



FACT SHEET

Six Degrees' Data Centres

Six Degrees is a leading hosting and managed services provider in the UK, specialising 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.



Secure, Safe and Efficient

Dedicated Racks

Our medium capacity, dual feed racks can deliver 2-8kW using a standard 42U or specialised 48U set-up. Our dedicated racks are perfect if you're looking to outsource critical IT equipment or establish a presence in multiple strategic locations.

Private Cages

Our private cages maximise the security, efficiency and structural integrity for configurations of six or more standard 2-8kW racks. The layout of our cages can be designed and scaled to meet bespoke customer requirements.

High Capacity Pods

Our highly secure dedicated pods provide greater capacity and base footprint than our energy-efficient variant. They deliver 8-20kW per rack and can be tailored to meet customer requirements.

Business Continuity

Our geographically diverse data centres span the UK reaching from the financial core in London to the industrial and digital hub of the Midlands. This allows us to offer resilience in the same or in multiple regions through our [Six Degrees Backup](#) and [Disaster Recovery](#) services.

Why do I need a

Six Degrees Data Centre?

Six Degrees operates approximately 9,800 m² of carrier neutral, geographically diverse data centre space. We have one facility in Central London and two facilities in Greater Birmingham. All are Uptime Institute Tier III facilities that are integrated with Six Degrees' full service offerings, allowing seamless delivery of converged solutions.

Data Centre Services

Our data centre services are about more than just space and power: we also offer remote/smart hands capability such as power cycling of physical equipment, soft reboots of servers, cabling, physical backup management, network setup and racking/un-racking. In addition to physical entity support, we also offer logical entity support with highly qualified engineers (e.g. Microsoft and VMware trained) managing live customer environments.



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

Colocation

Each data hall provides access to scalable solutions, designed specifically to meet the current and future needs of your colocation requirements. From dedicated racks to high capacity pods, all colocation solutions are delivered with exceptional physical security, environmental resilience and guaranteed quality of service backed by our premium SLAs.

Certified and Secure

Because we manage and operate our data centres (DCs) we can offer true gate-to-rack ownership and management. This control provides significant security advantages to complement our ISO 27001, PCI DSS and OFFICIAL NCSC ready environments. (NCSC is the National Cyber Security Centre.).

Security

Data security requires robust management at all ends of the spectrum. Physically, our DCs are protected by 24x7 CCTV, perimeter fencing, on-site security personnel and anti-ram bollards that surround the site's perimeter. Access to a site can be obtained once government-issued identification has been produced for verification. Both London and Birmingham Central also have biometric readers allowing stress-free, secure access for all registered customers.

With the physical threat controlled, our security focus extends to the logical data. Our technical teams include security specialists deploying and maintaining the very latest security appliances and two-factor authentication products. The only partnerships we maintain are with similarly leading providers - a testament to the quality of our deployments.

Fire Protection

We utilise building-wide, multi-zonal fire detection systems with both ionisation and optical detectors in suites, roof cavities and sub-floors. For complete peace of mind we've also installed a Highly Sensitive Smoke Detection (HSSD) System, which is able to detect fires before they flare, allowing the best possible opportunity to detect and control the spread of fire before it takes hold.

Hybrid Cloud Hosting

Our cloud pods are based in our UK data centres, connected by our secure Next Generation Network that we built and maintain. Our hybrid hosted solutions are ideal for customers who require physical racks with the ability to scale into our private clouds as and when required.

Cooling

Heat is an enemy to reliable data storage. It is essential that the data halls are kept at the optimum temperature to ensure the integrity of data. The environment is constantly monitored through an array of temperature and humidity sensors, alerting us to any potential problems before your data or equipment is affected.

Power

Harnessing and maintaining power is at the very core of delivering our service to clients. All of the technology we possess would be rendered ineffectual without a continuous, uninterrupted supply of power. So, we have designed our facilities with this in mind. Each data centre has multiple and separate 11kV feeders that link to distinct substations as part of the local network in order to provide a reliable utility supply.

All of our data centres operate a minimum N+1 configuration for backup generators. To provide continuity, we operate a minimum 2N battery-based UPS system.

We consider every eventuality - alongside fuel supply agreements and routine maintenance programmes we even store enough fuel on-site for a minimum of 48 hours to keep everything up and running.



Let us help you

Six Degrees' Data Centres are just one part of our compelling portfolio structured and designed to solve your business infrastructure needs. With incredible 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

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Accreditations



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