



**WARREN & BROWN
TECHNOLOGIES**



Corporate Profile & Capability Statement

Issue 1.4, 2019



Product Design & Manufacturing

innovative & world leading solutions

Fast Product Development Cycle

weeks not months

Technology Leadership

telecom, data centre & enterprise networks



Proven Track Record

official supplier to NBN & Telstra

Quality Products & Systems

ISO 9001 third party certified

Supply Chain Management

progressive logistics solutions



About Warren & Brown

Warren & Brown Technologies (WBT) was originally established in 1921 as a tool-making factory in Melbourne, Australia. Since then, the company has evolved to become a leader in precision tools and telecommunications network connectivity infrastructure.

WBT has remained wholly Australian owned and operated for over 97 years. This commitment to the local design, manufacturing and technology industry has created hundreds of jobs and world leading solutions.

The main facility in Maidstone, Melbourne currently comprises of over 48,000sqm of office, manufacturing, R&D and warehouse space. In addition, WBT has expanded operations to include a presence in other states around Australia.

**EST.
1921**



**200+
employees**

6 Sales offices



Recently the company has also expanded its global reach by opening up many regional offices and manufacturing facilities. These operations are overseen and integrated with WBT Australia.

The professional WBT team continues to lead the way in designing and manufacturing telecommunications hardware products, which have been deployed in countless networks around the world, as well as providing network design and installation support.

We pride ourselves on being a global leader in the supply and manufacture of optical fibre and copper communications equipment, as well as torque setting equipment for automotive and industrial applications.

Innovative designs, attention to detail and a willingness to go above and beyond the requirements of our customers is what establishes WBT as the industry benchmark.

As we look towards the exciting and dynamic future of the telecommunications and industrial industries, our history and experience gained over the last 97 years ensures that we are well equipped for the challenging times ahead.

3 manufacturing facilities



**Australian owned
& operated**



**Worldwide
distribution**

The WBT Difference

Warren & Brown Technologies is a global leader in the design, manufacture and supply of telecommunications network connectivity infrastructure and precision tools.



Why?

Because we don't believe in network downtime, anywhere and at anytime!

We believe that every global business and community should have a reliable and fast network to thrive in a connected world.

How?

- Innovation on demand
- Technology partnerships
- End-to-end design, manufacturing and logistics solutions
- Unrivaled customer service & experience
- Building strategic partnerships



Our Capabilities

As an innovative company, Warren & Brown Technologies is committed to designing and developing new solutions, as well as striving to go above and beyond to meet and exceed the needs of our customers. With state of the art facilities, manufacturing plants and an agile R&D department, we have a fast product development cycle to produce solutions in weeks, not months.

Being a supplier to the major telecommunications network operators in Australia and around the world for over 32 years, we have been recognised for our expertise in the telecommunications industry by being selected as an official supplier to the Australian National Broadband Network (NBN). In addition to being a long-term supplier to Telstra, other leading carriers and for many structured cabling networks.

We provide the ideas and solutions behind the telecommunications infrastructure which powers our connected society. By investing in new technologies such as 3D printing, WBT is able to offer innovative manufacturing, solution design and deliver new concepts.

Our extensive global operations experience, enables us to work closely with our customers to establish highly efficient methods of delivery to help reduce costs and mitigate the risk of project delays.

WBT has a proven track record of providing quality service and fast delivery lead times for major projects & contracts with thousands of individual products worldwide, as well as working closely with our consulting and integration partners to deliver data centre and enterprise network projects.



ICT solution design - 3D printing & prototyping, product development, design & support

Data centre, enterprise & telco network expertise

High-tech fibre termination, sheetmetal, plastic extrusion & product assembly

Fully customised solutions

E-commerce websites - fast, secure & convenient online shopping

Customer support service - ongoing technical support, WB TelAssist App

Mass-scale warehouse & distribution facilities



Our Global Operations

Our network of sales representatives and technical specialists are based in key markets across the globe, allowing for greater technical support, engagement and increased product development, benefiting network operators worldwide.

In addition to our global sales offices and world-class production facilities in Australia, we have manufacturing facilities in another 2 countries, allowing for faster production and delivery times.

Through a global distribution network, WBT ensures supply of quality products, providing fast, flexible solutions that can reach markets across the world.



