Colt Wave

High bandwidth optical connectivity for the world's leading Enterprises, Carriers, and Operators

colt

Benefits at a glance

- **Unprecedented reach:** Colt has fibre connectivity to more than 27,500+ buildings - including direct fibre connectivity to over 850+ data centres in Europe, Asia and North America - more than any other carrier

- **Express service:** Get multiple 10/100G wavelengths with expedited between a selection of the most popular data centres

- **State-of-the-art networking:** Leverage Colt's investment in an ultra-modern DWDM/OTN optical core network – delivering 100G today – with a path for future upgradability

- **Reliability:** Our business is to protect your business. High availability can be assured using our resilient platform with options for protection, and we will work with you to design a service which is geographically diverse from other routes you may currently use.

- **Extensive, wholly owned fibre footprint:** Colt's services are provided on our own fibre end-to-end, providing you with the best possible SLA.

TeleGeography
AUTHORITATIVE TELECOM DATA
Colt has connected more Datacentres to their European network than any other operator

Colt: Your Trusted Connectivity Partner

Colt's high bandwidth optical wavelength services directly address the requirements of enterprises, carriers operators and OTT players requiring connectivity between major sites and data centres. Colt's optical network covers metro, long-haul, and international, including subsea, spanning across Asia, Europe and North America, with service bandwidths from 1Gbps to 100Gbps.

As your global capacity requirements increase, you need a connectivity partner who can provide the flexibility, reliability and economic efficiencies which will enable your business to expand and grow.

A clear upgrade path to higher bandwidths is essential – and sometimes services are needed quickly, in order to respond to immediate opportunities or to support changes to your IT environment. Colt offers both the technical expertise and commercial flexibility to deliver premium high bandwidth optical services – from a reliable, longstanding partner you can trust.

Direct to the DC
Colt's Wave Service directly connects Europe, Asia and North America's top data centre locations, delivering wavelengths where you need them most. Many of our data centre locations feature pre-provisioned DWDM equipment, meaning we can provide extremely rapid service turn-up and bandwidth upgrade potential within days.

Flexible Bandwidth Service
Colt understands you need the flexibility to upgrade, change and reroute bandwidth as your business matures. We offer a range of commercial options, including lease and IRU terms, to provide you with the flexibility to plan your business. Our deployment of state-of-the-art optical platforms based on 100G coherent channels enables us to provide point-to-point metro, long-haul and international connectivity at highly competitive price profiles.

A partner with a difference
Choose Colt and you are in safe hands. A company with a secure background, reputation for operational excellence, customer service and an industry award-winner.

Colt's track record is second to none, with leading Fortune 100 banks and the world's foremost carriers trusting us with their high bandwidth service requirements. You'll be sharing in the same proven technology and best-in-class services.

Our services have been recognised with a string of Metro Ethernet Forum awards for 12 years, including Best Wholesale Service Provider of the Year, Best Retail Service Provider of the Year and the Award for Service Innovation. Our optical Ethernet services are MEF CE 2.0 certified.

Systems

Our optical high-bandwidth platforms are based on technologies from Ciena and Infinera.

MEF Excellence Awards

MEF AWARDS 2018
Enterprise Application
Education

MEF AWARDS 2018
Enterprise Application
Sports & Entertainment

MEF AWARDS 2018
Retail Service Provider
Europe

MEF AWARDS 2018
Network &
Service Innovation
Europe

MEF AWARDS 2018
Wholesale Service Provider
Europe

Technical

Point to Point Optical Services– 1Gbps to 100Gbps

High bandwidth optical services can be provided from 1Gbps to 100Gbps, and support industry standard presentations and interface types*:

1Gbps Ethernet
(1000BASE-SX, 1000BASE-LX, 1000BASE-T)

2.5Gbps G.957
(STM-16, OC-48)

10Gbps LAN PHY
(10GBASE-SR, 10GBASE-LR, 10GBASE-ER)

10Gbps WAN PHY
(10GBASE- SW, 10GBASE-LW, 10GBASE- EW)

10Gbps OTU2, OTU2e, STM-64, OC-192

40Gbps Ethernet
(40GBASE-LR4)

100Gbps
100GBASE-SR4, 100GBASE-SR10, 100GBASE-LR4, OTU4 G.959

Fibre Channel
1Gbps, 2Gbps, 4Gbps, 8Gbps and 10Gbps

Both Unprotected and Protected options are available.

*Please note that some of the features/bandwidths are not supported in certain geographies.

About Colt

Colt aims to be the leader in enabling customers' digital transformation through agile and on-demand, high bandwidth solutions. The Colt IQ Network connects 850+ data centres across Europe, Asia and North America's largest business hubs, with over 27,500 on net buildings and growing.

Colt has built its reputation on putting customers first. Customers include data intensive organisations spanning over 213 cities in over 30 countries. Colt is a recognised innovator and pioneer in Software Defined Networks (SDN) and Network Function Virtualisation (NFV). Privately owned, Colt is one of the most financially sound companies in its industry and able to provide the best customer experience at a competitive price. For more information, please visit www.colt.net

For more information, please contact us on:

+44 (0)20 7863 5510
sales@colt.net
www.colt.net