

# Telehouse **Beijing**



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is a brand new premium data center facility located in the highly sought after industry and commercial district - Beijing Economic Technological Development Area (BDA) – just 30 minutes from Central Beijing. The Telehouse Beijing facility is able to offer 25,000m<sup>2</sup> of colocation space spread over two floors with dedicated UPS on each floor. Telehouse can build and support a reliable ICT infrastructure for multinational and local corporations within China.

With the fast growth of its domestic economy, China is speeding up, planning and building the data center infrastructure to support a mature financial market and building its own internet data centers to satisfy the data storage needs of the future. According to IDC research, the market reached \$2.7bn in 2011 an increase by 67.1% from 2010 with demand for greater value-added services.

However, the overall construction level of colocation facilities still lags behind the rapid growth of the Chinese information industry. With Telehouse Beijing, domestic and multinational companies can partner with a global leader to entrust their business-critical applications and be assured that their future needs are supported by a highly reliable and secure infrastructure.

### Colocation Options:

- Telehouse Beijing are able to support their client's individual bespoke data center specifications
- Rack colocation - customers equipment is installed in a 19-inch individually locked cabinet
- Caged colocation service – encloses client's cabinets in a floor-to-ceiling metal cage. Ideal for customers requiring more privacy and higher security for their medium-sized server farms and mission-critical systems
- Open space colocation service – providing open space flexibility for customers to set up their own rack whether it is standard or non-standard size.

### Power:

- Dual power feeds into the building providing 2 × 1.5MVA power to the data center
- N+1 redundant stand by generators with a minimum of 36 hours autonomy at full capacity
- 2N/N+1 (Dual/Single spec) redundant UPS system with 15 minutes battery capacity
- Redundant A & B power feeds to customer equipment in rack
- Standard power per rack at 2.0/3.0/4.0kVA (higher scalable options available)





## Environment and Air Conditioning:

- Architectonic Earthquake-proof constructed data center built to Seismic Grade 8
- Air conditioning redundancy at N+1 configuration
- N+20% CRAC units installed
- N+1 redundant Water-Cooled pipe line adapting with a Hybrid type Free Cooling System
- Hot aisle and cold aisle zone design
- Cold aisle adoption
- Free cooling operation in winter
- Temperature: 20°C ±2°C;  
Humidity: 50%±10%
- Water Leakage Detection System in place
- Ceiling Height at 7,600mm
- Floor elevation at 900mm
- Floor load-bearing 800 – 1,500kg/m<sup>2</sup>

## Connectivity:

- A Carrier-Neutral facility with Multi-Carrier options, quite rare among Beijing data centers
- Telehouse Beijing has access to major Chinese telecom providers such as China Telecom, China Unicom, and China Mobile
- Telehouse Beijing has in place several carrier circuits from different routes, providing physically secure connections
- Multi-ISP PoP offering allows for a diverse range of ISP's to choose from and 2 routes wiring possible
- Meet-me-rooms provide free circuit connections between carriers and customers

## Security System:

- Noncontact independent client card identification access system
- Secure access procedures to ensure that customer nominated staff only gain authorized access to the facility whenever required, day or night

- 24 x 7 x 365 on site support through a manned control center

- 24 x 7 x 365 on-site personnel security guards

- Internal and external CCTV surveillance cameras providing surveillance of the entire Telehouse Beijing complex.

- Centralized monitoring BMS (Building Management System) in place for fast response and reporting

## Fire Detection & Suppression:

- IG541 Inergen-gas fire suppression system in place
- Very early smoke detection alarms (VESDA) installed throughout facility

## Additional Specifications:

- Telehouse Beijing works towards the Professional operation of the Global Telehouse Standard
- Telehouse Beijing has dedicated office space for BCP and DR requirements
- Bi-lingual helpdesk and technical support staff

## Home to your global ICT solutions

Telehouse now offer full end-to-end ICT solutions from design to implementation such as IP connectivity, system integration, LAN and software installation, system monitoring and virtual servers as well as premium data centers.

Speak to a member of our sales team regarding your requirements and we will propose the right solution for you. Telehouse can also assist in improving the efficiency of your existing IT infrastructure and the management of a comprehensive IT migration plan.

### For more information, contact our sales team:

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