

# Telehouse Building D

Top data centre flexibility  
for successful growth

## Building D

**Opening March 2020**

Digital expansion needs space to develop. To provide the necessary scope for development, Telehouse is adding a fifth data centre to its company campus. The new data centre is located in the heart of Frankfurt, the digital hub of continental Europe with the highest density of network and service providers, and offers direct connections to the fibre optic ring and DE-CIX Internet exchange. The new facility will supply about 2,200 sqm of high-availability colocation space from March 2020. Services include single racks and dedicated data centre space as well as further services.

**PUE < 1.25**

The data centre has 3.6 megawatts of IT capacity and 4.5 megawatts of total capacity. Using 100% green energy and a design PUE, that can be less than 1.25, it delivers top ratings for sustainability and energy efficiency.

**4.5 megawatts  
total capacity**

The new premises are centrally located, extremely convenient to reach by public transport and just a few minutes from the motorway and airport. And the Telehouse Campus offers plenty of space for further expansion, opening the door to future growth.

Want more details of why we're the best IT partner for you? Just ask us!

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## Premises

- 3 floors, each with over 700 sqm of colocation space
- 2 heavy goods lifts (max. 4,000 kg payload)
- Floor load capacity 1,200 kg/sqm

## Power supply

- N+1 redundant, UPS secured power
- Connection to 30-kV ring via transformer station on data centre campus
- 3 x DRUPS in IP-Bus system configuration
- n+n design links colocation and customer space
- 48 hours emergency power supply guaranteed by diesel generators

## Cooling

- N+2-redundant aircon systems
- Free indirect cooling using adiabatic process
- Hot aisle containment
- Constant temperature of 24°C +/-

## Fire safety

- Early fire detection system (smoke extraction) throughout data centre
- Gas extinguishing system in colo area
- Oxyreduct system in technical areas
- F90 firewalls and fire doors

## Connectivity

- Carrier-neutral
- Access to over 400 carriers and cloud providers
- Direct connection to DE-CIX
- Access to DE-CIX DirectCLOUD platform

## Access and security

- Motion detection fence
- Closed circuit TV in outdoor areas
- Mantrap entrance (single person access)
- Central access control with contactless ID
- Optional: biometric access system
- Control centre staffed 24/7
- Network Operation Center (NOC) staffed 24/7



## Our data centre:

**100% carrier-neutral**

### Expect only the best from us

#### Telehouse Frankfurt

Today with over 50,000 sqm of data centre space, our campus is among the largest and most modern in Germany. Companies in all sectors find that we offer the ideal environment for them to develop their business: high availability, secure and scalable, with direct connections to global communication infrastructure.

## Additional services

- Business Continuity Center with up to 300 emergency workstations
- 24/7 on-site technical support on call (remote hands)
- Cloud services and system integration
- Provision of secure office and storage space, staging areas in variable sizes and parking
- Planning, financing and installation and 24/7 operation in secure high-availability environment In-house cabling and facility management with specialist personnel

## Telehouse Security

### Our certification

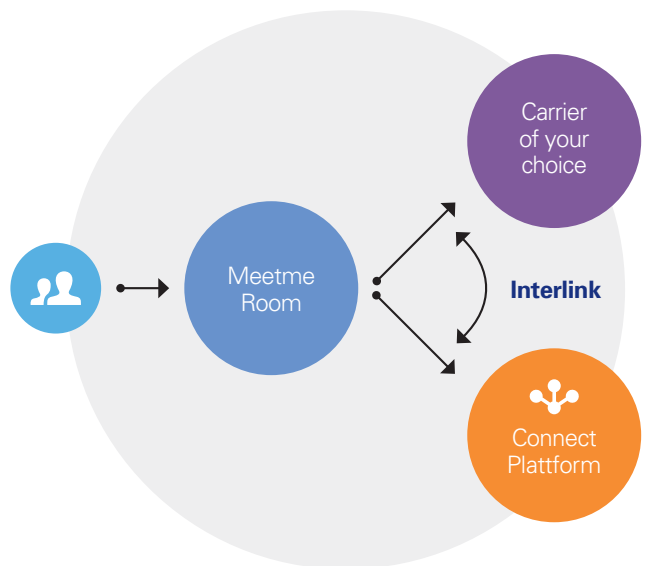
Telehouse data centres hold certification under numerous internationally recognized standards including

- ✓ ISO/IEC 27001:2013
- ✓ ISO 9001:2015
- ✓ DIN EN ISO 50001:2011
- ✓ PCI-DSS
- ✓ ISAE 3402 Type 2



**100%  
Green Energy**  
By Telehouse

Telehouse is an acknowledged pioneer in the field of green IT. We establish the best conditions for our customers to continuously improve energy efficiency in their routine IT operations.



## Access

to over **400 carriers and cloud providers**

### About Telehouse

Telehouse operates more than 40 own data centres in Asia, Europe, Africa and the USA. As subsidiary of KDDI Corporation, Japan's second largest telecoms company, we supply IT and telecom services on a global scale in over 170 countries.

As authentic pioneers of data centre-based IT services – we opened the world's first location dedicated to this purpose in 1989 – we are a well-established partner offering a wealth of market and technology expertise for all challenges and dimensions of data centre services related to cloud computing, colocation, system integration and connectivity.



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