



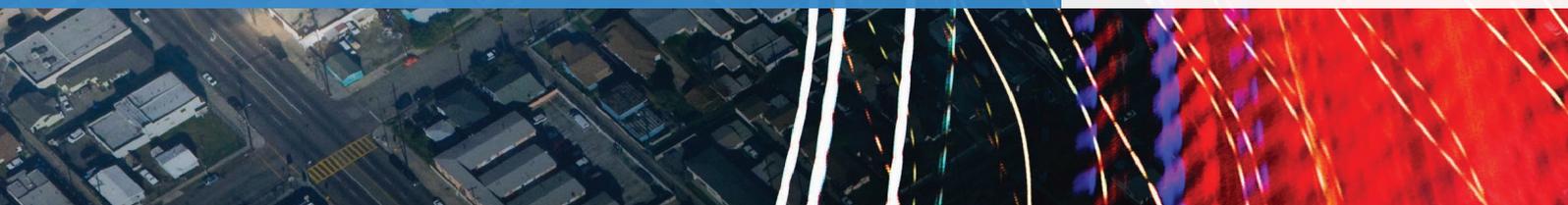
# Digital Chessington London

## About

Chessington is Digital Realty's network rich and purpose-built data centre for the London market. Housing both private 1.4MW suites and smaller retail cage environments, this facility offers flexible solutions for a wide range of our clients. The site also benefits from having a full physical point of presence (PoP) for the London Internet Exchange (LINX) within the facility.



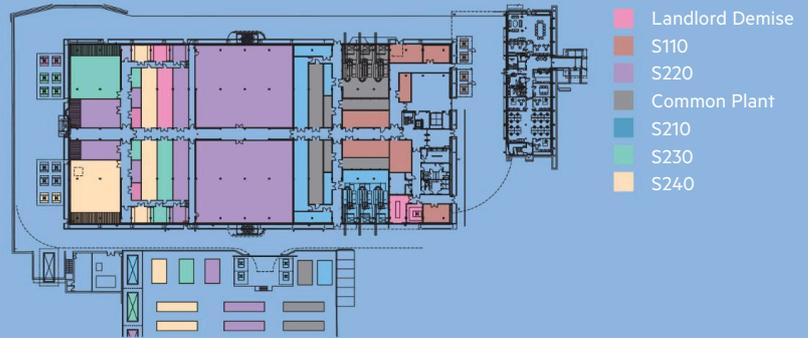
**DIGITAL REALTY**



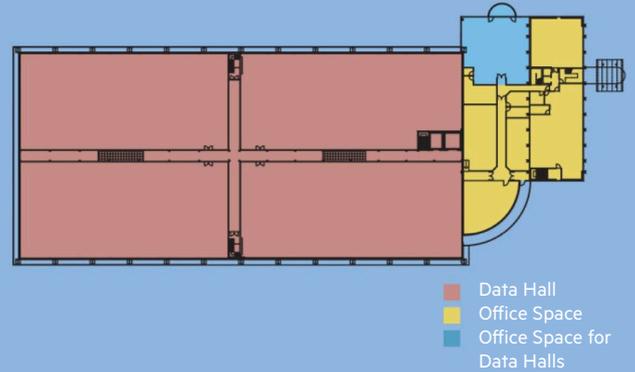
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Fully-Fitted Turn-Key Flex® Data Centre/ Ground Floor Plan



Option 1/ Turn-Key Flex® Data Centre/ Second Floor Plan



## Public Transport

### By rail

Chessington North Rail Station is located 0.7 miles away with a 31-minute direct services to London Waterloo. Surbiton Rail Station is located 2.6 miles away with a 17-minute direct services to London Waterloo, which provides access to the City and Docklands.

### By road

Chessington is approximately 17 miles south west of Central London, five miles south of Kingston-upon-Thames and eight miles from the M25 (Junction 10). The area benefits from excellent road communications including two junctions onto the A3 London to Portsmouth trunk road from the A243 (Hook) and the A240 (at Tolworth Tower).

