

# Dedicated Cloud Access

colt

Secure and reliable connectivity to the Microsoft Azure cloud

## Benefits at a glance

- **Enhanced security**

The traffic between any enterprise site and ExpressRoute access PoP is routed entirely across the Colt network, so that customers can be assured that their mission-critical traffic is safe

- **Better resilience**

Colt's award-winning network services are provided with a high degree of resilience. Moreover, customers have a number of enhanced configuration options for Disaster Recovery and High Availability purposes

- **Faster performance**

Colt operates one of the lowest latency networks in Europe and Asia, so data is routed over the lowest-latency paths to the Microsoft cloud

- **Predictable experience**

Making your traffic independent of the internet means that your customers and own business users can enjoy consistent performance from your apps

## Does your business use Microsoft's cloud services? Do you find that access over the public internet is slow and unreliable?

Under our Dedicated Cloud Access service, we can provide secure and reliable private network connectivity between enterprise data centres or office locations and the Azure or Office 365 clouds through Microsoft's ExpressRoute service.

## Microsoft Azure

Colt is a Microsoft ExpressRoute connectivity partner, and we can provide Ethernet (with an optional managed router add-on) and IP VPN access to the ExpressRoute private network access points.

Customers enjoy not only the Colt network benefits, but also our 24/7 multilingual support facility which supports our service SLA. Our proposition is recognised every year by the Metro Ethernet Forum (MEF) as industry-leading.

Colt owns and operates a pan European and Asia Pacific network that has direct fibre access into over 850+ Data

Centres and 27,500+ enterprise buildings. This means that Colt controls the end-end infrastructure between the hand-off to the enterprise and the cloud service provider.

### Accessing the Microsoft cloud

In common with many cloud services providers, Microsoft separates access points ("PoP") from the Data Centres ("regions") in which the services are manufactured.

Colt can provide direct fibre-based connectivity to the majority of Azure PoPs in both Europe and Asia Pacific, which simplifies speeds provisioning, and gives optimum traffic routes for customers.

### On Demand capability

Colt Dedicated Cloud Access service is also available On Demand to disrupt and transform the user experience. Thanks to SDN technology, our customers benefit from real-time ordering, provisioning and service flexing through a self-serve portal.

## Our network

### The most extensive coverage in Europe and Asia :

- 187,586 km of LDN, metro fibre and subsea & terrestrial leased capacity
- 30+ countries across 3 continents
- 200+ connected cities
- Metropolitan area networks in 50+ cities
- 27,500+ buildings and 850+ Data Centres directly connected

## A wide range of connectivity options

Colt Dedicated Cloud Access includes a range of connectivity options that have been customised for better integration into ExpressRoute, Microsoft's private connectivity architecture. This includes point to point Ethernet for customers who need to connect a single site (with a 'managed router' as an option) and IP VPN for customers who want to share Azure access across multiple sites. Once you have put in place an ExpressRoute connection, you will be able to consume Azure cloud services and Office 365 across secure and reliable network connections.

### Available service option

The below table summarises the available services and bandwidths:

Microsoft port size	Colt service bandwidth	Ethernet	IP-VPN
50Mbps	50Mbps		
100Mbps	100Mbps		
200Mbps	200Mbps		
500Mbps	500Mbps		
1Gbps	1Gbps		
2Gbps	2Gbps	On request	On request
5Gbps	5Gbps		
10Gbps	10Gbps		

## Awards

### Service innovation



### Global reach



### Technical excellence



### Vertical services



### Customer focus



When it matters, customers choose Colt.

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