building blocks throughout Australia.

We offer everything you need to build your infrastructure your way, from equipment rooms and data centres to fibre and internet connectivity.



Technical overview

Rack options

- Equipment rack colocation:
 - Choose from 600mm W x 600m D, 600mm W x 1000mm D footprint
 - Choose a half height rack or a full height rack. Usable space in each half rack is 14 rack units, or 34 rack units for a full height rack

Power and cooling

- Power allocation options range from 1kW for a bottom half rack to 3kW for a full rack
- Racks have DC power as standard. AC power can be accommodated if you purchase and install an approved AC inverter
- Power included in rates, unless BYO option is chosen
- Front-to-top cooling

Security

- Each half or full rack is lockable. Electronic lock
- Each half or full rack has a 72 fibre management sub-rack (SDP)
- Each half or full rack has a power distribution unit and alarming system
- Each half or full rack has a mesh door and solid rear door
- Rack rails will be set to 19 inch front mount and rear mount



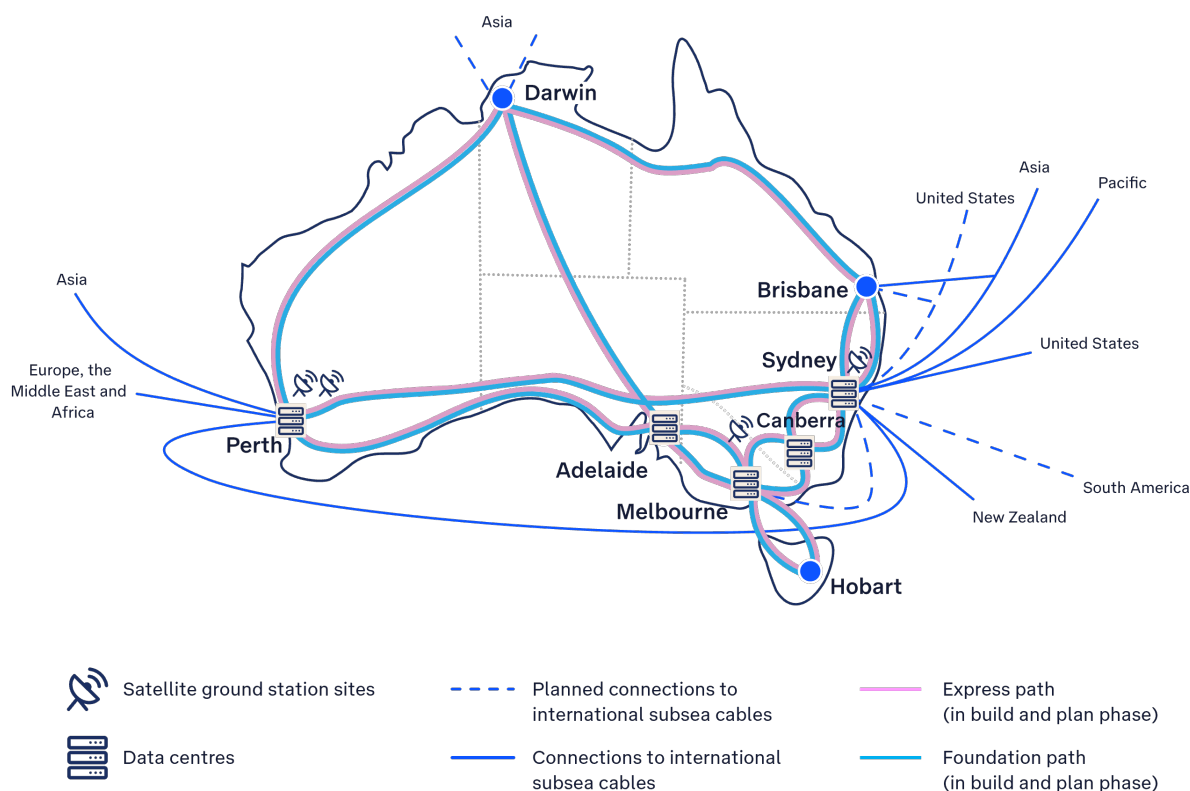
Sustainability

- Located in exchange buildings, cooling environment (varies by site)
- Our Energy Reduction Program is nationally recognised, including winning the 2022 Leading Energy User award and the 2024 CommsDay Best Sustainability Initiative award

Additional Services

- Cross connects
- Options to bundle with other Telstra services (e.g. lit or dark fibre, data centres)

Our digital infrastructure footprint



For more information visit infraco.telstra.com.au or contact your Telstra account team