colt

Cloud Prioritisation Data Sheet

Cloud Access via public Internet

More and more enterprises are looking at public Internet as their primary connectivity to the cloud. It offers high bandwidths at attractive prices and is easy to integrate into existing telecommunications infrastructure, including modern SD WAN.

But public Internet traffic can be subject to **network contention and unpredictable routing** which can affect cloud services' user experience. This is particularly critical for productivity and enterprise communication SaaS applications such as Microsoft Office 365. Colt Cloud Prioritisation is changing this.

Colt Cloud Prioritisation

Colt Cloud Prioritisation combines the benefits of optimised routing and a direct peering infrastructure with traffic prioritisation between customer router and provider edge router.

Customers can reach **Office 365 and Azure** with a **consistent and reliable user experience,** backed by a guaranteed maximum Round Trip Delay (RTD) of 30ms. It is one of the first services of its kind to launch at scale in Europe and works best in conjunction with the new **Microsoft Azure Peering Service.**

Cloud Prioritisation customers can also decide how much of their Internet **bandwidth is dynamically reserved for Microsoft.** This will work for both incoming and outgoing traffic.

Colt has a unique **direct interconnection infrastructure with Microsoft in 20 cities across Europe and Asia**. This dense network of interconnections will make sure that the traffic gets to its destination quickly and without unnecessary intermediate stations.

Country	City	Exchange
NL	Amsterdam	AMS-IX
DE	Berlin	BCIX
BE	Brüssel	BNIX
ES	Barcelona	CATNIX
DE	Frankfurt	DE-CIX Frankfurt
DK	Copenhagen	DIX
FR	Paris	Equinix Paris
ES	Madrid	ESPANIX
FR	Paris	France-IX Paris
PT	Lisbon	GigaPIX
IR	Dublin	INEX
UK	London	LINX
IT	Milano	MIX-IT
SE	Stockholm	Netnod Stockholm
CH	Zürich	SwissIX
IT	Turin	TOP-IX
AT	Vienna	VIX
JP	Tokyo	BBIX, JPIX, JPNAP
JP	Osaka	BBIX, JPIX, JPNAP
HK	Hong Kong	HKIX
SG	Singapore	Equinix

● Existing public peering points in Central/Western Europe and Asia

Country	City
DE	Berlin
DE	Frankfurt
FR	Paris
UK	London
JP	Tokyo
HK	Hong Kong
SG	Singapore

● Private peering points

Benefits

- **High performance** connectivity to the public Microsoft cloud

- Public Microsoft traffic can be **prioritised** over standard Internet traffic

- Maximum network delay of **30ms** to the next Microsoft Peering Point, guaranteed in the SLA

- Guaranteed access bandwidth and speeds up to **100gbps**

The perfect Internet access for all business critical usages such as cloud services or video conferencing:

"Fast, reliable transfer to and from the Office 365 file store via our Colt IP Access service makes a big difference"

Richard Andrews
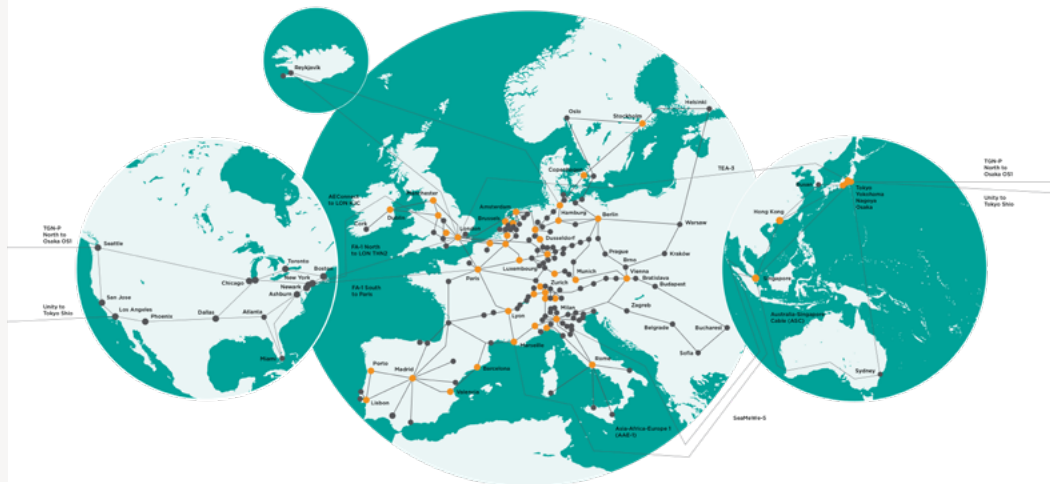IT Manager,
AMR International

Colt IP Access

Cloud Prioritisation is a feature of Colt IP Access and can be ordered by all new and existing customers.

Internet access is today a vital function for businesses of all sizes, supporting a range of business critical web-based applications. Colt's IP Access Services Portfolio delivers **premium business class Internet access** that provides enterprises with the **reliable, high performance** service they need.

Our Network

- 187,586 km of LDN, metro fibre and subsea & terrestrial leased capacity
- 32 countries across 4 continents
- 212 connected cities
- Metropolitan area networks in 52 cities
- 29,000+ buildings and 900+ Data Centres directly connected

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 900 data centres across Europe, Asia and North America's largest business hubs, with over 29,000+ on net buildings and growing.

Colt has built its reputation on putting customers first. Customers include data intensive organisations spanning over 212 cities in nearly 32 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.

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