



MANAGED SD-WAN

MAXIMIZING NETWORK SOLUTIONS FOR THE DIGITAL AGE



**Multi-location
Network Efficiency**



Reduce Costs



**24/7 Technical
Support**



**Increase Application
Performance**



Cloud Ready

SD-WAN (Software-Defined Wide Area Networks) uses software and cloud-based technologies to simplify delivery of WAN services between office locations. With Dobson's Managed SD-WAN, your network will be application-driven and cloud-ready at all times. With the latest in software defined networking (SDN) and network function virtualization (NFV), SD-WAN enables your company, whether small or large, single-site or with multiple office locations, to be connected through a reliable, secure network.

LESS COMPLEX, MORE FLEXIBLE AND EASIER TO MANAGE

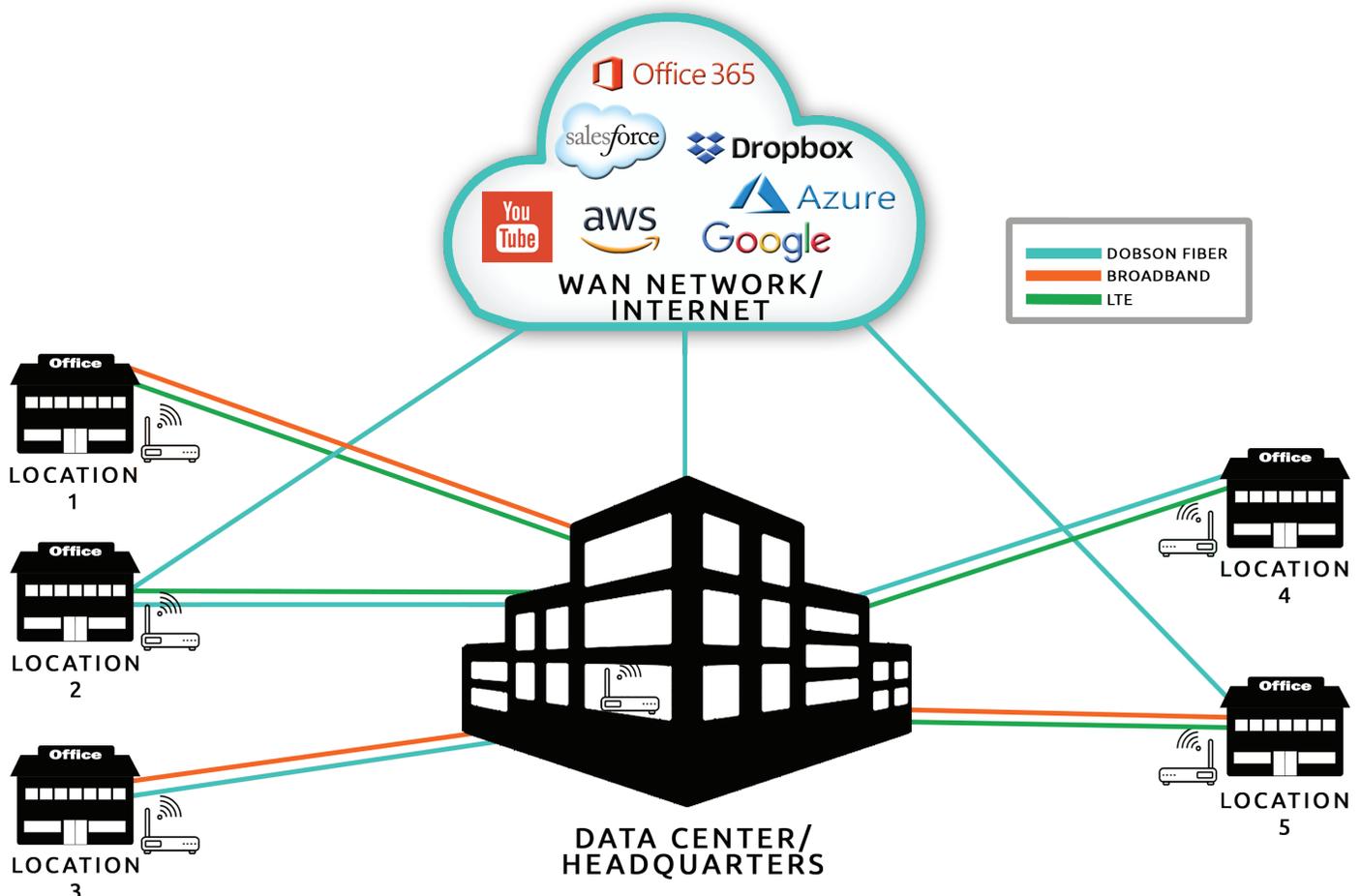
IT technology needs have greatly changed over the last few years. Remote users need access to information and services, as well as cloud-based applications such as Salesforce, Office 365, cloud-based storage or cloud infrastructure such as Amazon Web Services (AWS), Microsoft Azure or Google Cloud. SD-WAN offers many benefits compared to MPLS and traditional WANs such as improved price/performance, faster deployment/versatility, and reduction of the number of network devices that must be managed at branch locations. As bandwidth demands increase, applications and networks will continue to move to the cloud, making security a bigger issue than ever before. With SD-WAN, your network architecture is modernized with built-in security and efficiency for your business.