WB Sales Offices

- Australia
- New Zealand
- Philippines
- Vietnam
- India
- Europe (Netherlands)

WB Distributors

- North America
- South America
- UK
- Europe
- Asia
- Middle East

WB Manufacturing Facilities

- Australia
- New Zealand
- Philippines

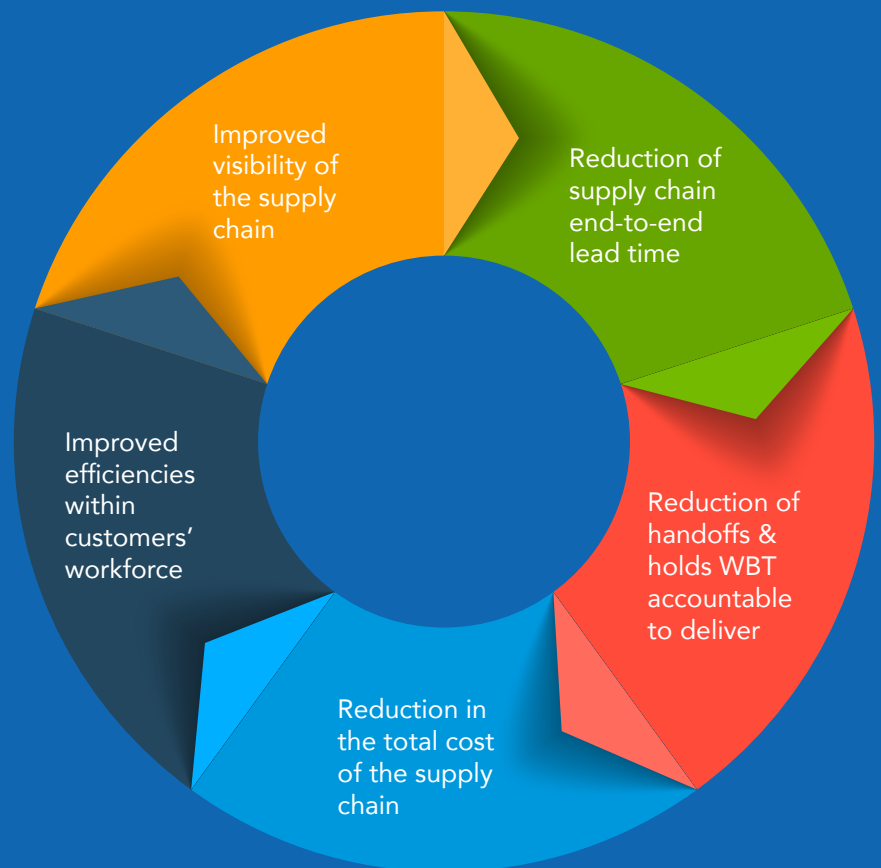
Direct to Site (DTS) Logistics

We understand that customers are expecting more from their suppliers, and as such WBT now provide a logistics service called Direct to Site (DTS). DTS is a complete end-to-end solution where goods are sourced, manufactured/assembled/part-assembled/kitted, stored and delivered directly from our warehouse facilities to a customers' workforce or installation locations both locally and internationally.

WBT brings extensive global operations experience, enabling us to work closely with our customers to establish highly efficient methods of delivery which help reduce costs and mitigate the risk of project delays.

The DTS solution offered by WBT provides sustainable savings to customers through better procuring, improved inventory management, workforce efficiencies, agile freight, speed to user and mitigated risk.

Our vision is to provide an end-to-end supply chain experience that surpasses competitors' and customers' known logistical possibilities. WBT is changing the traditional supply chain by harnessing innovation and proven practices to create a simplified, agile, cost-effective solution that exceeds our customers' expectations.



Markets We Service

Renewable Energy

High quality products and solutions for the renewable energy sector (solar, wind & power generation plants), including solar cable assemblies, custom metal enclosures, solar panel mounting hardware and various accessories.

Data Centre

A range of optical fibre ducting raceway, MTP®/MPO connectivity and optical fibre and copper cabling solutions are used in many Data Centres. These innovative products provide reliable connectivity, improved network performance and reduced network downtime.

Automotive & Industrial

A large range of specialised torque wrenches and hand tools for automotive and industrial applications.

