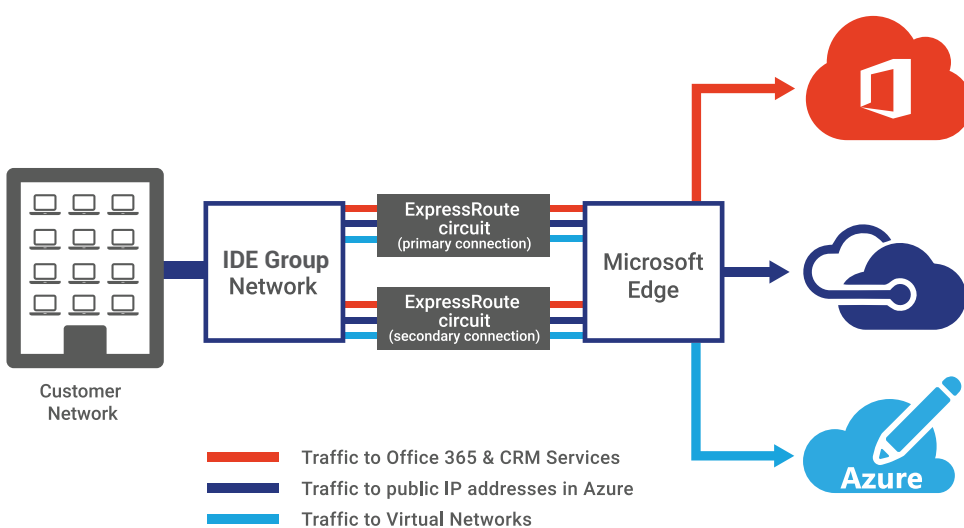


IDE Group Cloud Connect for Microsoft Azure ExpressRoute

IDE Group Cloud Connect for Microsoft Azure ExpressRoute lets you create private connections between Azure data centres and infrastructure on your premises or in a co-location environment. ExpressRoute connections don't go over the public Internet, they allow you to extend your existing networks directly into the Microsoft cloud over a dedicated private connection.

They offer more reliability, faster speeds, lower latencies and higher security than typical Internet connections. In some cases, using ExpressRoute connections to transfer data between on-premise systems and Azure can yield significant cost benefits. With ExpressRoute, you can establish connections to Microsoft cloud services, such as Microsoft Azure, Office 365, and CRM Online.



KEY BENEFITS

- ▶ Layer 3 connectivity between your on-premise network and the Microsoft Cloud through IDE Group private network.
- ▶ Connectivity to Microsoft cloud services across all regions in the geopolitical region.
- ▶ Global connectivity to Microsoft services across all regions with ExpressRoute premium add-on.
- ▶ Dynamic routing between your network and Microsoft over industry standard protocols (BGP).
- ▶ Built-in redundancy in every peering location for higher reliability.
- ▶ Connection uptime SLA.
- ▶ QoS and support for multiple classes of service for special applications, such as Skype for Business.

Visit our website idegroup.com

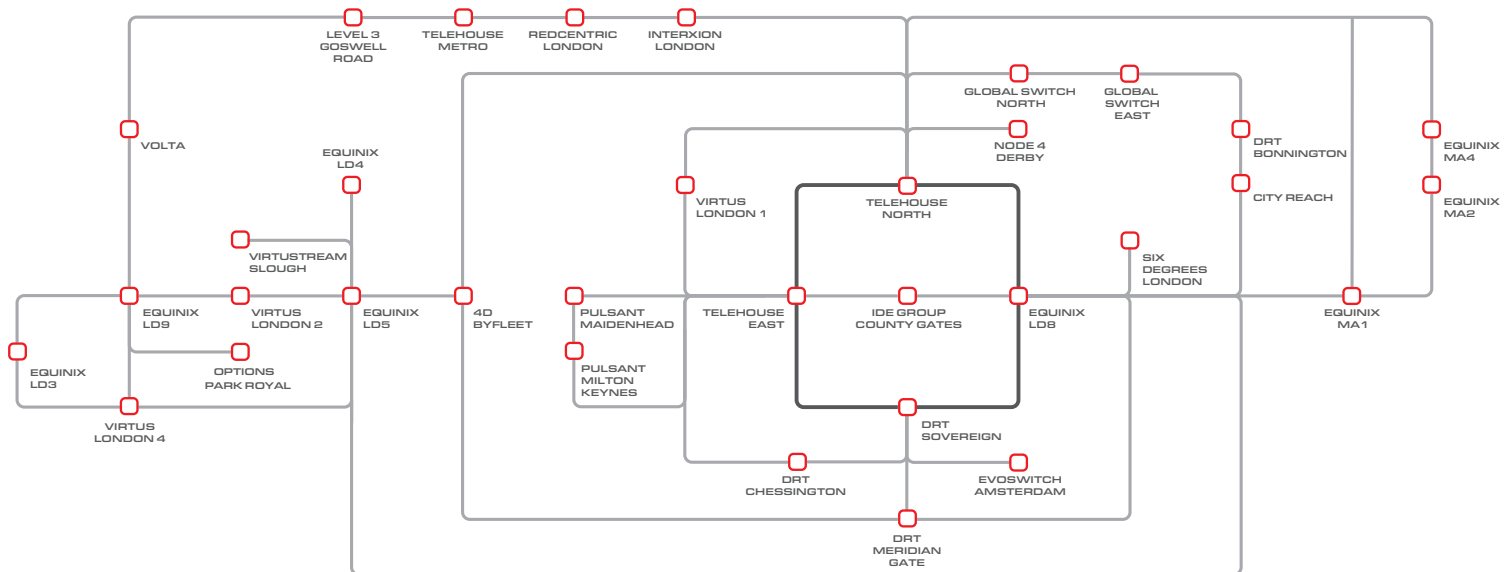
Or call **0344 874 1000** to discuss your requirements