SD-WAN vs. MPLS

SD-WAN offers significant value for Enterprise Businesses with cost savings, network efficiencies, and increased application performance. SD-WAN optimizes traffic over available circuits on a per application basis and makes deploying WAN services and new branch locations fast and simple.

Traditional MPLS networks are expensive and do not offer firewall security at every location. As such, all traffic from each branch location must be sent to the data center firewall before going to the Internet. With a built-in firewall at every location, SD-WAN is able to take advantage of commodity broadband service while reducing latency and improving end user experience with cloud applications.

SD-WAN uses encrypted network overlays which enable application traffic to be carried independently of the underlying physical or transport layer. This enables SD-WAN to provide high availability and performance for applications.



Key Features of SD-WAN

VIRTUALIZES THE NETWORK

SD-WAN network overlays enable traffic to be carried independently of the underlying physical circuits. This capability allows SD-WAN to intelligently maximize performance of each application based on business policies and actual end to end performance rather than traditional all or nothing up/down technical limitations. Network operators can easily and seamlessly add the most cost-effective circuits of almost any type including MPLS, DIA, broadband, LTE, WiFi because the overlay is virtualized and abstracted from the underlying transport.

PROVIDES INTEROPERABILITY

With SD-WAN, you have the ability to incrementally add resources and inter-operate with existing devices and circuits.

COST-EFFECTIVE HARDWARE

SD-WAN is cost-effective and flexible by leveraging mainstream hardware and servers rather than expensive under performing proprietary routers.

MONITORS USAGE AND PERFORMANCE

With built-in analytics, SD-WAN provides application layer visibility across all physical transports and service providers, as well as across all remote sites. This capability offers actionable insight into application usage and network resource utilization.

SECURE CLOUD NETWORK

SD-WAN is cloud ready and enables digital transformation at whatever bandwidth speed and evolutionary pace your organization needs.

VIRTUAL SERVICES DELIVERY

SD-WAN makes deploying WAN services at or between branch locations, headquarters, data centers, and/or cloud service providers fast, simple, and secure.

3 Reasons to Choose Dobson

We manage your connections, so you can manage your business.

1

Fast.

With more than 4,500 miles, Dobson can bring businesses the latest technologies and the bandwidth needed to stay connected. We consolidate all of your communications over a secure, and redundant network using state-of-the-art technology.

2

Reliable.

Our experienced business consultants understand you need a reliable connection and partner. So whether it's high-speed internet, data and cloud services, secure point-to-point connections, or Voice over IP solutions, Dobson can imagine and implement a reliable, integrated connectivity plan customized for you.

3

Local.

For more than 85 years, we have lived and worked in the areas we serve. When you work with Dobson, you work with real, passionate, local people - all ready to deliver high-quality, personal service for your business.



Dobson
F I B E R