

# Connectivity Specifications

## The Data Centre:

- Infrastructure is primarily based on Geo Networks fibre, making it the newest national network, and capable of supporting up to 88 wavelengths each of 10Gb, 40Gb or 100Gb
- Dedicated fibre connections into key Internet Exchanges enabling customers to benefit from connectivity to over 200 carriers through our innovative “wavelength cross-connect” to major internet exchanges
- Cost-effective and scalable internet access, using dedicated bandwidth and diverse routes including the option to connect to Europe and the USA, avoiding London Docklands completely.
- High bandwidths (1Gb, 10Gb and 40Gb/100Gb) and optical handovers for simplicity and low latency



## 10GB Ethernet Connections from Aegis to the following Data Centres:

- Docklands: Telehouse North/East/West, Telecity Harbour Exchange, Sovereign House, Meridian Gate, Bonnington House, Global Switch, London Hosting Centre, BIS Greenwich.
- City: Telehouse Metro, City Lifeline, Interxion, Level 3 Goswell Road.
- Outer London: LDeX (Staples Corner), Sentrum Colo (Hayes), Virtus (Enfield), Equinix LD 4&5 Slough, Netwise (Sutton).
- National: NGD (Newport, Gwent), Iomart (Nottingham, Leicester, Glasgow).
- Fibre Channel at 4Gb and 8Gb, OTN and STM protocols to all of the above Data Centres.
- 1Gb and 100Mb Ethernet to all of the above and nationally.
- IP Transit services from 10Mb – 10Gb are provided via multiple Tier 1 providers and LINX. There is also an option to be fed from Equinix LD5 Slough for internet connectivity to the USA via Manchester and to Europe via Kent, thereby avoiding London Docklands for resilience. We can provide preferential routing via a chosen Tier 1 Carrier and fall-back to secondary carriers if required.

## Contact us:

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