COLOCATION
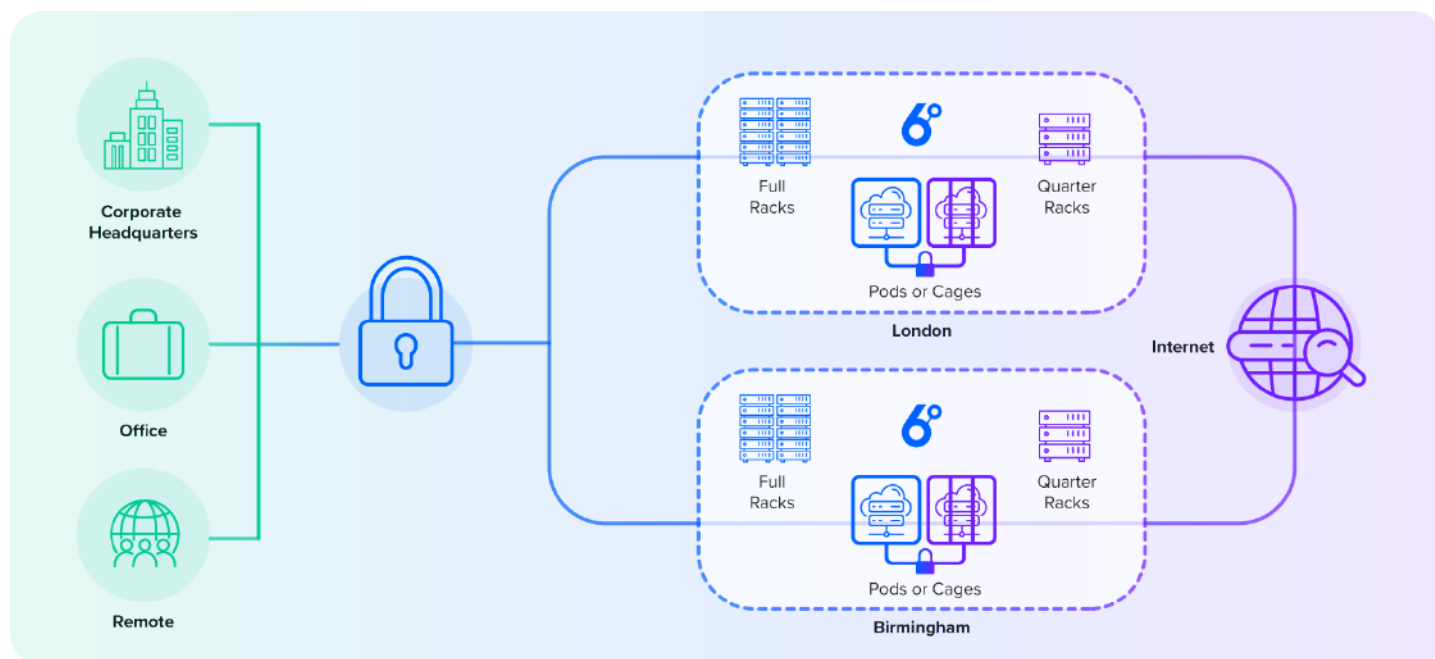
Secure, resilient, cost-efficient data centre hosting

Six Degrees' Colocation services enable you to host your equipment in our geographically diverse, purpose-built UK data centres. Whether you need racks, a pod, a caged area, or even a whole floor, our data centres deliver secure, resilient, cost-efficient hosting.

Our data centres provide highly available and scalable colocation space with multiple levels of redundancy. All our facilities and onsite staff are fully equipped to deliver the highest standards of OFFICIAL (formerly IL2/IL3) security solutions.

Our Data Centres

Birmingham Central
10 Westley St, Birmingham B9 4ER

Studley
Birmingham Road, Studley,
Warwickshire, B80 7BG

London
Interxion LON3, 11 Hanbury St,
London, E1 6QR

Secure, Integrated Cloud Services

Our Colocation Services

Our Colocation services are about more than just space and power; we also offer remote hands capabilities including 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 managing live customer environments.

Colocation

Each data floor provides access to scalable solutions, designed specifically to meet the current and future needs of our customers' 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.

Private Cages

Our private cages maximise the security, efficiency, and structural integrity for configurations of six or more standard 2-7kW racks. The layout of our cages can be designed and scaled to meet bespoke customer requirements. Cage requirements are subject to survey and availability.

Dedicated Racks

These medium capacity, dual feed racks can deliver 2-7kW using a standard 42U setup. Our dedicated racks are perfect for those looking to outsource critical IT equipment or establish a presence in multiple strategic locations.

High-Capacity Dedicated Pods

These highly secure dedicated pods provide greater capacity and base footprint than our energy-efficient variant. They can deliver 8-22kW per rack and can be tailored to meet customer requirements.

Energy Efficient Dedicated Pods

Our energy efficient dedicated pods are designed to provide an additional level of security and environmental efficiency for those who have a requirement of above six full 2-7kW racks.

Certified and Secure

Our data centres are designed to comply with the ever-increasing number of certifications and accreditations our clients need. This provides significant security advantages to complement our ISO 27001, ISO 22301, ISO 9001, PCI-DSS and SOC2 accreditations.

