

Colt SD WAN Wholesale (White Label)

A new horizon with Colt's Wholesale SD WAN solution



Benefits at a glance

- **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 (even LTE) enables a much quicker service deployment than OLO tails
- **Control:** Easily manage your traffic on chosen application with thresholds and change traffic patterns via fully own branded portal
- **Flexibility:** Open X86 architecture means that one CPE device can act as a router, firewall, & application performance monitor
- **Agility:** Simple interface to manage your WAN, customisable with your own brand plus look & feel, to control your own service plus your tenants capabilities and options, add a new branch site in hours or upgrade its bandwidth

Instantly open your market across the international arena

Are you looking to deliver an SD WAN service to your customers but unable to commit the budget and time in service development?

Colt's SD WAN Wholesale solution allows Service Providers and Wholesalers to offer a turnkey service to their end-customers, via a fully branded white label portal enabling end-to-end monitoring and managing.

Colt SD WAN was the winner of the Network Transformation Award for Best SD-WAN Service Excellence Operator 2019 and Strong Performer in the The Forrester Wave™: Software-Defined WAN Services, Q4 2020.

What is Colt SD WAN

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

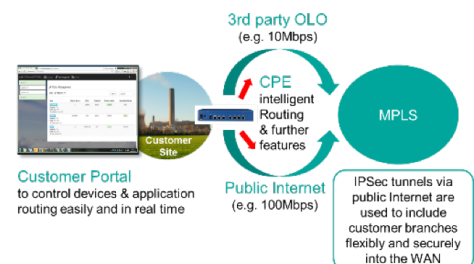
You will be provided with small common off the shelf (COTS) servers, pre-configured Advantech boxes, which are as easy to set up as a home Wi-Fi.

These servers are deployed within your end-customer's network seamlessly, with no difference in experience to your own in-house services.

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 comprehensive coverage and connectivity between the MPLS and Internet cloud. Colt's key supplier partnership is with Versa Networks — a leading provider of secure WAN Edge infrastructure.



Network Function Virtualisation (NFV):

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

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

What makes us different:

We are recognised 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 third party Internet off-net.



Key Features

Dual CPE (High Availability Site)

For additional resiliency, two SD-WAN CPEs can be provided in high availability mode, to ensure that if either SD WAN CPE fails traffic will be routed to the other.

White label solution:

For those wholesale customers who prioritise speed to market, high volume service provisioning, and operational simplicity, Colt SD WAN White Label will enable you to go-to-market quickly with a richly featured SD WAN service complete with an end-customer portal that can be customised to the provider's visual brand look and feel.

Multi-Cloud Access:

SD WAN Multi-Cloud provides high performance, inexpensive, and secure cloud and cloud-to-cloud connectivity directly into leading cloud service providers. It extends the SD WAN benefits of security, analytics and optimisation to connectivity to the public cloud.

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. 2,600 applications are detectable. User defined applications are possible. Traffic steering can be done by URL.

VoIP on SD WAN

VoIP on Colt SD WAN leverages VoIP traffic prioritisation to optimise virtual meeting experience for your end users, enabling more efficient usage of your existing underlying network.

Dual stack IPv6 support

Colt SD WAN with dual IPv4 and IPv6 stack support provides you with the flexibility to design your WANs with IPv4 today, while future-proofing and avoiding an expensive swap out when transitioning to IPv6.

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.

Full visibility of your end-customers, with a tenant management console plus an independent access for each of them.

All wrapped up in a modern customisable portal, with your own logo and support details.

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.

For more information, please contact us on:

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