

Research Dossier: TPG Mobile

Country

Australia

Company Name

TPG Telecom Limited

Ownership Type

Publicly Traded Company

Website

<https://www.tpg.com.au>

MNC

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Company Overview

TPG Telecom is a telecommunications service provider operating in Australia. The company was founded in 1986 then as Total Peripherals Group, becoming the second largest Australian telecommunications player following a series of mergers in the acquisition of brands including AAPT, B Digital, Chariot, iiNet, and Soul.

While traditionally a fixed line infrastructure service provider, the company secured spectrum in the 2600 MHz band in a 2013 government auction, 10 MHz paired 700 MHz spectrum in April 2017, and portions of 1800 MHz spectrum in December 2017. TPG has historically provided TPG Mobile services under an MVNO agreement with Vodafone, however has begun rollout of a 4G LTE-only network operating over B7 (2600 MHz) and B28 (700 MHz) bands.

Network construction was halted in late January 2019 following the ban of Huawei equipment from Australia after the United States initiated measures to restrict market access for Chinese firms, citing espionage risk.

In August 2018 VHA and TPG Telecom announced merger plans in order to increase competition with rival MNO's Telstra and Optus, and provide a JV framework for the November 2018 5G spectrum auction.

▼ 4G LTE Network Information

Details on LTE network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Evolution	LTE Advanced (LTE-A)	Status	Planned
Max. MIMO	2x2 MIMO	Max. Modulation	64QAM
Carrier Aggregation	-	Features	VoLTE
LTE Band	Channel Width	Status	
B7 (2600 MHz)	10 MHz	Planned	
B28 (700 MHz)	10 MHz	Planned	

Services Available

Field Technical Services

As specialists in 3G, 4G, and 5G cellular technologies, our R-Spectrum team provides in-country technical services to most regions around the world. Operating on a contract basis we are often sent to remote and isolated regions to assist companies in establishing voice and data communications.

RF Coverage Modelling & Planning

Through our R-Spectrum team, we help our clients visualise and understand mobile signal issues by offering a range of radio frequency modelling services for 2G GSM, 3G UMTS, 4G LTE, and 5G NR cellular technologies. The first step to solving any problem is to understand the problem.

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