



# Telecommunications

Transfield Services has the expertise to provide an end-to-end service to the telecommunications industry. From facilities management and maintenance services through to the design, engineering and deployment of major communication infrastructure projects. Backed with 24-hour support, we'll keep you connected.

## ► Our Services

- Facilities management, asset management and maintenance
- 24-hour emergency response services
- Installation and repair of domestic and commercial telephony and data communications
- Design, installation and maintenance of tower and antennae structures
- Information and Communication Technology (ICT) business solutions including LANs, structured cabling and WiFi
- Project management of major and minor sustaining capital works services
- Subcontractor management
- Business process outsourcing services, and
- Network and service solutions, covering risk management, engineering and cable location services.

## ► Our Value

- Flexible and innovative solutions to improve network reliability
- Technically skilled and mobile workforce
- Solutions that are innovative and tailored to client's needs
- Improved network reliability
- Robust systems, processes and reporting, and
- Strategically aligned objectives.

## ► Our Business Relationships

### Australia

Telstra  
Vodafone

### New Zealand

Chorus  
Transpower



## ► Our Business Relationships

### Australia

#### Telstra, Australia-wide

Transfield Services provides facilities management services to Telstra's network through our joint venture company, Sentinar. The name comes from sentinel, meaning 'to guard' and sentina, meaning 'vigilance'. The joint venture aims to guard and protect Telstra's network infrastructure.

The Sentinar joint venture combines Transfield Services' facilities management expertise with Silcar's telepower services, demonstrating our ability to work in partnership to seek a more innovative and client-focussed solution to improve Telstra's business.

Transfield Services' scope of work includes breakdown maintenance, preventative maintenance, minor improvement works, management of capital works, property management and associated services. Our 24-hour service covers all buildings, exchanges, satellite tracking stations and mobile base stations in regional and remote sites.

Transfield Services has extensive experience in the provision of sustaining capital works and maintenance services for telecommunication customers access networks. Capabilities include:

- network construction and rehabilitation including works required for new housing developments
- design and deployment of copper and fibre networks to support faster internet services
- installation and commissioning of large-scale multiplexing technologies, and
- installation and maintenance of domestic and commercial telephony and broadband services.

Protecting the environment is important to Transfield Services and the communities in which we operate. As a result of its partnership with Transfield Services for their Energy Management Plan, Telstra achieves ongoing savings of \$1.5 million and 21,000 tonnes of greenhouse gas per year. Transfield Services' energy management team provides a comprehensive report to Telstra to confirm savings and the achievement of continuous improvement initiatives.

In North Queensland, we work closely with Telstra to ensure the protection and preservation of the world heritage-listed Wet Tropics, an area extending from Townsville to Cooktown. This focus includes waste management procedures for weed wastes, herbicide application and recording procedures, environmental management and access road management.

#### Vodafone, Australia-wide

To better focus on its core operations, Vodafone has outsourced its property and facilities management in Australia to Five D – a joint venture between Transfield Services and Colonial First State Property. Services include asset management, lease management, accommodation services, property management and corporate services across Vodafone's national portfolio, including office space and their critical mobile telephone exchanges.

### New Zealand

#### Chorus, New Zealand-wide

Transfield Services provides maintenance and construction services for approximately a third of the fixed line network of Chorus, Telecom New Zealand's operationally separated lines business. To ensure efficient customer service, Transfield Services has a proven and highly effective management plan detailing procedures from the initial call request, priority establishment and service delivery through to payment of invoice on completed work through its centralised service centre. As part of the ten-year Field Services Agreement with Chorus, Transfield Services provides a complete range of internet, data, voice, mobile and fixed line calling services together with 24-hour fault response service. With a commitment to customer service and ensuring Chorus network reliability, Transfield Services has streamlined its work management processes using mobile data technology and implementing an information and communications technology (ICT) solutions strategy to reduce network faults.

#### Transpower, New Zealand-wide

Transpower owns and operates New Zealand's high-voltage electricity transmission network, linking generators to distribution companies and major industrial users. Transpower also operates New Zealand's largest private telecommunications network in New Zealand. Transfield Services provides new equipment installation, maintenance and fault repairs for more than 40 per cent of this telecommunications network. Our services include:

- installation and commissioning of pliesochronous digital hierarchy (PDH) and synchronous digital hierarchy (SDH), technology which supports the transport of large quantities of data over fibre optic and microwave radio systems
- design and installation of fibre optic cable networks
- installation and commissioning of power supply, alarm and systems control and data acquisition systems (SCADA), and
- installation and commissioning of protection signalling systems, which detect network failures for immediate repair.



For further information please contact:

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