



## Switched Ethernet VPN offers any-to-any links across Europe at up to 1Gbps

**COLT Switched Ethernet VPN (SE VPN) offers VPN connections at up to 1 gigabit per second (Gbps) across Europe, providing an any-to-any service between ports. There is no need to dimension bandwidths between sites. SE VPN is ideal for data centres, storage centres or regional head offices that require very fast connections to multiple sites. The service delivers Ethernet across the wide area to maximise simplicity and cost-effectiveness.**

- ▶ Complete security – there is dedicated bandwidth per customer with Layer 1 separation
- ▶ Very high speeds – 300 megabits per second (Mbps), 600Mbps or 1Gbps
- ▶ Wide geographical coverage – available across Europe
- ▶ Full meshing – you can link any number of sites with any-to-any connectivity
- ▶ Flexible equipment options – you can provide and manage the customer premises equipment (CPE) yourself, or COLT can do this with its CPE Solutions service
- ▶ Easy to monitor – optional online performance-reporting service shows utilisation
- ▶ Resilient – site-to-site availability of 99.95%, plus resilient packet ring (RPR) technology to boost reliability
- ▶ Fast recovery – under 50ms after a problem occurs

### Secure and exclusive

The service provides a dedicated ring per customer that can connect any number of sites. The bandwidth is reserved exclusively for you through the core, eliminating congestion and providing Layer 1 separation from other customers' traffic.

### Convenient

Switched Ethernet VPN connects your LANs or data centres without the limitations of point-to-point topologies. Each site connected to the service can automatically communicate with all the others, without you having to set up specific links between sites.

### Simple

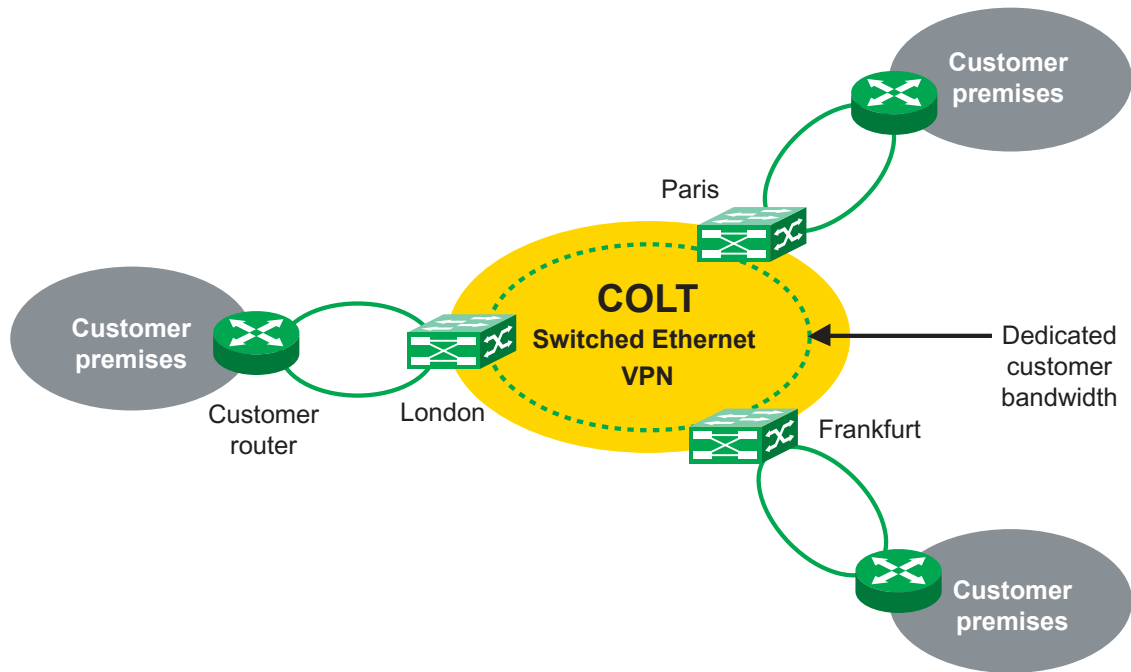
Switched Ethernet VPN extends the use of Ethernet from the LAN across the WAN. You can run Ethernet as a single protocol from end to end.

### Flexible capacity

The service uses two paths around the network that can carry traffic in either direction for resilience. The second path is rarely needed, so SE VPN makes it available for distributing traffic, to achieve as much as twice the service bandwidth.

# Switched Ethernet VPN

Example of a COLT Switched Ethernet VPN implementation



## Technical Specifications

<b>Technology</b>	Gigabit Ethernet with resilient packet ring (RPR) transport
<b>Bandwidth options</b>	300Mbps, 600Mbps, 1Gbps Supports bursting to up to twice the bandwidth
<b>Customer interface</b>	1000Base LX single mode 1310nm 1000Base SX multi-mode 850nm
<b>Connectors</b>	SC/PC, FC/PC
<b>Failover time</b>	50ms
<b>Online performance reporting</b>	Optional
<b>Coverage</b>	Cities where COLT has presence
<b>SLA</b>	99.95%

### Contact COLT

For more details call +44 (0)20 7390 3900, visit our website at

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