### Parking

Car parking on Digital Realty property is strictly controlled and monitored. Parking is allocated on a first come first served basis. When necessary, users of the car parks must follow instructions from Security. Digital Realty cannot accept responsibility for any items that are lost, stolen, damaged or destroyed in the car parks. Digital Realty expects all customers to use the car parks in a safe and considerate manner.

# Data Centre Benefits & Differentiators



## Highly-connected, premium data centre space

### Facility Specifications

#### Facility

- 2x storey, 10,220m<sup>2</sup> (110,000ft<sup>2</sup>) warehouse
- Master-planned for five – approximately 1,000m<sup>2</sup> (10,355ft<sup>2</sup>) Turn-Key Flex® Data Centre halls
- 5x data halls, each of approximately 1,000m<sup>2</sup> (110,000ft<sup>2</sup>)
- 2x data halls offer 1,440kW of UPS capacity
- 3x data halls offer 1,920kW of UPS capacity
- Roof-standing seam metal roofing panel
- Floor to ceiling height 4m

#### Power

- 18MVA dual 33kV supplies to the site with dedicated onsite substation
- 11kV distribution to A & B HV main intake switchboards
- 1,440kW of UPS backed power per data hall available in a 2N configuration suites (S210 & S220)
- 1,920kW of UPS backed power per data hall available in a 2N configuration (S230, S240 & S110)
- 3x 1,875kVA standby generators per data hall operating in a N+1 configuration

#### Connectivity

- Connected by 2x diversely routed sets of duct banks
- 5x PoP rooms/ meet-me rooms (MMRs) throughout the property
- Full PoP for LINX with both Juniper and Extreme networks
- Access to multiple telecommunication/ CDN providers

#### Cooling (S210 & S220)

- 3x air cooled chillers per data hall rated at 950kW each utilising free cooling technology and operating in an N+1 configuration
- 14x data hall CRAHs per hall in an N+2 configuration

#### Cooling (S230, S240 & S110)

- 3x adiabatic free cooling chillers rated at 1,070kW operating in an N+1 configuration
- Chillers able to meet full load in event of mains water failure
- 16x or 18x CRAHs (N+2) per hall operating in an N+2 configuration

#### Fire Protection

- Double interlock pre-action water mist system
- Overhead and under floor smoke detection

#### Monitoring

- HVAC, power and building critical systems managed and monitored 24x7
- Premises monitored by security camera 24x7 with digital recording (93 days)

#### Security

- Onsite security personnel 24x7
- Dual authentication access with biometric and Card Key access controls to the data centre

#### Fully-Fitted Turn-Key Flex® Data Centre

Move-in ready facilities which are available in multiple kW increments and are even sub-divisible down to a single PDU to enable you to add capacity as you need it. Based on a field tested 5th generation design our Turn-Key Flex® Data Centres deliver 99.999% reliability to ensure that your business' core applications are available when you need them. Multiple fibre providers available.

#### Powered Base Building®

Powered Base Building®: Designed for customers wanting to build out and operate their Data Centre, Digital Realty's Powered Base Building® provide you with a master planned facility that includes planning and a dedicated utility infrastructure. Multiple fibre providers available.



#### NORTH AMERICA

- Seattle
- Portland
- San Francisco
- Silicon Valley
- Los Angeles
- Phoenix
- Denver
- Dallas
- Houston
- Austin
- Chicago
- Miami
- Atlanta
- Charlotte
- Toronto
- New York Metro
- Boston
- Northern Virginia

#### EMEA

- Dublin
- London
- Manchester
- Paris
- Amsterdam
- Geneva
- Frankfurt

#### APAC

- Hong Kong
- Osaka
- Tokyo
- Singapore
- Sydney
- Melbourne

#### SOUTH AMERICA

- Fortaleza
- Rio de Janeiro
- Sao Paulo

## About Digital Realty

Digital Realty supports the data centre and colocation strategies of firms across its secure, network-rich portfolio of data centres located throughout North America, Europe, Asia, Australia and South America. Digital Realty is uniquely positioned to deliver interconnectivity with a complete range of solutions on a global scale. Our customers trust the Digital Realty team to combine unparalleled collaboration, network-dense interconnection and real estate acumen to realise the unique power of community – from one rack to hyperscale – across the globe.

[digitalrealty.co.uk](https://digitalrealty.co.uk)

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