

What is SD-WAN?

Source: Niko O-Hara, AVANT Communications

Software-Defined Wide Area Network

SD-WAN is an appliance-based solution that provides a simpler, smarter, more resilient WAN leveraging various types of connectivity.

Think of it as **SDN for the WAN**.

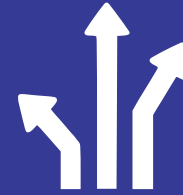
"SDN is an architecture. SD-WAN is a technology you can buy."

- Gartner

Key Components



Transport-Agnostic



Dynamic Load Balancing



Application-Aware

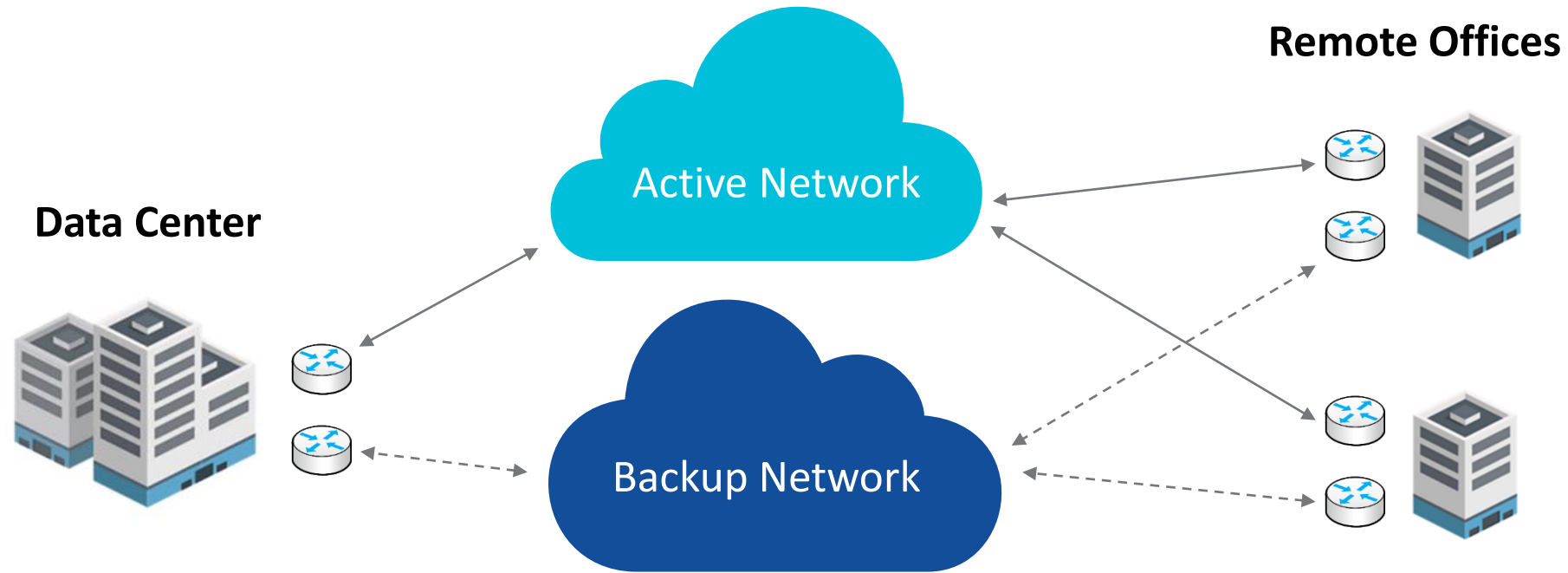


Overlay Architecture

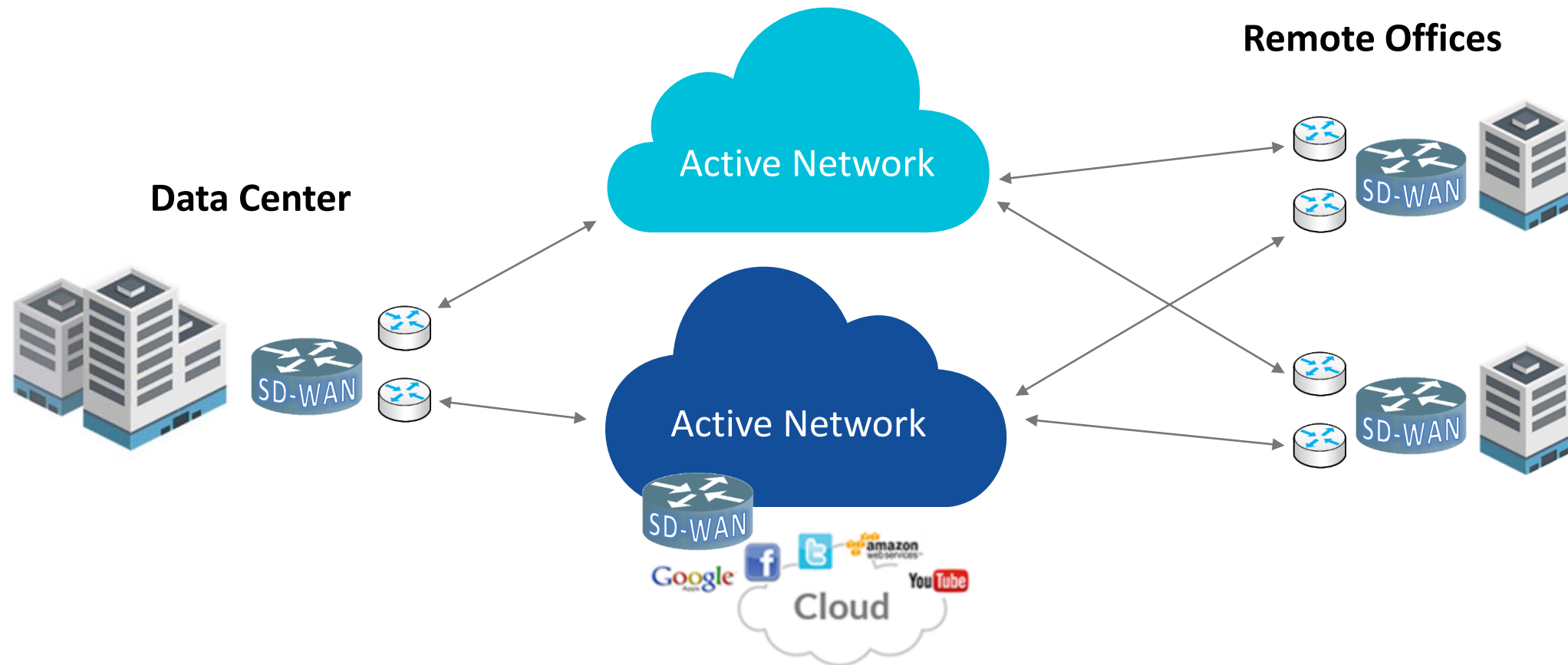


Simple Management

Before SD-WAN



After SD-WAN



Before SD-WAN



**"Turn left and drive off the
bridge onto the 280"**

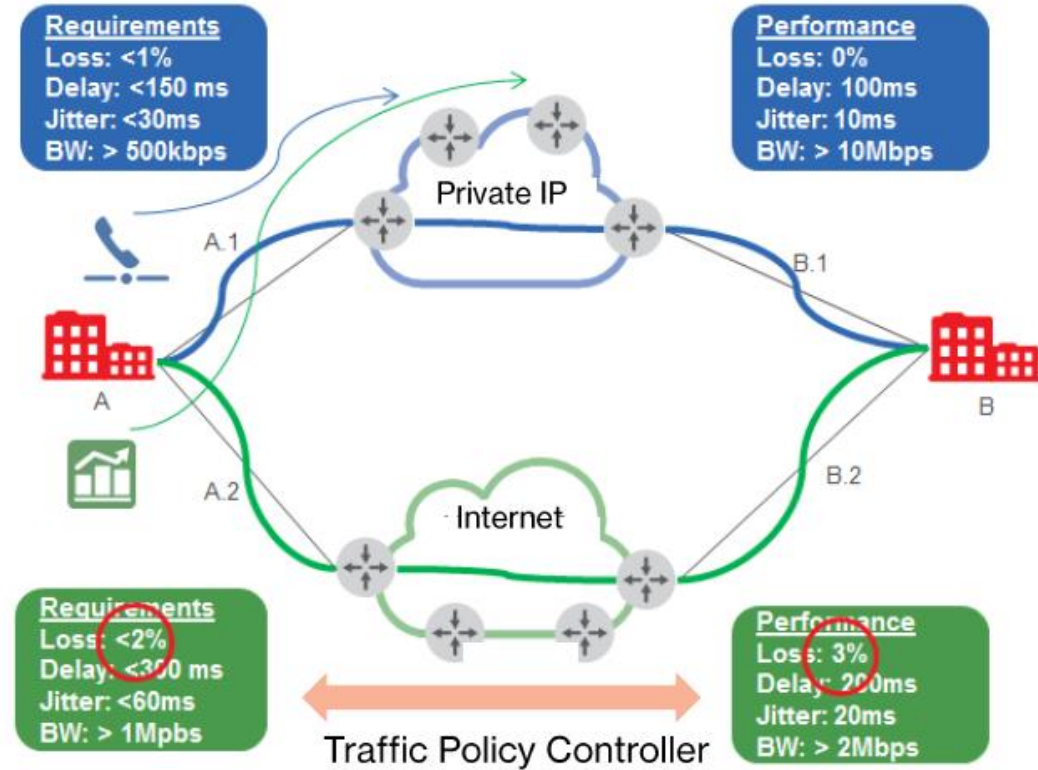
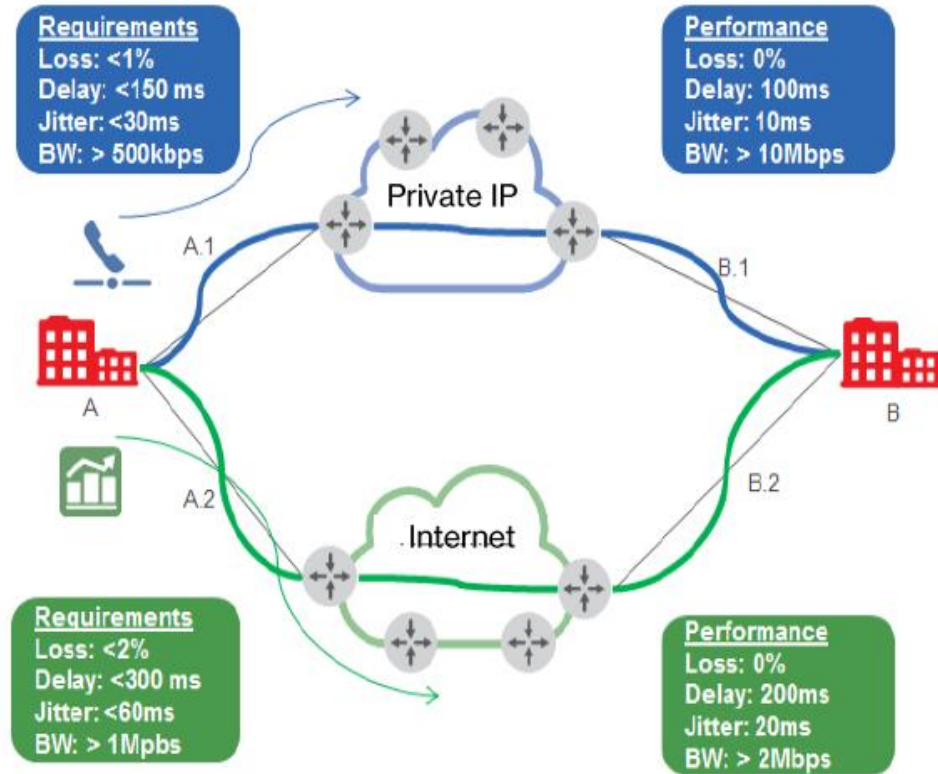
After SD-WAN



waze

OUTSMARTING TRAFFIC, TOGETHER

How Does It Work?



Drivers



