

The ultimate data centre platform for online business

 **DELTAHOUSE**
the digital hub of Manchester

Colocation: owned, operated, delivered



TeleData's 70,000sqft Delta House is simply one of the most resilient and secure data centres in Europe.

Located in the thriving digital City of Manchester and with capacity for hundreds of server racks it's one of the only facilities of its kind to offer 2(N+N) levels of power resilience and BS5979 security accreditation.

Network availability is as superb as it is diverse and the sheer number of providers bringing fibre into the data centre means you can connect from there to anywhere, with high capacity and low latency.

Utilised by businesses from all sectors to minimise the risks of IT downtime and designed to maximise the performance, security and availability of data, applications and online resources, TeleData's Delta House facility is the ultimate platform to accommodate your server platform.

— **Matt Edgley**

Commercial Director, TeleData Group



Key features

- Tier 3 standards, Tier 4 uptime record
- 70,000sq ft building
- Colocation space for 300+ server racks
- Up to 2(N+N) power resilience
- Concurrently maintainable infrastructure
- Security to BS5979 and BS8418 standards
- Over 20 network providers on-site
- High density areas
- Racks, cages and dedicated Rooms
- Disaster recovery office space

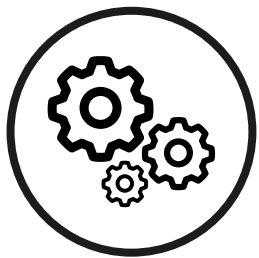
Independent and client focused

We're proud of our independence and the commercial agility this allows. Our understanding of client need and appreciation of your growth objectives allows us to consistently deliver individual solutions to suit every colocation requirement from the small to the very large.

Network availability

On-site network providers include:

- | | | | |
|--------------------|------------------------|------------|--------------------|
| • Allegro Networks | • Eison | • Level 3 | • Virgin Media |
| • Avensys | • Elite Telecom | • Metronet | • Vispa |
| • BT | • Hibernia Atlantic | • N3 (NHS) | • Vodafone (C&W) |
| • Cogent | • Internet Connections | • SSE | • Talk Internet |
| • C2 Internet | • IX Reach | • TeleData | • Boundless Comms. |



Key services

Racks, cages and suites

Flexible solutions for renting dedicated data centre space to accommodate your owned equipment. Options available include single server colocation, quarter and half racks, full racks and dedicated secure suites and cages. We can accommodate up to 20kW per rack delivered on diverse power supplies for complete resilience.

Support and services

All colocation includes 24/7/365 manned helpdesk, TeleData's qualified technical support engineers are available around the clock and work to guaranteed response times.

Carrier neutral connectivity

TeleData is carrier-neutral, enabling clients to choose between multiple connectivity offerings ranging from BGP & Tier1 bandwidth, point to point circuits and high performance wave-length and dark fibre solutions.

Power

High-capacity electricity supplies with backup provided by 2(N+N) uninterruptible power supply (UPS) systems and diesel generators with a minimum of 1 week's fuel supply on site. A private onsite substation is diversely fed on a "Priority A" ring which hasn't lost power in more than 20 years.

Cooling

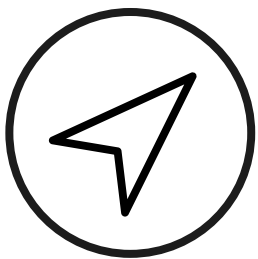
High-capacity, dual circuit, dual component air conditioning systems supported by an environmentally intelligent approach to energy efficiency, including cold aisle containment installations and intelligent DX and Free Air Cooling technology. Minimum resilience of cooling infrastructure is N+1.

Physical security and surveillance

A combined physical & technical approach to security including a 24/7/365 onsite BS5979 and BS8418 accredited Security Control Centre, perimeter protection with full height security fencing and virtual tripwires, double skinned man-traps, biometric scanners and turnstiles all integrated with our fully audited access control systems.

Fire security

“Very Early Smoke Detection Apparatus” (VESDA) and FM200/Argonite fire suppression throughout data centre areas ensures that fire security is comprehensive, effective and non-destructive to client systems or hardware.



Location

Stand-alone, central and convenient

The data centre is completely separate, geographically and physically, from the well-known data centre clusters elsewhere in Manchester. We are within a mile of Manchester’s comprehensive Motorway networks and within some of Manchester’s most exciting digital developments and regeneration projects.

Central to Manchester’s Airport City and Enterprise Zones

Manchester’s Airport City is an £800m development project set to become a globally connected business destination within 2 miles of Delta House. A vibrant economic hub with connectivity at its heart, Airport City and the surrounding Manchester Enterprise Zones provide an influential and cutting edge digital business environment crucial to Manchester’s goal to become one the world’s foremost digital cities by 2020.



How to find us



By road

Junctions 4 and 5 of the M56 are just over 1 mile away, connecting us with the most comprehensive motorway network in the country.

By rail

Heald Green is the closest regional train station, with rail and bus services at Manchester Airport ground transport interchange. Main Line (Virgin trains) connections are available at Manchester Piccadilly and Stockport train stations.

By Metrolink

A modern, high quality gateway linking Manchester Piccadilly to Manchester Airport, stopping within a 2 minute walk of the data centre.

By air

Manchester International Airport is the UK's second largest airport serving over 180 worldwide destinations and is just over 1 mile away.

TeleData UK Ltd

Delta House, Wavell Road,
Manchester, M22 5QZ

t: +44 (0)333 888 4083

e: enquiries@teledata.co.uk

www.teledata.co.uk



Technical specifications summary

Rack configurations

- **Space solutions:** Half and quarter racks available. Full racks 42, 47 and 48U
- **Caged space:** Dedicated secure metal cages for multiple racks
- **Options:** N+N to 2(N+N) single/dual feed power options
- **Power capacity:** 20KW available power load to individual racks

Rack power protection

- **Mains feeds:** Direct 11,000 HV dual feeds to private HV sub station. 'Priority A' supply
- **UPS:** 2(N+N) Configuration Riello UPS systems
- **Generators:** Caterpillar standby diesel generation. 10,000L fuel on-site.

High capacity cooling

- **Data centre:** Dual circuit DX and Free Air Cooling Air Handling Units
- **Resilience:** Minimum N+1 configuration
- **Plant room:** Adiabatic cooling backed with multiple split AC units

Security and fire protection

- **Control centre:** Manned security on-site 24x7. BS5979 and BS8418
- **Secure access:** Available 24 hours. Biometric, pin code and swipe card access control
- **Perimeter:** Anti-climb fence, Infra-Red sensors, automated gates
- **CCTV:** 24/7 CCTV monitoring to BS8418 standards with voice challenge
- **Fire detection:** VESDA smoke detection FM200 and Argonite suppression