

Dedicated Cloud Access

colt

Secure and reliable connectivity to the cloud

Benefits at a glance

• Enhanced security

The traffic between any enterprise site and cloud 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 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 clouds.

• 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 cloud services? Do you find that access over the public internet is slow and unreliable?

With our Dedicated Cloud Access service, we can provide secure and reliable private network connectivity between enterprise data centres or office locations and the Cloud Service Providers.



Other CSP's on request

Colt is a direct connectivity partner with the main players, including Microsoft Azure, Amazon Web Services, Google Cloud Interconnect, IBM Direct Link, Oracle Cloud Infrastructure and Alibaba Cloud to provide Ethernet (with an optional managed router add-on) and IP VPN access to cloud network access points.

Colt is also able to provide access to CSPs such as SAP, Salesforce, VMWare and many others.

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, Asia Pacific and US network that has direct fibre access into over 900+ Data Centres and 29,000+ 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 cloud

Most of the Cloud Services Providers have separate access points ("PoP") from the Data Centres ("regions") in which the services are housed.

Colt provides direct fibre connectivity to the Cloud Service Providers PoPs in Europe, Asia Pacific and the US, which simplifies speeds of provisioning, and gives optimum traffic routes for customers.

On Demand capability

Colt Dedicated Cloud Access service is also available On Demand to enhance and simplify 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 :

- 187,000 km of LDN, metro fibre and subsea & terrestrial leased capacity
- 32+ countries across continents
- 213+ connected cities
- Metropolitan area networks in 50+ cities
- 29,000+ buildings and
- 900+ 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 the cloud.

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 cloud access across multiple sites.

Available service option

The below table summarises the available services and bandwidths:

CSP product	Connection into CSP	Colt service bandwidth	Ethernet	Managed Router	IP VPN
AWS Direct Connect	100-500Mbps hosted port	100-500Mbps	✓	✓	✓
	1-10Gbps dedicated port	100Mbps-10Gbps	✓	✓	On request
Microsoft Azure ExpressRoute	50Mbps-10Gbps	10Mbps-10Gbps	✓	✓	✓
Google Cloud Interconnect (GCI)	50Mbps-10Gbps GCI Partner	10Mbps-10Gbps	✓	On request	On request
	10Gbps GCI Dedicated	1-10Gbps	✓	On request	On request
IBM Direct Link	1-10Gbps IBM Direct Link Dedicated	500Mbps-10Gbps	✓	On request	On request
	50Mbps-5Gbps IBM Direct Link Connect	10Mbps-5Gbps	✓	On request	On request
Oracle Cloud Infrastructure (OCI) FastConnect	1-10Gbps OCI Oracle Provider	10Mbps-10Gbps	✓	On Request	On Request
	1-10Gbps OCI 3rd Party Provider	500Mbps-10Gbps	✓	On Request	On Request
Other CSP's	Depending on CSP	10Mbps-10Gbps, depending on CSP	✓	On request	On request

Awards



Cloud & Carrier Platform

Best NaaS Platform

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Product & Solution

Best New Cloud-Optical Solutions

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When it matters, customers choose Colt.

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