

# SD-WAN SERVICES

## ENCRYPTED PRIVATE SD-WAN

Software-Defined Wide-Area Networks (SD-WAN) enable agile and efficient management of your Wide-Area Network. Different technologies from sites located in multiple locations across UK and Europe, can be networked into a secure WAN.

Configured and deployed within days, our SD-WAN solution utilises Software Defined Networking (SDN) technology to provide a secure and easy way to manage private multi-site networks. SD-ONE gives you complete control of your network of sites, even those in remote locations, in real-time, simplifying how you monitor network usage and benefit from priority routing of important applications.



### THE CHALLENGE

Businesses are increasingly utilising cloud based services for essential business productivity. Legacy and expensive private networks are becoming saturated with cloud-based traffic, including multimedia streams for personal applications.

IT Managers need a way to cost effectively combine bandwidth from private circuits and broadband access links, manage the routing of critical and non-critical application traffic streams, and deliver a satisfactory experience to all of their users.

### THE SOLUTION

SD-ONE is a software-defined wide area network (SD-WAN) solution. This highly secure, 'Cloud-based' approach to private Wide-Area Networking is a more flexible and scalable option than utilising more expensive WAN technologies.

It connects sites across multiple locations via a secure, virtual private network and encrypts any ISP connection to route traffic to the secure SD-ONE Cloud, and then to any other sites within the same network group.

## USE CASES



### MPLS Network Management

SD-ONE is a cost-effective alternative to implementing an MPLS network or can be overlaid on an existing MPLS network to increase efficiency, flexibility or deploy additional sites quickly.



### Multi-site SMEs

SD-ONE allows businesses to connect and share data between sites at multiple locations securely. They can increase efficiency, speed up implementation and use different carriers, including 4G technology, for added resilience.



### Remote Sites

The SD-ONE solution can be delivered over any carrier/ ISP connectivity, including 4G, so that remote sites with limited or poor connectivity can be added to the network easily and cost effectively.

## HOW IT ALL WORKS

SD-ONE Package 3 encrypts any ISP connection to route traffic to the secure SD-ONE Cloud, and then to any other sites within the same network group.

Tunnel bypass feature to prioritise mission-critical traffic (e.g. Office365, VoIP, CRM)

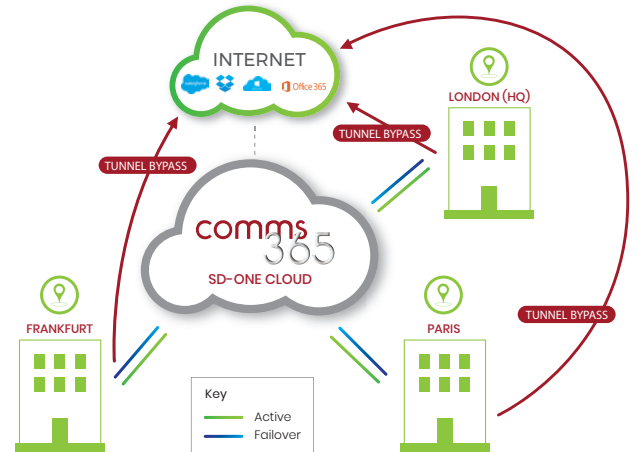
Multi-site private WAN

Automatic resilient failover onto the same static IP address

Highly secure encryption

Fully managed service

User Portal for ease and simplicity to manage your WAN



## HOW WILL OUR SERVICES SUPPORT YOU?

### Collaboration

SD-WAN improves network performance to support document sharing, video calls, team working and adding remote sites.

### Security

SD-ONE creates a highly secure private network using encryption making your business network and data safe and secure.

### Resilience

Build in resilience to ensure you have business continuity using automatic failover across multiple carriers including fixed line and 4G.

### Increase Productivity

Internet connectivity with improved performance by bonding across multiple carriers, including fixed line and 4G, for more uptime and less interruption.

### Connect Locations

Securely connect members of the team including those working in different offices and at multiple locations, including in remote areas.

### Monitoring

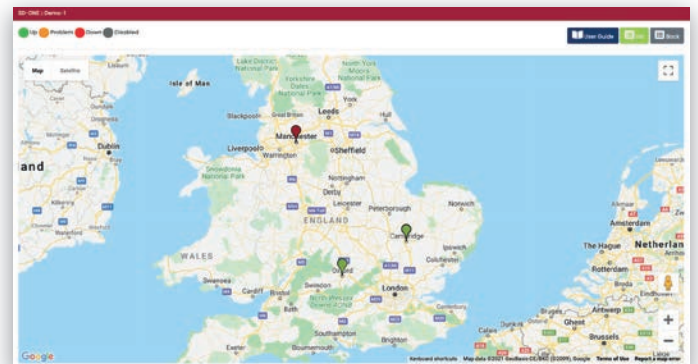
Securely monitor data usage of your connections and devices using CommsPortal and manage your data traffic flow using SD-ONE.

## FEATURES OF SD-ONE PACKAGES

Feature	Failover Package 1	Bonding Package 2	SD-WAN Package 3
Static IP Delivery	✓	✓	✓
Resilient Failover	✓	✓	✓
User portal	✓	✓	✓
Carrier agnostic	✓	✓	✓
Upgrade Path	✓	✓	✓
Aggregated Bonding		✓	✓
QoS		✓	✓
Multiple private WAN			✓

## COMMSPORTAL

Our Services Management Platform, CommsPortal allows users to view granular data usage from each and every connection and device on their estate, compare usage between months and run reports. With a secure login you can manage your estate, place your orders or raise a support ticket all on one portal.



SD-WAN Services Sheet, CB – v1 (June 2021)