

# Colt SD WAN

Embracing new technology with the best in breed SD WAN solution

## Your benefits

- **Cost:** Delivered using competitively priced public Internet services, with only high priority traffic routed across premium MPLS paths
- **Resilience:** Either network path (MPLS or Internet) can be used as backup in the event of a failure
- **Speed of delivery:** Using your existing Internet access enables a much quicker service deployment than OLO tails
- **Control:** Easily manage your traffic on chosen application with thresholds and change traffic patterns via portal
- **Multi-function CPE:** Open X86 architecture means that one CPE device can act as a router, firewall, & application performance monitor
- **Agility:** Simple interface to manage your WAN. You can control your own service, add a new branch site in hours or upgrade its bandwidth instantaneously

## Increase your WAN bandwidth smarter, whilst adding flexibility and agility – and saving cost.

Are you looking to increase bandwidth within your flat or declining WAN budget, off-load less critical traffic securely to public Internet directly at your site, manage changes yourself via online portal and upgrade bandwidth instantaneously?

If yes, you should consider SD WAN from Colt, the Winner of the MEF Excellence Awards 2016 and Global Carrier Awards 2016 for Best SDN/NFV Deployment.

## What is Colt SD WAN?

Colt SD WAN enables Internet to be used as a business network and an MPLS alternative for your WAN.

You will be provided with small common off the shelf (COTS) servers, pre-configured Advantech boxes, as easy to set up as a home WiFi.

### Site types:

- SD WAN Hybrid (3rd Party OLO line + Internet line)
- SD WAN Internet-only (Internet line)
- SD WAN MPLS-only (Off-net and On-net)

### Network:

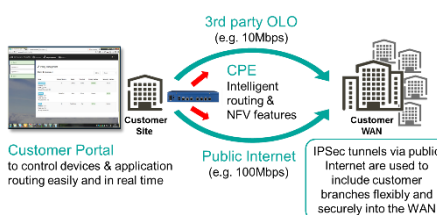
Multiple, regional gateways, deployed in EU, Asia and US, ensure proper coverage and connectivity between the MPLS and Internet cloud. Supplier partnership with Versa Networks – awarded SD WAN supplier of the year by Frost & Sullivan 2016.

### Network Function Virtualisation (NFV):

Different functions, such as router, firewall and application performance monitor are delivered as software applications on one and the same server (Advantech).

### Transport Security:

All WAN traffic is encrypted via IPsec tunnelling, if not using private dedicated lines.



## Key Features

### Local Internet Breakout:

Breakout to the public Internet will be possible from the local branch site. This can be protected by an integrated stateful or Layer 3-7 Next Generation firewall on the CPE itself.

### Traffic steering (Dynamic multi-pathing):

- **Basic:** Choose which applications take which path, based on IP Address/Network, protocol and/or Port number. You can also choose triggers for an application to switch to the secondary path, based on jitter, latency or packet-loss level.
- **Advanced:** Application is detected by deep packet inspection. 2600 applications are detectable. User defined applications are possible. Traffic steering can be done by URL.

### Analytics (Self-service traffic view):

View your traffic flows via our web based portal, control bandwidth consumption on application level, and take action to steer applications to either the Internet or MPLS path.

### Customer Portal:

You can configure single or multiple devices in real time. Network services can be used, provisioned, and orchestrated in real time and on demand.

### Integrated firewall:

- **Basic:** Standard Layer 3/4 Stateful Firewall
- **Advanced:** Layer 7 Firewall policies. DDOS support. Common or specific policies across your branches

### Active/Active operation:

You can have your data flow down two routes simultaneously, increasing both bandwidth and resiliency.



## What makes us different:

We are recognized by the industry as market leading in SDN/NFV and Ethernet services.

- Award winning SD WAN service
- Own carrier-grade network
- Pan-European service portfolio
- Unique customer experience

Colt combines the strength of our fibre network on-net, with the cost efficiency of using 3rd party Internet off-net.

Please visit us at [www.colt.net](http://www.colt.net)