

# Telehouse South Fact Sheet

## Location

Blackwall Yard,  
1 Paul Julius Close,  
London,  
E14 2EH

## The latest addition to the Telehouse London Docklands campus.

Opened in 2022, Telehouse South offers flexible and scalable solutions to meet your business needs. With an existing IT capacity of 7.4MW, Telehouse South will provide a maximum of 18MW of IT power on full build out.

This data centre is integrated with the main Telehouse London Docklands campus via a diverse dark fibre network, providing access to one of the world's densest networks, with over 1,000 carriers, ISPs and ASPs.



### Space

**Gross area**  
31,000 sqm

**Rack count**  
688 footprints per floor

**Standard rack size**  
600mm x 1,200mm



### Power

**Total IT power capacity**  
18MW (2.7MW per floor)

**PUE**  
Designed to be below 1.3  
at full IT load

**Incoming power feeds**  
Dual redundant, diverse route

**Generators**  
N+1 redundancy, 24hr fuel  
storage

**UPS configuration**  
2N, distributed redundancy



### Environment and Air Conditioning

**Cooling system**  
High efficiency free-cooling  
air-cooled chillers  
N+1 redundancy, N+20% on  
floor CRAH

**Cooling SLA**  
25°C +2/-7°C



### Sustainability

**WUE < 0.01**  
Non-evaporative cooling  
design delivers Water Usage  
Effectiveness (WUE)  
  
Powered by renewable energy

**Low GWP refrigerants**  
>95% of construction waste recycled



# Telehouse South

## Health & Safety

Data centre areas are fitted with a fully addressable two stage fire detection system that monitors both under-floor and the room itself

Detectors with a 50% mix of optical and ionisation are split across 2 separate zonal-loops, to meet BS 5839, 6266, 5445 and 5588

Very Early Smoke Detection alarms (VESDA) installed throughout the facility

Dry sprinkler fire detection system to meet BS 5306, 3115 and with LFEPA approval. (Dry sprinkler is the main fire suppression method employed)

The systems are designed to minimise any possible customer disruption and to ensure that any minor problems remain localised

## Security Systems

Perimeter protected by alarmed fences and PIR detection

Secure and monitored single-person point of entry with biometric fingerprint access control, physically guarded 24/7 and integrated digital video camera surveillance.

Proximity card access is provided from the main data centre building and is issued to provide access only to authorised facilities management suites

Strict security processes are in place to ensure the delivery and loading of goods is secure

CCTV coverage for the perimeter, common areas and facilities management suites



## Certification

### PCI-DSS

Payment Card Industry Data Security Standard

### ISO 9001

Quality Management System

### ISO 14001

Environmental Management

### ISO 22301

Business Continuity Management

### ISO/IEC 27001

Information Security Management

### ISO 45001

Occupational Health & Safety Management

### ISO 50001

Energy Management

**Climate Neutral Data Centre**  
Certification

**View all certificates at:**  
[www.telehouse.net/certificates](http://www.telehouse.net/certificates)

## About Telehouse

Telehouse is a leading global data centre service provider that brings together a diverse range of business partners including carriers, mobile and content providers, enterprises, cloud providers and financial services companies.

Established in 1989 by Fortune 500 telecommunications company KDDI, Telehouse operates more than 45 data centres worldwide and provides reliable, secure, and flexible colocation solutions, enabling organisations to accelerate speed to market and create business opportunities through fast, efficient and secure interconnections.

### Contact our Sales Team:

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