# Telehouse **North Two**

Location: Coriander Avenue, London, E14 2AA, United Kingdom



## Telehouse North Two

Telehouse is expanding its iconic Docklands Campus to include North Two - Europe's most advanced data centre. Available from early 2016, Telehouse North Two clients will be part of Europe's leading connectivity hub with access to an unparalleled 73,400 sqm of space, with over 530 carriers, ISP's and ASP's flowing into its Docklands campus.

Telehouse North Two will be setting new standards in data centre efficiencies by incorporating the worlds' first multi storey adiabatic cooling system - delivering an industry leading PUE of 1.16.

As the primary home of the London Internet Exchange (LINX), the Docklands campus has around 900 private and public peering ports into LINX, making Telehouse Europe's leading connectivity hub. With ultra-low latency routes to Europe, America, Russia, Africa and Asia, the Docklands campus is the ideal location for cloud and content service provision.

### Colocation:

- Telehouse North Two can provide Shared Facilities Management (SFM) and Dedicated Facilities Management (DFM). Retail and wholesale options are available

### Power:

- The only UK data centre that owns an on-campus 132kV grid substation providing clients with an industry leading power density

- 4.5kW average power per rack

- Dual redundant and diverse incoming power feeds

- 8 x Generators with N +1 redundancy with a total capacity of 18.5MW

- Redundant A & B power feeds to customer equipment from 2(N+1) configuration UPS

### Environment and Air Conditioning:

- Designed to BREEAM Excellent standard

- The worlds' first multi storey adiabatic cooling system addresses the restrictions driven by load fluctuations.

Delivering an industry leading PUE of 1.16 in an N+2 configuration into hot aisle containment

- ASHRAE room design temperature: 25 +/- 2 °C

### Connectivity:

- Carrier neutral facility offering customers freedom of choice

- As the primary home of the London Internet Exchange (LINX), the Docklands campus has around 900 private and public peering ports into LINX, making Telehouse Europe's leading connectivity hub

- Access to over 530 carriers on campus

- Ultra-low latency routes to Europe, America, Russia, Africa and Asia

- Diverse entry points into the building

- With the Interlink Service clients can connect to any carrier from any Telehouse data centre

## Fire Detection and Suppression:

- Very early smoke detection alarms (VESDA) installed throughout the facility

- Fully addressable two stage fire detection system that monitors both under-floor and the room itself

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

- Dry sprinkler fire detection system to meet BS 5306, 3115 and with LFEPA approval

- Ceilings, walls, floors and doors comply with RF90 (fire resistance 90 mins) in DC areas, telecom and plant areas

## Security Systems:

- Perimeter protected by alarmed fences and PIR detection

- Gated entrances manned 24/7 combined with a security management system to ensure no unauthorised access to the site

- Over 400 movement activated CCTV coverage for the Perimeter, Entrances and Loading Docks, Common areas reception and corridors and of course our state of the art suites

- Single point of entry to our main facilities controlled by time limited access cards combined with card Independent client card identification access system 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 delivery and loading of goods are secure

- Doors fitted with alarms that immediately report back to a manned security suite when unauthorised access is attempted or doors are forced or held open

- A highly trained Security presence 24/7 to ensure that you and your nominated staff gain authorised access to the facility whenever you require, day or night

## Facilities:

- Roof space provision for satellite and telephone mast installation

- Test and build rooms available on site

- Conveniently located close to the city of London

## Certifications:

- Designed to BREEAM Excellent standard

- ISO 9001 Quality Management

- ISO 27001 Information Security

- ISO 14001 Environment Management

- OHSAS 18001 Occupational Health & Safety

- ISO 22301 Business Continuity

- Carbon Trust Standard

- Impact Level 3 (IL3) for Government contracts

## Telehouse. The First Name in a Connected World

Telehouse 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 centres.

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.

### Contact our Sales Team:

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