Colocation

TELSTRA

A secure, scalable and cost-efficient pathway to cloud

Business and enterprise have traditionally used third-party data centres to host IT equipment, delivering security, cost and operational benefits.

With many public cloud platforms now residing in data centres, businesses and enterprises are increasingly connecting to data centres to build a private connection to their public cloud providers.

Annual global cloud IP traffic is set to reach 19.5ZB by end of 2021 from 6.0ZB in 2016, and will account for 95% of total data centre traffic[1].

Benefits

Enhance your end user experience

Telstra's geographically diverse portfolio of data centres keeps your applications close to users in key global markets for a better user experience. All data centres are connected via Telstra's high-speed networks and cable system with a broad choice of layer 2/3 services and low-latency connectivity for enhanced application performance.

Improve operational efficiencies and enable lower infrastructure costs

Telstra Colocation empowers your organisation to consolidate data centre assets and helps reduce costs. Moving to a Telstra data centre will eliminate many of the upfront expenses associated with setting up and maintaining your own facility.

Each of our data centres are equipped with security, resilient power and cooling systems, and are certified and compliant to multiple industry standards. Our deep experience in data centre management, as well as our local sales, support and billing resources in each market free you to focus on the core business.

Easy cloud deployment

By colocating with Telstra, your organisation can help realise the many benefits of the cloud and keep your mission-critical infrastructure secure. We can host your organisation's private cloud in any of our 58 global data centres around the world.

You can also connect to other data centre providers and public clouds through Telstra Programmable Network (TPN). TPN is a Software-Defined Networking platform that connects you to a dynamic list of data centre and cloud service providers. It offers scalable bandwidth and virtualised network functions with the flexibility to adjust as your cloud requirements grow. Together, our data centres and TPN allow you to optimise your hybrid cloud environment.

Telstra's expert cloud consultants can also guide you in every step of the way, from design to transformation and operation.

Features

Choice of 58 global locations

Allows you to colocate your equipment at key global telecommunications hubs in the Asia Pacific region (including China), Europe and the Americas – close to your users.

Connectivity options

In addition to Telstra's extensive connectivity options, our data centres are also interconnected with multiple domestic and international carriers that you can choose from.

[1]Cisco Global Cloud Index: Forecast and Methodology, 2016-2021

Stringent security

Our data centres are equipped with multiple security features for a safe hosting environment. Visitors are required to register prior to their visit and will need to complete a two-factor (card and biometric/PIN) authentication process before entering the premises. CCTVs are also fitted inside our data centres for security monitoring and review purposes.
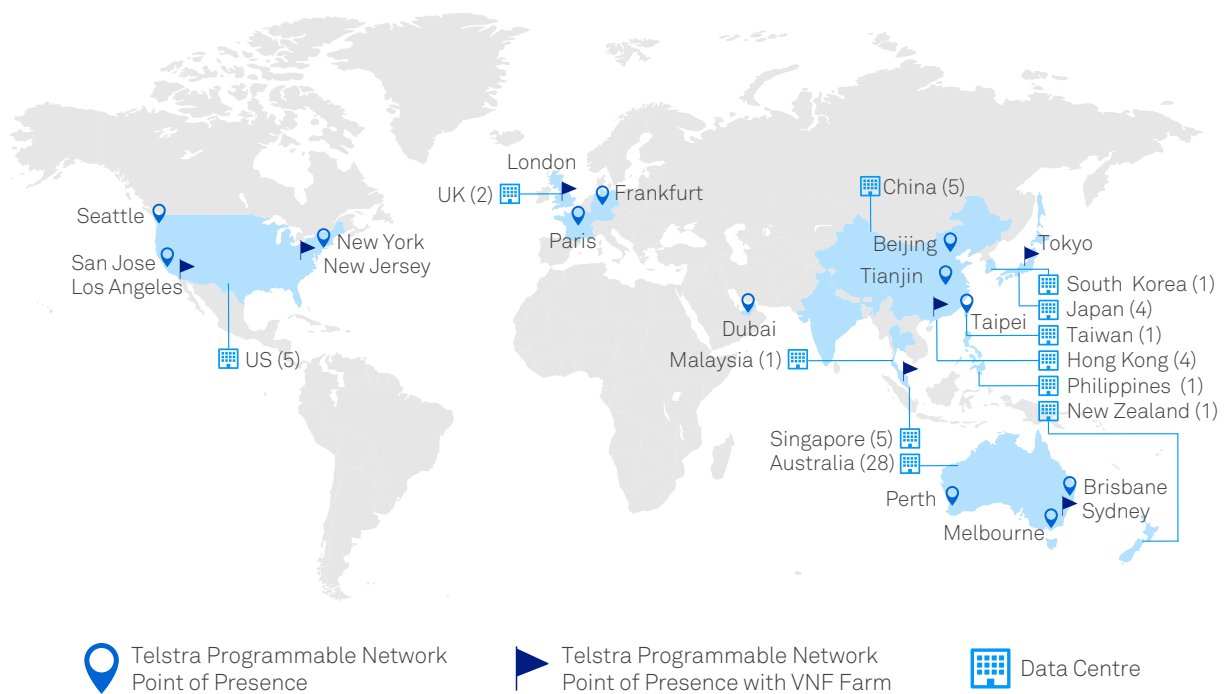
Resilient power and cooling systems

Telstra data centres are equipped with UPS systems with diesel generators for back-up power, as well as water-cooled chillers to maintain the operating temperature and humidity in the data rooms.

24/7 customer support

Delivered by our on-site teams and Telstra's Global Help Desk via web portal, phone or email.

Telstra's Data Centre Presence

Seattle
San Jose
Los Angeles
New York
New Jersey
US (5)

London
UK (2)
Paris
Frankfurt

China (5)
Beijing
Tianjin
Taipei
Tokyo
South Korea (1)
Japan (4)
Taiwan (1)
Hong Kong (4)
Philippines (1)
New Zealand (1)

Dubai
Malaysia (1)

Singapore (5)
Australia (28)
Perth
Melbourne
Brisbane
Sydney

◉ Telstra Programmable Network Point of Presence

▶ Telstra Programmable Network Point of Presence with VNF Farm

▦ Data Centre

- **58 data centres** in key locations with software-defined networking capabilities through the Telstra Programmable Network
- **Telstra Programmable Network points of presences (PoPs)** that enable scalable bandwidth on demand, deployment of virtual network functions (VNFs) and direct connection to cloud providers
- Directly connected to Telstra's IP VPN/Next IP® network of more than **2,000 PoPs** in 200 countries and territories

Contact your Telstra account representative for more details.