Cloud Applications



Cost Savings



Simplified Management



Performance



Time to Deploy



Big Bandwidth

Providers

SD-WAN
Major Focus
Area

aryaka

TALARI™

MASERGY
silver peak®

CLOUDGENIX

NetWolves

CISCO

CenturyLink™

VERSA
NETWORKS

EarthLink®

windstream
communications

velocloud

verizon✓

CISCO

viptela

bigleaf
networks

CIS
SECURE COMPUTING

ECESSA™

EVOLVE IP
THE CLOUD SERVICES COMPANY™

expereo

nitel

Simplicity
VoIP

What are your needs?

Are you looking to...

- Improve application performance, particularly for cloud apps?
- Increase bandwidth at remote or international sites?
- Replace an expensive private network?
- Simplify or outsource the management of your network?
- Build resiliency into your network to guarantee uptime?
- Decrease turn-up time for new sites?

SD-WAN Review Form

A tool to assess
your needs:

Helpful Info

Which key applications are hosted in your data center?

☐ PBX/Voice☐ Video/Telepresence☐ CRM

☐ ERP☐ Email☐ Productivity

☐ File☐ LOB/Custom☐ Other

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☐ File☐ LOB/Custom☐ Other

Current Cloud Services

☐ Amazon Web Services☐ Microsoft Azure☐ Google Cloud Platform

☐ Dropbox☐ Box.com☐ Salesforce

☐ Microsoft Office 365☐ Google Apps☐ Other

Current HQ/DC Routers

Current Branch Routers

Support Expiration

Current HQ/DC Firewalls

Current Branch Firewalls

Support Expiration

Sample Monthly Pricing

25M

\$150 to \$300

40M

\$200 to \$400

75M

\$250 to \$500

100M

\$300 to \$600

200M

\$350 to \$800

300M

\$400 to \$1000



Simplicity
VoIP

Key Takeaways



SD-WAN is all about the
APPLICATIONS



SD-WAN is DISRUPTIVE...
but it doesn't have to be



SD-WAN is EASY to deploy
and manage

For your free review, submit **SD-WAN Review Form!**

