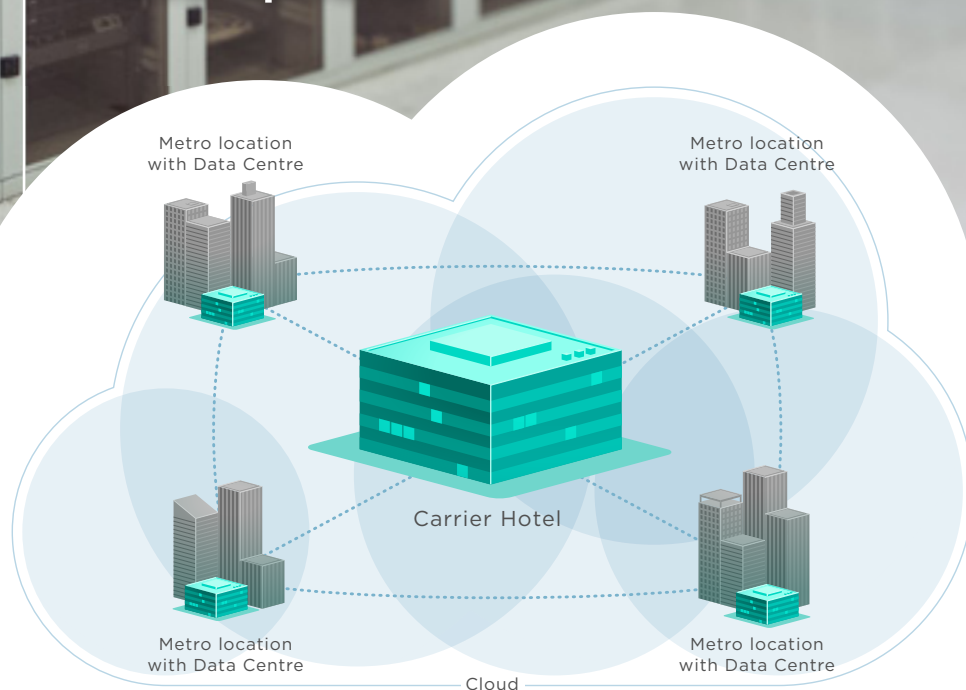




# Campus Network Service

Customers can connect to critical infrastructure with the help of 10 Gbps and 100 Gbps Ethernet and Wave options



Campus Network Service connects our data centres within the same metro area or country

**Colt DCS's high-bandwidth Campus Network Service** addresses the requirements of enterprises, system integrators and cloud service operators requiring connectivity between data centres. The service connects Colt's data centres in the same metro or country.

Additionally, the network has grown to include the most significant third-party carrier hotel data centre in each metro area. Colt DCS offers a complete turnkey solution with colocation in dual sites plus connectivity. The turnkey solution helps our customers ensure resiliency. It also

represents an opportunity to save money when compared to a solution from multiple providers thanks to efficiencies that come with single sourcing.



**Colt DCS service is based on leading Ethernet and Wave networking technology** from Ciena and Infinera and supported by partner Colt Technology Services. Our Ethernet service provides a simple point-to-point private connection between any two sites. There are 1 Gbps and 10 Gbps options; the 1 Gbps offer is easily upgradeable.

The Ethernet service is a protected service for maximum resiliency. Our Wave option provides a defined route between the two selected locations and bandwidths of 10 Gbps or 100 Gbps. We have pre-provisioned DWDM equipment within the available locations, meaning we can offer extremely rapid service delivery and upgrade.

### Reliability

We're here to help protect your business. High availability can be assured using our resilient platform with options for protection; we will work with you to design a service, which is geographically diverse from other routes you may currently use.

### State-of-the-art networking

Leverage Colt Technology Services investment in an ultra-modern DWDM/OTN optical core network that delivers 100 Gbps today – with a path for upgrades.

### Simplify management

Rely on one partner and a single Service Level Agreement with proactive management and performance monitoring.

### Low-cost access to carrier hotel

Many carrier hotel data centres are expensive locations for colocation with limited space. Colocating in a Colt DCS data centre and accessing the carrier hotel via our Campus Network Service can deliver a more flexible and cost-effective solution.

### Cost-effective, dual-site platforms

The Colt DCS has multiple sites in several countries, our Campus Network Service connects our sites enabling Colt DCS to deliver a one-stop shop solution. It's a suitable solution for communication service providers (CSPs) and system integrators (SIs) looking to support Core and Edge requirements or enterprises in need of a disaster recovery option.

# Product Specifications

## Colt Ethernet Line

The Ethernet Line Service provides full duplex and transparent delivery of customer traffic between two dedicated customer interfaces.

Ethernet Line is available with either 1Gbps or 10Gbps service options. Customers can choose whether the Service is routed across unprotected or protected network paths. A range of diversity options are available.

