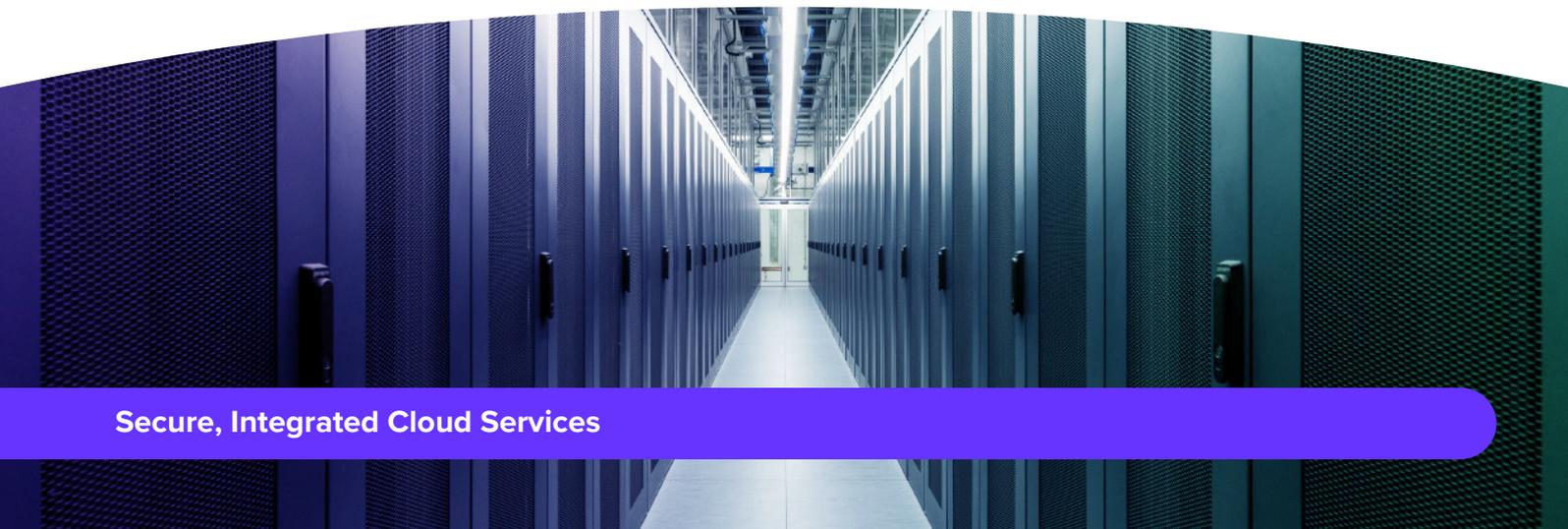# STUDLEY

Secure, resilient, cost-efficient data centre hosting in an easily accessible Midlands location

Six Degrees' Studley data centre is Uptime Institute Tier III aligned, and offers secure, resilient, and cost-efficient colocation services within easy reach of Birmingham.

Why Studley?

Six Degrees' Studley site is a premier, carrier-neutral data centre in the Midlands. It offers unparalleled performance combined with our resilient network to provide a seamless and secure hosting platform.

Features	Benefits
General	• N+N power and cooling distribution 900m^2 technical space • Up to 500 racks with a mixture of dedicated racks, pod and cages • 600mm raised floor • 1.5kW/m^2 average power density
Power and Resilience	• 11kV supply from 2 x 2 MVA dedicated transformers • 4 x 1 MVA diesel generators in N+N configuration • Minimum 72 hr fuel backup • Data floors have independent power supplies with A+B electrical switchboards • 2-7kW single phase A+B power supplies as standard • High density 22kW power available upon request • Three phase power available upon request
Environmental	• N+N Ambicool air handling units rated for 37°C ambient air temperature • Cold aisle containment for maximum energy efficiency • Inlet temperature maintained to ASHREA TC9.9 standards • Temperature and humidity monitoring within the technical space • Water leak detection installed under each AHU and water-carrying pipework

Secure, Integrated Cloud Services

Features	Benefits
Security and Monitoring	• 24x7 manned security personnel • Perimeter door monitoring and alerting • Extensive digital CCTV system covering internal and external areas. Monitored by our on-site security teams • PAC integrated card access and biometric access functionality with full auditing and reporting • Security systems linked to the building management system (BMS) and Six Degrees DCOps teams
Fire Protection	• Building wide fire detection with floor-based multi-zones with ionisation and optical detectors installed under the raised floor and above racks • Highly sensitive smoke detection (HSSD) system installed on return air handling units • FM-200 Heptafluoropropane, a chemical-based gas suppression system
Connectivity	• Carrier neutral • Multiple diverse entrances to building • Connected to the Six Degrees international network, providing connectivity to different data centres across the UK, Europe and America • 1Gbps/10Gbps/100Gbps network • Cloudhop services to all major cloud providers – AWS, Azure, Google etc.
Amenities	• Customer rest area equipped with welfare amenities, toilets and showers • Meeting rooms available for customer use

Our Carriers

BT · Virgin · neos NETWORKS · 6° Six Degrees

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 our Studley data centre, visit: hub.6dg.co.uk/schedule-call-colocation