Data Centre Connect

DC Connect is IDE Group's primary Ethernet connectivity solution for Data Centre locations. Based on Point to Point and Point to Multipoint connections, DC Connect provides the ability to link equipment and services hosted in Data Centres to other sites, service providers and the Internet.

Our network is an any to any network, this means once a business has a port on the network in an on-net location, then it is possible to interconnect with any other site or service provider on the entire network. DC Connect enables Carriers, ISPs, content providers and businesses of all sizes to access a wide selection of Data Centre and POP locations, gaining access to a diverse partner network of Internet Exchanges, Telephony and Cloud Providers, Carriers and other geographical territories.

DC Connect is available at over 50 on-net DC/PoPs in the UK, with this number growing month on month, it provides the ability to reach more than 100 DC in the UK through partner network connections and extend directly to 1000's business premises. Partner network connections further expand the reach of DC Connect, providing International connectivity to more than 1000 Data Centres around the world.

Why choose DC Connect?

Traditionally Data Centre Interconnect services are typically delivered on the basis of 10Mbps, 100Mbps and 1Gbps services, however, the market and demand is changing, bandwidth requirements are increasing by 60% each year.

As a result, connectivity solutions of 10Gbps and 40Gbps are now more commonly required, but few providers in the UK can provide 10Gbps MPLS Ethernet connections as a standard service, and even fewer can provide 40Gbps circuits.

Our network has been specifically designed with this type of High Capacity Interconnect in mind, providing IDE Group with a substantial USP over our competitors. Many sites are already capable of delivering 100Gbps interconnects, with this number increasing based on demand.

Key features of DC Connect

✔ All services are provided on MPLS/VPLS Pseudowires instead of standard Layer 2 VLANs

✔ All circuits are protected as standard, presented as transparent Layer 2 over our MPLS network

✔ QinQ is offered natively as standard on all ports, so customers can tag their own VLANs

✔ Low latency connections, with dual fibre ring routing resilience

✔ Ultra-low latency routes available on request in certain DC locations

Types of Interconnect are available

The unique flexibility of our network means that we can offer a range of standard and bespoke services at all On-Net locations, this includes, but is not limited to:

- Single P2P Interconnect
- Resilient P2P Interconnect
- Site to Multisite Interconnect, with single VLAN/VPLS
- Site to Multisite Interconnect, with multiple VLAN/VPLS
- Site to Off-Net site(s) via 3rd party network connections
- Burstable Interconnect

Visit our website **idegroup.com**

Or call **0344 874 1000** to discuss your requirements

Flexible service and contracts

DC Connect is highly flexible from both a service and contractual perspective due to the fact that IDE Group own and operate all parts of the service, this supports the following benefits:

Expedited Services

- Many DC Connect services in On-Net locations can now be delivered in a single day where required, this provides the ability to rapidly expand connectivity or deliver additional capacity where it is required, making IDE Group with our network an excellent strategic partner.

- In addition, we have multiple vendor agreements in place with dark fibre and connectivity providers, allowing us to deploy fibre leased lines up to 10Gbps in as little as 10 days.

Short Term commitments

- Another benefit to our network is that IDE Group can offer very short term commitments to support variable demand, including weekly and rolling contracts.

Elastic Bandwidth

- Many business customers have very variable but predictable bandwidth requirements; Media businesses for example, can accurately predict peak demand around usage patterns or exceptional events such as a major film launch or sporting event.

- DC Connect supports this by allowing them to consume bandwidth in an elastic manner, providing ultimate flexibility and potential cost savings. Instead of purchasing a low committed data rate and paying a premium for bursting, Elastic Bandwidth allows customers to purchase a port on the network on a standard contract, but vary the bandwidth commitment on a regular basis.

DC Migration Connections

- IDE Group can provide a temporary connectivity service between Data Centres to aid migrations.

- After the physical Data Centre move itself has been completed, the second most difficult item is moving networks and IP's. Larger providers are typically not willing to provide short term agreements, but DC Connect can offer short periods of 1 or 2 months during Data Centre migrations. Customers will pay a slight premium for this service based on month for month comparison, but, not having to commit to 12/24 months means that the savings to be had are significant in terms of TCO.

Ultra-Low latency connections

Our IDE Group network is designed to be low latency across the entire footprint, this is especially beneficial where a client wishes to connect multiple locations in an efficient manner.

Where ultra-low latency is required, for example in financial trading, this is a specific service which must be designed and monitored in order to deliver effectively. The IDE Group network is able to provide Ultra-Low Latency service on specific high profile routes.

Generally provided on a non-Ethernet layer over links where the shortest direct path currently possible between 2 locations is deployed. Dedicated and premium service which carries a significant performance and financial premium to deliver.

IDE Group can offer a choice of short haul and long haul ultra-low latency circuits, the focus of which is around the major financial markets and trading centres, with London at the centre of our own network.