

NODE4



Data Centre Overview

Northampton

An overview of DC4. Node4's flagship, Northampton based Data Centre.

Only an hour from London and just off the M1 corridor, our Tier 3+ standard Northampton Data Centre covers 41,000ft² square feet and houses 800 rack space capacity.

Our Data Centres are kept safe, secured and manned 24/7 with full perimeter security fencing. In line with PCI DSS requirements we operate extensive CCTV coverage (90-day retention), strict access policies and zonal proximity card systems.

Our onsite team are ready to assist with remote hands and eyes should the need arise.

We can also assist with customers looking to achieve an Impact Level classification (IL2 and IL3) and its 2014 replacement, Official.

Facility overview DC4 Specifications

- 41,000ft²
- Three data halls
- 800 Racks
- ISO 27001 accredited; PCI compliant
- Tier 3+ standard
- Remote hands and eyes available
- 100% SLA on power and cooling uptime
- 24/7/365 CCTV monitoring and on-site security
- Racks are 600 x 1200mm 47u as standard. 800 x 1200mm also available upon request

Security Safe and secure

- ISO27001 accredited
- Photo ID & proximity card access
- Hi Def CCTV with 90 day retention
- 24/7 onsite security presence
- High security perimeter fencing

Power Reliable, uninterrupted power

- 4.0 MVA N+N
- REGO certified energy supply
- N+N UPS with 25-minute autonomy
- 4 x 2 MVA Transformers N+N
- N+1 generators with minimum 72 hours of fuel
- Up to 32 Amps 8kW per rack as standard
- All racks resiliently dual feed with zero U PDUs.



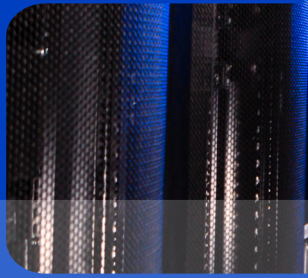
Liam Taylor
Head of Data Centre Operations

NODE4

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Cooling

Cooling and fire protection

- N+N Airedale free cooling water-based chillers
- N+N high efficiency CRAH units / Cool Wall
- N+1 EFC Indirect Evaporative Coolers
- Hot or cold aisle containment
- Fully monitored environment
- VESDA early stage smoke detection in all halls
- Fully addressable two stage fire detection system
- IG55 Argon/Nitrogen fire suppression systems

Connectivity

A resilient, blended feed

- Carrier neutral facility offering customers freedom of choice to multiple Tier 1 providers
- Part of the Node4 core network
- Resilient connections to our other Data Centres
- Resilient connections to our POP's (Telehouse North, Telehouse South, Equinix MA1 and MA5)
- Diverse fibre routes into the building

Certifications

Industry standard

- ISO 9001: 2015 Quality Management
- ISO 14001: 2015 Environmental Management
- ISO 20000-1: 2018 IT Service Management
- ISO 22301: 2019 Business Continuity Management
- ISO 27001: 2013 Information Security Management
- ISO 27017: 2015 Security for Cloud Services
- ISO 27018: 2019 Protection of PII in Public Cloud
- ISO 50001: 2018 Energy Management
- PCI - DSS a₆estation
- Cyber Essentials
- Cyber Essentials Plus



Ryan Kirby
Data Centre Engineer

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