Buildings & Enterprise

The HypaConnect ICS has been designed to provide reliable connectivity for many of today's high speed applications and includes copper & optical fibre products, all backed up by a leading warranty program.



Telecom Carrier (Internal & External Plant)

A full range of optical fibre & copper connectivity solutions to meet the challenging demands of carrier networks. Thousands of external and internal plant solutions are provided on a weekly basis to some of the world's largest telcos.

Harsh Environments

Our products are designed and manufactured to provide the necessary performance, ruggedness and durability to support the most demanding applications in Mining, Military & Defence and Broadcast industries.

4G / 5G Mobile / Wireless Networks

A full range of hybrid optical fibre and power cable assemblies and enclosures providing a true cost saving benefit for network operators. The hybrid connectivity solution simplifies installation and maintenance.

In addition to supplying infrastructure for 3G/4G wireless networks, WBT are working closely with international telco suppliers on the upcoming 5G network builds.

Direct to site

Direct to Site (DTS) is about reducing the touch points of goods that are provided to a customers' mobile workforce, reducing lead times and consolidating deliveries.



Our Products

Optical Fibre Products

Our extensive range consists of Optical Distribution Frames, Subracks, Patch Panels, Patch Cords, Ducting Raceway as well as a complete range of FTTH solutions including wallboxes, closures and distribution hubs.

Copper Structured Cabling

A full range of LAN cable, field terminate plugs, modular jacks, patch panels, outlets, floor distributors and patch cords.

MTP®/MPO Connectivity

HypaFOX is our MTP®/MPO optical fibre solution for Data Centres, offering the perfect balance between density and usability.

Fibre Optic Ducting Raceway

A unique system for routing and protecting fibre optic cords between termination equipment, patch panels and splicing cabinets or frames.

Expanded Beam Technology

Our range of expanded beam technology includes connectors & cable assemblies.

Cable Assemblies & Custom Enclosures

We offer full design, engineering and manufacturing solutions.

Our Technology

WB TelAssist App

The WB TelAssist App has been specially developed for technicians, contractors and sub-contractors who install and maintain products in the Australian telecommunications network.

We've combined all technical resources including product guides, installation guides, safety data sheets, training videos and customer support into a single, easy to use app.

With new products, training videos and additional content continually being added, providing users with even more great features, the app remains an indispensable tool for users of WBT telecommunications network connectivity infrastructure.

WB TelAssist is compatible with Android and IOS devices and is free to download from the Google Play and Apple App Stores.



WARREN & BROWN NETWORKS



'Hypa' Partner Program

- Network design, consultation, integration & project management support
- 25 year certified site warranty
- Technology leadership & best practice deployment as per the latest ICT standards





WARREN & BROWN TOOLS

Torque Wrenches

Large range of torque wrenches including deflecting beam, micrometer, screen, dial type, digital and interchangeable head.

Hand Tools

An ever-growing range of wrenches, spanners, pliers, shears, deburring tools, hex keys, multimeters, gloves and accessories.

Soldering Irons

A great range of quality tools designed for the professional, including soldering irons, soldering stations, soldering guns and etching equipment. A large list of spare parts and accessories also available.

Automotive Service Equipment

A large range of equipment designed for the automotive industry, includes leak detectors, squeak & rattle finders, cooling system test equipment, cylinder head reconditioning equipment, valve seat grinding wheels, sump plugs, thread repair taps, drill bits and much more.

Workshop Equipment

Includes drain plug repair kits, thread repair kits, o-ring sets and more.

Wheel Torque Setting Equipment

Thin wall deep impact sockets, extension bars, wheel torque socket sets.

E-commerce websites

We've recently launched new e-commerce websites for both our WB Networks and WB Tools brands.

The newly designed sites have a fresh look and feel, creating a user-friendly browsing and shopping experience for our valued customers and business partners.

Customers have access to over 3,000+ quality products, express delivery options, secure payment methods, live chat, discounted pricing and ongoing specials and promotions for the Australian market.

wbnetworks.com.au

wbtools.com.au





+61 3 9317 6888
sales@warrenandbrown.com.au

Warren & Brown Technologies Pty Ltd
108 Mitchell Street
Maidstone VIC 3012 Australia

warrenandbrown.com.au