

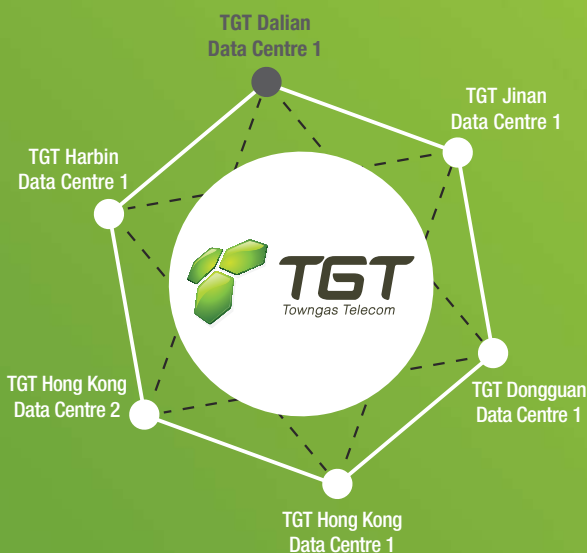


## About Us

TGT Dalian Data Centre 1 is located in the Dalian Eco-tech Innovative City and commenced operation in December 2015. Hosting a total of 3,000 server racks, the 16,000m<sup>2</sup> Data Centre fulfilled the international standard of TIA-942 Rated 3+.

The Data Centre employs a frame structure and is constructed with high-quality reinforced concrete and fire-retardant materials. The level of seismic resistance reaches magnitude 8, providing our customers a safe and reliable environment for data storage. The maximum data hall load-bearing capacity is 1.6T/m<sup>2</sup>. Recyclable material, Terracotta, is used to build the façade of the Data Centre, facilitating excellent insulating properties and the ability to self-cleaning. The reliable infrastructure of the Data Centre provides the fundamental protection for data safety to our customers.

We possess the world's most cutting-edge operating equipment and highest level of infrastructure. As a carrier-neutral telecommunications service provider, the Data Centre has cooperated with China Unicom, China Telecom, China Mobile and other network operators to introduce high quality network resources, satisfying the diverse needs of different customers and providing world class services.



## About the Data Centre



Total Floor Area:  
12,800m<sup>2</sup>



Total Construction Area: 16,000m<sup>2</sup>



Infrastructure Standard:  
TIA-942 Rated 3+



Total Capacity:  
~3,000 Server Racks

## Certification



## Infrastructure and Geographical Advantages

- Solid independent building structure, fire and earthquake resistant design
- Clean environment, free of pollution and interference
- Great accessibility, only 10 minute ride from Dalian Zhoushuizi International Airport
- 1 hour flight to Beijing/Seoul and 2.5 hours flight to Shanghai/Tokyo

## Power System

- Dual power feed
- UPS system with N+1 redundancy and each system is capable of running for 20 minutes at full load
- Racks power distribution unit and PDU 2N redundancy
- N+1 diesel power generator system capable of running for 72 hours at full load
- A single generator with normal power of 2,200 KVA at maximum capacity
- Fuel supply agreement with numerous oil companies, ensuring availability of emergency supply in 2 hours

## Products and Services

- Colocation
- Data Services
- Cloud Computing Services

## Networked Data Centre

TGT Group has several world-class data centres and provides network infrastructure services in Hong Kong and the mainland. Currently, there are 6 major data centres in Hong Kong, Jinan, Dalian, Harbin and Dongguan, covering a total area of over 110,000m<sup>2</sup>, and forming an integrated data centres network. TGT provides simultaneous connection between Hong Kong and Mainland China, comprehensive international operation management and high-quality services for our customers.

## Network Advantage

- Carrier neutral data centre, signed access agreements with major network operators to satisfy diverse needs of different customers
- Inter-connected networks between Chain and Hong Kong for customers who need to expand their businesses overseas

## Other systems

- Oil Free water chillers for efficiency enhancement and environmental protection
- Chilled water system with a two-pipe system, supporting online maintenance
- Independent CRAC room to ensure constant temperature and humidity in data hall
- 7x24 Surveillance Monitor Systems and security guards on patrol
- Finger Vein Authentication System and Infrared Detecting System
- Gaseous Fire Suppression System and Very Early Smoke Detection Apparatus

## Contact Us

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