



## PRODUCT OVERVIEW

# London Data Centre

Six Degrees Group is a leading hosting and managed services provider to the UK mid-market. The company specialises in delivering application performance management, monitoring, reporting and security, deployed on hybrid public/private cloud platforms of innovation. Everything Six Degrees does is underpinned by its own data centres, data network and voice switching infrastructure.



## Why do I need a Data Centre?

Nowadays, most savvy businesses use off-site data centres in some capacity. Whether you choose to collocate in a data centre or simply utilise other services which require a data centre, such as [cloud hosting](#), Backup as a Service ([BaaS](#)) or Disaster Recovery as a Service ([DRaaS](#)), you will need a purpose-built facility designed with high availability and security in mind. If you want your IT or telephony servers or business continuity services hosted in a secure and protected environment, third party data centres are the key to remove the associated risks or costs of owning and maintaining the site yourself.

## Why should I choose Six Degrees' London Data Centre?

Our London facility is a Tier III aligned site with with 2,275 m<sup>2</sup> of highly available data centre space, geographically diverse from our Birmingham sites. Located in the Royal Borough of Greenwich, southeast London, our site is near North Greenwich Tube station, London City Airport and only ten minutes from Charlton Rail Station, conveniently located by the City - getting you there easily and quickly. Our site is scalable data centre space with multiple levels of redundancy including Uninterruptable Power Supplies (UPS), backup diesel generators, state-of-the-art cooling systems and advanced fire protection. Turn the page to find out more!

## What is a Data Centre?

A data centre is a physical site where servers, racks and other IT infrastructure hardware are kept to provide computing power for organisations. They can either be in-house or off-site whereby a business collocates in a third party data centre by paying a recurring fee for the space, power and cooling. Typically, a collocation data centre also offers connection to telecommunications and network service providers in a cost-effective manner.



Fire protection in our site



Aerial view of Six Degrees' London Data Centre

## Facility

- Single storey 2,275 m<sup>2</sup> purpose-built facility
- Up to 536 racks with a mixture of dedicated pods or suites
- 1,400 m<sup>2</sup> of technical whitespace
- 600mm raised floor
- Uptime Institute Tier III aligned

Speak to our experts today on +44 (0)20 7858 4935 or [colo@6dg.co.uk](mailto:colo@6dg.co.uk) or visit [www.6dg.co.uk](http://www.6dg.co.uk)

## Site Specifications and Technical Data

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### Amenities

- 10 parking spaces
- Full-height loading bay with dedicated storage area for inbound & outbound deliveries
- Secure storage in addition to a build room
- Customer rest area with welfare amenities, toilets and showers
- Meeting room available for customer use

### Security & Monitoring

- Full perimeter security including a 2.4 metre fence and perimeter gate
- PAC integrated card and biometric access control, with full auditing and reporting
- Single person anti-tailgating entry point
- Extensive digital CCTV cameras covering all internal and external areas. Monitored by our on-site security teams.
- Security systems linked to the building management system (BMS) and Six Degrees' network operations team
- 24x7x365 manned security alongside management and monitoring of all cooling, power and building critical systems

### Fire Protection

- High Sensitivity Smoke Detection (HSSD) System installed on return air handling units
- IG-55 Argon/Nitrogen-based gas suppression system
- Building-wide, floor-based fire detection with ionisation and optical detectors in multiple zones installed under the raised floor and above racks

### Connectivity

- Carrier neutral
- Access to multiple telecommunications providers including - BT, Virgin Media, Colt, Zayo and Cable & Wireless/ Vodafone.
- Access to the Six Degrees Next Generation Network (NGN) providing data centre to data centre, internet and MPLS connectivity across the UK, Europe and the US
- 10 Mb/100 Mb/1 Gbps/10 Gbps network

### Power & Resilience

- 11kV supply from separate substations
- Power density of at least 1kW/m<sup>2</sup>
- 9 x 550kVA diesel generators, providing N+1
- Server rooms with independent power supplies, A&B electrical switchboards for dedicated cabinet power delivery
- Minimum 24 hours of fuel located on-site for full-load
- Three phase power available upon request
- Refuelling supply contract

### Cooling

- Either 6 x 100kW or 8 x 80kW DX based, air handling units providing N+1 with external condensers rated for 35 °C ambient air temperature
- Target 24 °C +/- 2 °C inlet temperature to racks
- Water leak detection installed under each AHU
- Cold aisle containment for maximum energy efficiency
- Temperature and humidity monitoring within technical space



## Let us help you

Six Degrees' data centres offer a glimpse into the selection of services available from our compelling portfolio, structured and designed to solve your business infrastructure needs. With support from our passionate in-house engineers alongside an innovative offering to create the solution that you need, we will be happy to help.

### CALL

+44 [0]20 7858 4935

### EMAIL

[colo@6dg.co.uk](mailto:colo@6dg.co.uk)

## Accreditations



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