Make your connections fast, reliable & secure

Storage, backup & recovery: ExpressRoute gives you a fast and reliable connection to Azure, making it suitable for scenarios like periodic data migration, replication for business continuity, disaster recovery and other high-availability strategies. It can be a cost-effective option for transferring large amounts of data, such as datasets for high-performance computing applications, or moving large virtual machines between your Dev-Test environment in Azure and your on-premise production environment.

Extend your data centre: ExpressRoute lets you securely add compute and storage capacity to your existing data centre configuration. With high throughput and fast latencies, Azure will feel like a natural extension of your data centre estate, so you enjoy the scale and economics of the public cloud without having to compromise on network performance.

Build hybrid applications: With predictable, reliable and high-throughput connections offered by ExpressRoute, you can build applications that span on-premise infrastructure and Azure without compromising security or performance. For example, you could run a corporate intranet application in Azure that authenticates users with an on-premise Active Directory service, and serve all corporate users without traffic ever routing through the public Internet.



Connecting to ExpressRoute

IDE Group Cloud Connect allows you to connect to Microsoft Azure ExpressRoute from any of our On Net Data Centres. We maintain resilient connections directly into the Microsoft cloud and deliver VPN connections across our own private network straight to your equipment rack location. IDE Group operates the best connected Data Centre network in the UK (fig. 1), which means we are able to reach a very large number of colocation facilities.

We also maintain secure interconnects with all of the leading National and International connectivity providers, this allows us to extend our network directly to your business premises wherever they are located across the UK. This powerful solution enables you to benefit from Azure ExpressRoute connections over a totally private network, directly from your existing premise.

Visit our website idegroup.com

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

Supported bandwidth options

IDE Group Cloud Connect for Microsoft Azure ExpressRoute can be delivered for a wide range of bandwidths, it can also be provisioned as a VPN alongside multiple other services over an existing On Net connection to our network, allowing you to maximise the use of your network port.

Whilst our network ports are typically deployed at 1 or 10Gb, we can provision Azure circuits at a range of standard increments of **50 / 100 / 200 / 500 Mbps and 1 / 2 / 5 / 10 Gbps**. You have the ability to increase the ExpressRoute circuit bandwidth (on a best effort basis) without having to tear down your connections.

Redundancy

Our core network interconnects into the Microsoft Cloud are resilient and each ExpressRoute circuit consists of two connections to two Microsoft Enterprise edge routers and we utilise dual BGP connections – one to each MSEE. We can deliver end to end resilience across the network or you may choose not to deploy redundant devices / Ethernet circuits at your end.

IDE Group uses redundant devices to ensure that your connections are handed off to Microsoft in a redundant manner. A redundant Layer 3 connectivity configuration is a requirement for the Microsoft SLA to be valid.

Flexible billing models

IDE Group Cloud Connect has a fixed monthly access fee, you can then choose a Microsoft Azure ExpressRoute billing model that works best for you:

Unlimited data

The ExpressRoute circuit is charged based on a monthly fee, and all inbound and outbound data transfer is included free of charge.

or

Metered data

The ExpressRoute circuit is charged based on a monthly fee. All inbound data transfer is free of charge. Outbound data transfer is charged per GB of data transfer. Data transfer rates vary by region.

IDE Group helps to transform organisations through high performance technology solutions built and delivered on our own data centre and network infrastructure. People are at the centre of IDE Group's business; removing barriers, enabling workflow, empowering users and utilising the opportunities presented in the new digital economy.

For more information visit: idegroup.com