The available interfaces are shown in the below table:

Port Speed	Interfaces	Locations
1 Gbps	1000BASE-T	All
	1000BASE-SX/LX	All
10 Gbps	10GBASE-SR/LR/ER	All

## Wave Services

The Wave Metro service provides connectivity between Colt Data Centres and specified third-party data centres.

The service is available at bandwidths of 10 Gbps and 100 Gbps.

The supported interfaces are shown in the below table:

Port Speed	Interfaces	Europe	Asia
10 Gbps	10GBASE-SR/LR (LAN PHY)	Yes	Yes
	10GBASE-ER (LAN PHY)	Yes	N/A
100 Gbps	100GBASE-SR4/SR10	Yes	N/A
	100GBASE-LR4	Yes	Yes

## Options

The following options are available for **Ethernet Line**:

<b>Diversity</b>	Network path diversity can be provided between a given pair of services. Four separate diversity options are available, depending on customer requirements and network availability.
<b>Dual Entry</b>	Dual diverse entries into an A end or B end building.
<b>Performance reporting</b>	Service performance management reporting is available in Europe on a per site.

The following options are available for **Wave**:

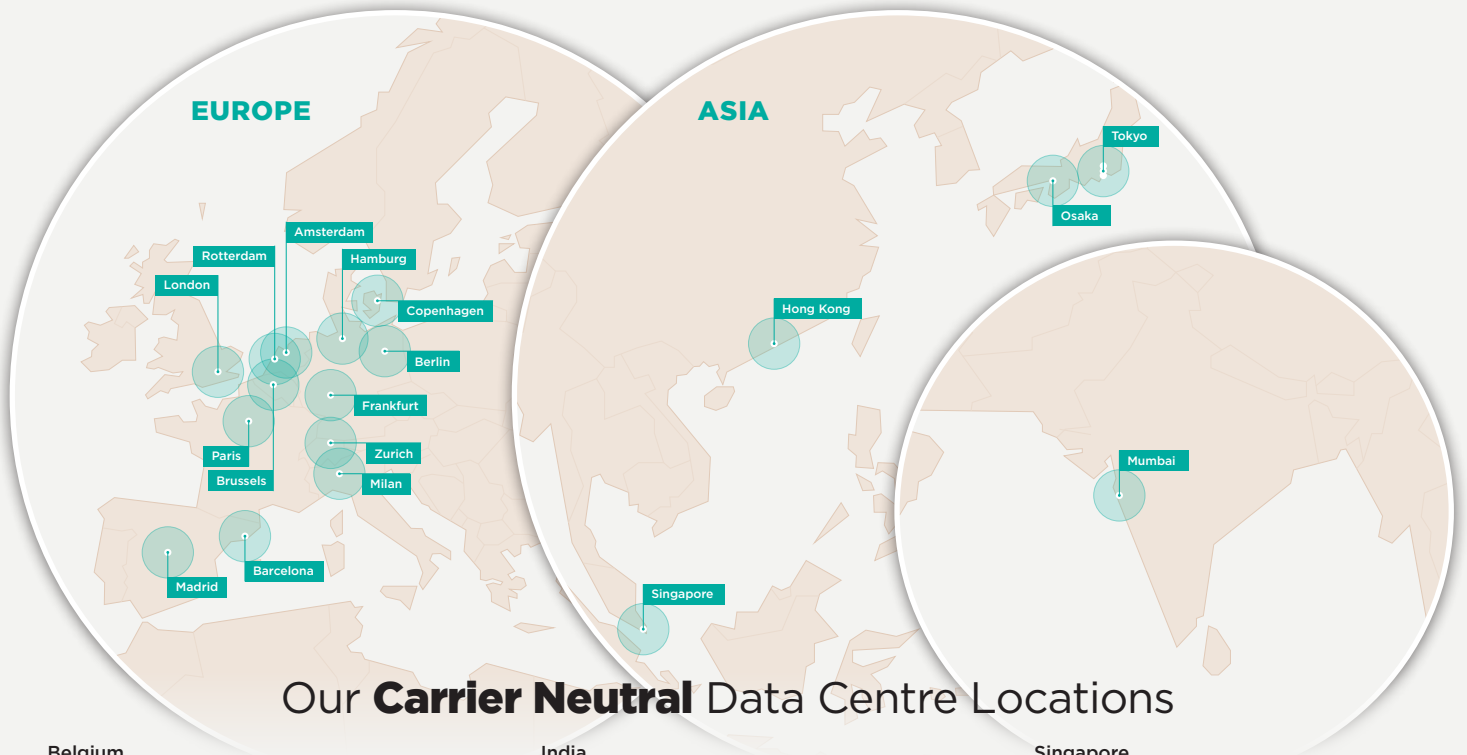
<b>Resilience options</b>	<p><b>Unprotected:</b> service based on a single unprotected path.</p> <p><b>Protected:</b> end-to-end protection provided by a dedicated failover path including the core and 'last mile' (In Europe, standard option for 10 Gbps services only, subject to feasibility for other bandwidths)</p>
<b>Diversity</b>	A pair of services may be ordered in a diverse relationship. Precise route and other details are confirmed during the sales process.



