



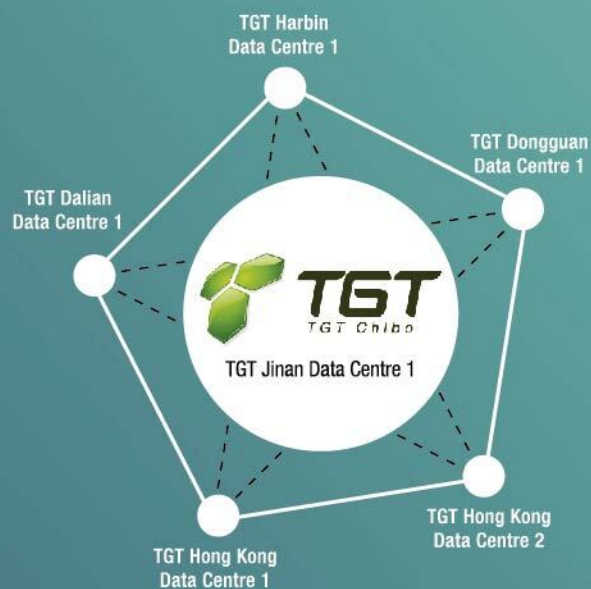
## About Us

Towngas Chibo Data Service (Jinan) Co., Ltd. (TGT Chibo) was established with the mission to enable ICT professionals and their business with reliable cloud infrastructure and competent services that exceed customer expectations. Excelling as one of the major carrier neutral high-level data centre service providers in Shandong province, the company was co-founded by Towngas Telecommunications Co., Ltd. (TGT), a wholly owned subsidiary of Hong Kong and China Gas Co., Ltd. (Towngas).

TGT Jinan Data Centre 1 is the first data centre of the TGT group in Mainland China with area coverage of 51,028m<sup>2</sup> and Phase 1 comprises a total area of 16,500m<sup>2</sup>. The construction is in accordance with the international standard of TIA-942 Rated 3+, the Japanese Financial Industry Information System Standard by FISC and the Chinese standard of GB50174-2008 A level.

Founded in 2009, TGT Chibo possesses professional operation and maintenance service teams with invaluable experiences. The premium data centre infrastructure, mature service system and management procedures are warranted with ISO 20000, ISO 27001 and ISO 14001 for the excellence and professionalism in service availability, reliability and stability.

## About the Data Centre



Total Floor Area:  
51,028m<sup>2</sup>



Total Construction Area:  
16,500m<sup>2</sup>



Infrastructure Standard:  
TIA-942 Rated 3+



Total Capacity:  
~3,000 Server Racks

## Certification



## Products and Services



Colocation



Cloud Computing Services



Business Continuity Management



IT Operation Management Services



IT Professional Consulting Services



Cold Data Processing and Storage Services

## About the Facilities

### Power System

- 2N redundancy
- Dedicated 10KV dual power feed through different paths from 2 substations
- High Pressure Diesel Power Generator System
  - 10KV high pressure backup Diesel Power Generator System, 2,000KW for each
  - N+1 redundancy with auto operation
  - Two-stage fuel supply, support refueling with continuous power supply
- UPS
  - 2N redundancy
  - Backup power supply  $\geq 15$  minutes

### Cooling System

- Air-conditioning System
  - N+1 redundancy
  - Cold water pipe with accessing loop
- Data Hall Environment
  - Data hall temperature maintained at  $23 \pm 1^\circ\text{C}$  and relative humidity at 40%-60%
  - Hot/Cold aisle containment
  - Independent air conditioning room and Water Leakage Detection System
  - Efficient Air Filtration System with redundancy

### Monitoring System

- IT Monitoring System
- Power Monitoring System
- Air-conditioning Monitoring System
- Data Hall Environment Monitoring System
- Periodic patrol inspections and Surveillance System

### Security and Fire-extinguishing System

- Financial-level Security Facilities
  - Anti-intrusion Security System and anti-collision facilities
  - Security check at entrance and exit, plus Anti-Tailgating System
  - Two-way access control in core regions
  - 7x24 CCTV Surveillance System and security guard monitoring
- Classified security zone management and dedicated authority management
- Dedicated fire-protection surveillance and Fire-extinguishing System of the data hall
  - HFC-227ea Gaseous Fire Suppression System covering whole data hall
  - Fire system to achieve remote networking, and sharing information with fire brigade

### Network Environment

- Carrier-neutral data centre, could be accessed by China Telecom, China Mobile and China Unicom, total bandwidth exceeding 800G
- Connected with underground dual channels
- Connected with TGT data centres network via optical fibres

## Contact Us

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