

# BIRMINGHAM CENTRAL



Secure, resilient, cost-efficient data centre  
hosting in the heart of Birmingham

Six Degrees' Birmingham Central data centre is Uptime Institute Tier III design certified, and offers secure, resilient, and cost-efficient colocation services within easy reach of Birmingham's three train stations.

## Why Birmingham Central?

Six Degrees' Birmingham Central site is the 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.

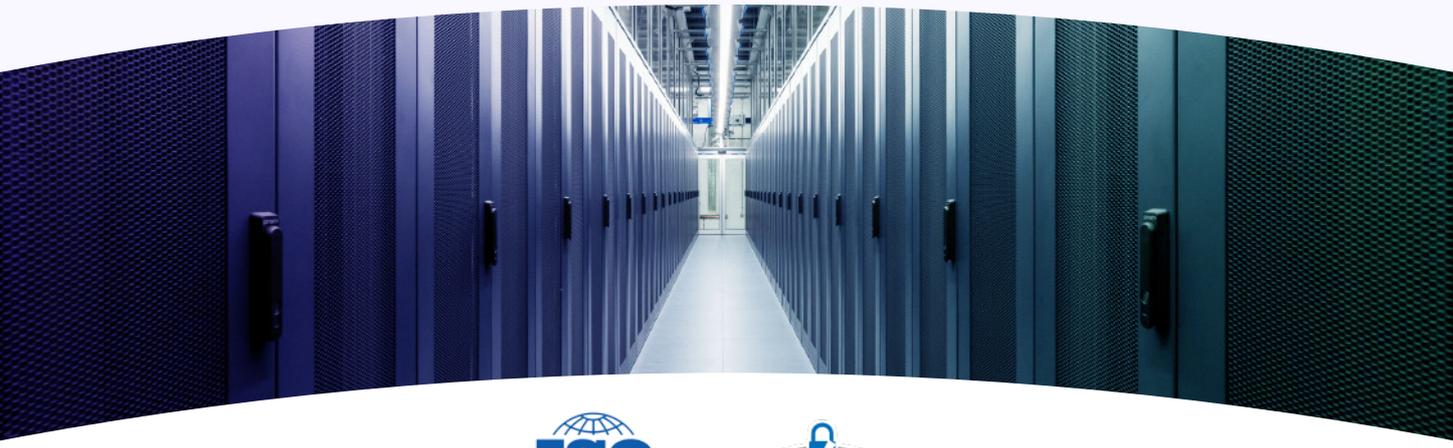
Features	Benefits
<b>General</b>	<ul style="list-style-type: none"><li>• Single storey 5,800 m2 purpose-built facility</li><li>• Constructed in 2016, with Uptime Institute Tier III design certification of plans</li><li>• Two data halls with a total of 2,000 m2 technical whitespace</li><li>• 5 metre slab to slab height</li><li>• Floor loading 12kN/m2 UDL (Uniform Distributed Load)</li><li>• High energy efficiency with a design PUE of &lt;1.3</li></ul>
<b>Power and Resilience</b>	<ul style="list-style-type: none"><li>• 4.3MVA delivered by separate, diverse 11kV utility feeds</li><li>• Average density 1.5kW/m2</li><li>• Distributed redundant system with separate A+B power feeds per rack</li><li>• Uninterruptible Power Supply (UPS) configured as N+1 with minimum 10 minute autonomy</li><li>• Multiple, continuously rated diesel generators configured as N+1</li><li>• Minimum 48 hours of fuel located on-site</li></ul>
<b>Security and Monitoring</b>	<ul style="list-style-type: none"><li>• Full perimeter security including PAS 68 rated access gates and dedicated gatehouse</li><li>• Electronic access control including PIN and biometrics, with full auditing and reporting</li><li>• Three, separate single person anti-tailgating entry points</li><li>• &gt;100 digital CCTV cameras covering all internal and external areas with analytics and virtual tripwire</li><li>• Up to 90 days' retention of CCTV footage. Security systems linked to the building management system (BMS) and Six Degrees' network operations team</li></ul>



Secure, Integrated Cloud Services

Features	Benefits
<b>Fire Protection</b>	<ul style="list-style-type: none"> <li>• High Sensitivity Smoke Detection (HSSD) System</li> <li>• Double interlocked, gas-based fire suppression system</li> <li>• Fire controls in accordance with BS 5839 and BS 6266</li> <li>• Building-wide, floor-based fire detection with ionisation and optical detectors in multiple zones</li> </ul>
<b>Cooling</b>	<ul style="list-style-type: none"> <li>• Indirect adiabatic fresh air cooling</li> <li>• N+1 redundancy</li> <li>• Maintained to ASHRAE TC9.9</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• Truly carrier-neutral - connectivity to all third-party PoP sites on net</li> <li>• Access to multiple telecommunications providers including: BT, Virgin Media, Zayo, Neos Networks, Colt/Level3/Lumen/Centurylink, Telcom, ITS, Vodafone, Cogent</li> <li>• Access to the Six Degrees' Next Generation Network (NGNv2) providing data centre to data centre (including all Six Degrees PoP sites), internet and MPLS connectivity across the UK, Europe and the US</li> </ul>
<b>Amenities</b>	<ul style="list-style-type: none"> <li>• 15 parking spaces and a loading bay</li> <li>• Secure storage in addition to both a de-box room and a build room</li> <li>• Customer rest area with tea and coffee facilities</li> <li>• Meeting rooms (available upon request)</li> <li>• Informal meeting spaces with booths including TV and telephony capability</li> <li>• Two dedicated meet-me rooms</li> </ul>

### Our Carriers



### Our Colocation Credentials



To learn more about our Colocation services, or to book a visit to our Birmingham Central data centre, visit: [hub.6dg.co.uk/schedule-call-colocation](http://hub.6dg.co.uk/schedule-call-colocation)