Cloud 9 Advisers

Software Defined Networking

Technologies

Our Leading Suppliers

Software Defined Wide Area Networking (SDWAN or SD-WAN) is the de facto standard for a bulletproof, internet and WAN connection *strategy*.

- Combine multiple, low-cost broadband circuits and achieve fiber-like performance
- Pre-configured, plug-and-play installation
- Voice quality protection over any ISP
- Cloud, App, and Voice optimization
- Prioritize what you want, how you want it
- Same IP failover and IP Address portability
- End-to-end visibility, reporting, and control
- Traffic routed over the best ISP, in real-time
- No interruptions during an internet outage, even active video and voice calls!

velocloud vmware CISCO paloalto NETWORKS

aryaka bigleaf networks VERSA NETWORKS

verizon CATO- NETWORKS open systems

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With help using our proprietary IT decision-making platform, we help organizations make smart IT investments and rationalize and reduce IT spending by sourcing the right solutions from the right vendors. Whether you need help with the best new tech, or with a project outside your wheelhouse, we have the expertise you need to identify, research, evaluate, and compare appropriate vendors and their solutions; eliminating months of labor doing it on your own.

The Old way

Firewalls won't cut it—Firewalls are great for security, and they should stick to what they know. Some Dual-WAN firewalls can control traffic, but only one way; outbound *only*. When they do failover to the backup ISP, its linear, clunky, and IP addresses change. This causes dropped packets, reconnects, lost VPNs, and worst of all dropped video and calls. They also have simple software that only has limited visibility of Internet problems.

Load Balancers fall short—Load-balancers boast of much but are full of caveats and too often fall far short of expectations. These devices provide inbound-failover but it's DNS-based, so unless you're hosting a website in your office, they aren't any better than a basic firewall. Their failover isn't seamless for IP specific traffic, so users have to reconnect; and QoS only works for outbound traffic (if at all), not inbound, so VoIP is choppy and other apps suffer.

BGP, too expensive—BGP is a great. The Internet is built on it. However, it's limited, expensive, and very complex. BGP-capable routers are also completely unaware of Internet performance so it load-balances blindly and only in a "hard" outage.

We help business leaders make wise IT investments quickly and confidently. We work with understaffed IT teams who are embarking on projects outside their wheelhouse and rationalize and reduce IT spending. We are objective, impartial, and unbiased strategic sourcing partners. We do not sell solutions, we work with you to identify and research solutions. We are not just another vendor, we help you evaluate and compare vendors; saving months of time doing it on your own.
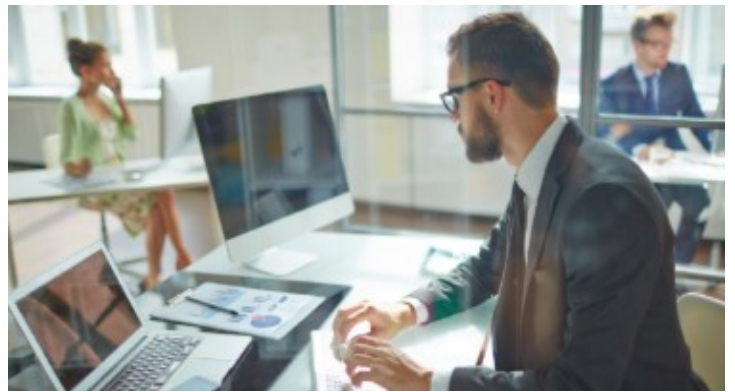
The New way: Built for the Cloud

Quality Access—SDWAN solves the problems of QoS over the open internet. Automated QoS features detect and respond to changes in throughput when sensitive traffic could be affected, and controls both outbound *and inbound* traffic.

Truly Seamless Failover—SDWAN handles public IP addressing in the cloud, so all applications, *even active calls*, stay connected when a circuit fails. This als means IP addresses are portable so if you move offices or change ISPs just plug it in a go.

Intelligent Load Balancing—SDWAN has built in management and in-depth monitoring that adapts and changes to fluctuations in the internet and your circuits, in real-time, on-demand, packet by packet.

Enterprise-grade WAN—SDWAN can augment or completely replace MPLS, Point-to-Point, site-to-site VPNs, and many other WAN technologies while maintaining a private, always-on, and secure connection with much better performance.

Get Fiber performance out of any broadband connection with SDWAN and never go down again!

Customer Network

SD-WAN Node

Mobile/Wireless

Fiber/Ethernet

Cable/DSL

Internet

SD-WAN Controller & Clusters

VoIP
Apps
SaaS