Hybrid Cloud Hosting

Our Enterprise Cloud platforms are based in our UK data centres, connected by the secure NGNv2 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 Enterprise Cloud.

Business Continuity

Our geographically diverse data centres span the UK, reaching from London to the Midlands. This allows us to offer resilience in the same geography or in multiple regions through our Backup and Disaster Recovery services, backed by our IS0 22301 accreditation.

Secure, Safe, and Efficient

Security
Data security requires robust management at all ends of the spectrum. Physically, our data centres are protected by 24x7 CCTV, perimeter fencing, onsite security personnel, and anti-ram bollards that are situated around the sites' perimeters and are designed to stop a truck. Access to the sites can be obtained once Government-issued ID has been produced for verification.

With the physical threat controlled, our security focus extends to the data. Our technical team include security specialists deploying and maintaining the very latest 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 take the risk of fire very seriously. Cutting-edge fire detection systems are situated throughout our locations and all procedures are designed to highlight and minimise any potential risk.

Our facilities use 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 gone even further and 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.

In the unlikely event that a fire should get past all our detection systems, it will be suppressed using a gas-based, chemical suppression system, ensuring any risk to customer data is negligible.

Secure, Integrated Cloud Services

Cooling

Heat is an enemy to reliable data storage and compute. It is essential that the data floors are kept at the optimum temperature to ensure integrity of data and to avoid problems. The environment within each data floor is constantly monitored through an array of temperature and humidity sensors, alerting us to any potential problems before customer data is affected.

Power

Harnessing and maintaining power is at the very core of delivering our service to customers. All 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. Our sites are connected directly to the national grid with two 11kV transformers. The sites use two independent critical power distribution systems, ensuring your equipment is protected in the event of any unexpected incident and to allow us to carry out an extensively planned preventative maintenance programme.

Each system is backed up through battery UPS and generators. We consider every eventuality, and alongside multiple fuel vendor relationships and routine maintenance programmes, we store enough fuel onsite for up 72 hours.

Responsive Accountability

Support Services

Combining our support services has been the best means to successfully get the job done for our customers and we're confident you will find us hard to beat.

Our technical teams boast wide-ranging skill sets, specialising in two important areas: systems support and network and security solutions. Each team member is equipped to lend their assistance in a huge variety of situations, but they chiefly concern themselves with software

and hardware platforms, firewalls, network hardware, and connectivity solutions.

You can count on us to support you at any desired level, from simple ad-hoc programmes which allow for effective and efficient budgeting, to infrastructure management for the ultimate assurance that your critical services are in hand.

Facility Amenities

We understand the needs of our customers, which is why we endeavour to provide a comfortable and stress-free environment in each of or data centres.

When you are working onsite, you will find thoughtfully positioned and carefully maintained rest areas providing access to hot and cold drink facilities, and food warming facilities.

Pre-bookable private meeting rooms are available for customer use and free access to our wireless network is provided as standard. Our locations are easy to find, with plenty of local accommodation available if required.

Male and female shower facilities are also available on-site for customer use.

Environmental Considerations

Our business is important but so are our social responsibilities. We are committed to making decisions that minimise our impact on the environment.

We actively encourage our key suppliers to follow our lead and help our customers pursue their environmental strategies. Our data centres offer high specification hosting spaces, using the very latest energy saving equipment and technology to reduce the environmental impact of our critical systems.

Secure, Integrated Cloud Services

Why Six Degrees Colocation?

Features	Benefits
Availability	Our data centres are designed with the highest level of availability, power and bandwidth redundancy, in addition to the option for backup to a wholly separate site. We make sure your business is highly resilient with a 100% service level agreement.
Scalability	Scale your services as your business grows. From a single rack to a pod or even a whole floor, we can scale our solutions to match your business needs.
Geographical Diversity	With two purpose-built data centres in the Midlands and one in London, we can provide full geographic diversity for your business continuity or disaster recovery requirements.
Compliancy	ISO/IEC 27001, 22301, 9001, PCI DSS, Government OFFICIAL (formerly IL2/IL3) Approved, SOC2.
Data Sovereignty	Only UK-based data centres for your data protection and privacy.
Connectivity	Direct connectivity to our Next Generation Network (NGNv2) – providing the ability to connect with over 700 carriers in any major UK data centre.
Security	Six Degrees' secure data centres have biometrics, CCTV cameras, card access, gates, fencing, security systems, and 24x7 security personnel to protect your data and technology infrastructure.
Cost Management	You'll benefit from Six Degrees' investment in technology and staff. We manage our data centres and can also manage your servers; that leaves you to concentrate on what you do best – running your business.
Additional Services	Ability to access Six Degrees' complementary services including Backup as a Service, Disaster Recovery as a Service, and more.

Our Colocation Credentials

PCi Security Standards Council
QUALIFIED SECURITY ASSESSOR™

ISO
27001
22301
9001

SOC 2 TYPE 2
AICPA SOC

CERTIFICATION BODY
CYBER ESSENTIALS PLUS

CODE OF CONDUCT DATA CENTRES

6° Six Degrees

To learn more about our Colocation services, or to book a visit to one of our data centres, visit: hub.6dg.co.uk/schedule-call-colocation