

Tier 3+ Data Centre



Datanet's Tier 3+ Data Centre: perfect for cloud-server hosting

Our Fleet HQ Data Centre is a high-powered, cost-effective energy efficient environment, ideal for business class hosting. We manage the core infrastructure of your distributed cloud network via resilient links to our other Data Centres

Prime location

Close to London, just outside M25

- 1 mile from J4A, M3
- M25, J12, 15 mins
- Heathrow 25 mins
- London Waterloo 50 mins

Earth friendly

Green operation

- Heat Exchange Cooling air conditioning
- HiCoP (High co-efficient of Performance)
- Cold aisle contained cooling
- Reduced power UPS = low carbon footprint
- Eco-friendly servers deployed

100% secure

Highest possible security

- ISO 27001 certified
- 24x7 security patrols
- 16 real-time recording IP cameras
- Centrally controlled electronic door locks
- Window grills, shuttering, perimeter fence

Supporting you

Making it easier

- On-site engineering team
- Separate build room
- Delivery acceptance and storage
- Server/Firewall/router/switch installs
- VMWare, Cisco, Dell, MS & Linux expertise
- Advanced connectivity suite

Datanet's Tier 3+ Data Centre

Technical Specification

Datanet's Fleet Data Centre houses over 100 racks with up to 32Amp power per rack fed from a dedicated substation, along with cold aisle containment, and diverse multiple Gigabit fibre connections

Larger racks

Easier server access

- 47U, 1000 mm deep, 700mm wide
- Dual 8kW per rack
- Dual 32 amps PDU's with ammeters
- Diverse data delivery above racks

More power

Very high Amps/kW per square foot

- 1.5MVA dedicated substation on site
- National grid dual feed
- 2500Amp x 3 phase dedicated switch panel
- Multiple modular UPS, Powerwave 9000 DPA with 99.9999% uptime
- 3 x Generators with diesel to support 4 days full building load

Data floor

Final phase completed end of 2010

- 4250 square feet of technical space
- Under floor power distribution
- Electrostatic discharge heavy duty data floor with earth bonding every 9M

Better cooling

High efficient cooling

- Contained cold aisle solution, cold air plenum above racks
- Multiple N+1 Denco Computer Room Air conditioning
- High performance seasonal free cooling
- High co-efficient of performance background cooling
- Fresh air system with heat exchangers

Faster connectivity

Diverse, resilient networks

- Separately routed multiple Gigabit fibre connections from 3 Telco providers
- Secure Telco room with redundant Cisco 6509 switches
- Racks connected via top-of-rack switches with twin 1Gb Ethernet links to core switches

Fire and smoke detection

Very Early Smoke Detection Apparatus

- 20 zone digital addressable alarm panel
- Intelligent smoke detectors on racks and cooling units

JF.DS.DC.V2.12.12.12