## Colt DCS

Colt Data Centre Services is a leading carrier-neutral data centre operator. We are trusted by our globally recognised customers to provide unparalleled service and security. Our operational excellence is verified by achieving one of the highest possible scores in the Uptime Institute's Management and Operations award.

Colt Data Centre Services has been designing, building and operating large-scale data centres and providing data centre colocation services for more than 20 years at our 24 carrier-neutral data centres across Europe and Asia.



## Our **Carrier Neutral** Data Centre Locations

### Belgium

Colt Brussels Data Centre

### Denmark

Colt Copenhagen Data Centre

### France

Colt Paris North Data Centre  
Colt Paris South West Data Centre

### Germany

Colt Berlin Data Centre  
Colt Frankfurt City Data Centre  
Colt Hamburg Data Centre

### Hong Kong

Colt Hong Kong Data Centre

### India

Colt Mumbai Data Centre

### Italy

Colt Milan Data Centre

### Japan

Colt Osaka Data Centre  
Colt Tokyo Shiohama Data Centre  
Colt Tokyo Inzai Data Centre  
Colt Tokyo Inzai Data Centre Two  
Colt Tokyo Otemachi Data Centre

### Netherlands

Colt Amsterdam South East Data Centre  
Colt Rotterdam Data Centre

### Singapore

Colt Singapore Data Centre

### Spain

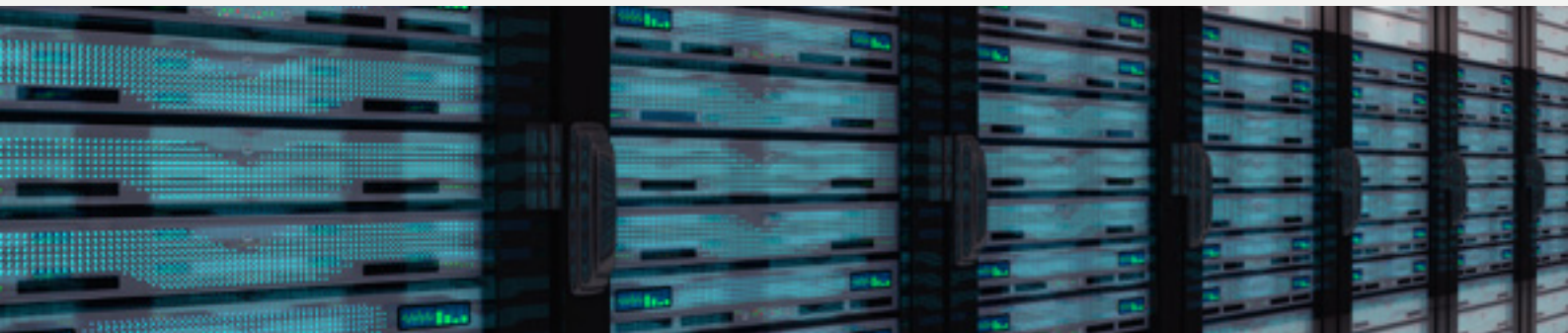
Colt Barcelona Data Centre  
Colt Madrid Data Centre

### Switzerland

Colt Zurich Data Centre

### United Kingdom

Colt London City Data Centre  
Colt London West Data Centre  
Colt London North Data Centre



0800 94 99 44



dcsinfo@colt.net



www.coltdcs.com



Colt Data Centre Services



@ColtDataCentres



Colt Data Centre Services



In today's world, great businesses must be secure, resilient, scalable and above all - connected.

At Colt Data Centre Services this is our business. Colt Data Centre Services offers flexible and affordable colocation and IT infrastructure solutions. Our connectivity and colocation solutions allow our customers freedom to plan effectively for the growth of their business, knowing that their data centre strategy is future-proof.

We operate 24 state-of-the-art data centres across Europe and Asia Pacific, offering 24/7 security and local language support. We are connected to a further 530+ third party data centres across our network and are able to offer private links into the major public cloud providers.

As the only data centre provider in the world to secure the highest M&O certification by the Uptime Institute, our operational standards are recognised as industry-leading.

Colt Data Centre Services has over 20 years' experience in designing, building and operating energy-efficient, reliable data centres - hosting significant financial, media, corporate and cloud wholesale providers across the world.

© 2019 Copyright Colt Technology Services. The Colt name and logos are trade marks. All rights reserved. Ref: 2019-04-25-PDS-CAMPUS

### Accreditations

ISO 27001  
ISO 14001

**colt**  
Data Centre Services