

Securing Network Modernization



Cost and complexity challenges are driving sweeping changes in the way companies modernize their networks. One of the hottest solutions companies are considering is SD-WAN – and for good reason. SD-WAN solutions are helping companies answer the call for simplified, cost-effective network performance. However, network and security must be modernized together – here's why.



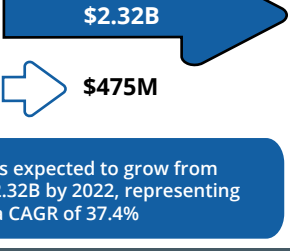
3 Driving Factors of Network Modernization

MPLS Optimization

Branch Enablement

Traffic Backhaul

SD-WAN is a solution companies are considering to modernize their networks and tackle these challenges.



SD-WAN is expected to grow from \$475M to \$2.32B by 2022, representing a CAGR of 37.4%

At Least 200k Branches Using
SD-WAN in North America today



72% of users plan to adopt SD-WAN
with 40% planning to adopt SD-WAN by the end of 2019



However, WAN and security are inextricably interlinked — you can't modernize one without the other.



SEC

SD-WAN solutions are not advanced security solutions.



>90% OF SD-WAN VENDORS

ARE NOT TRADITIONAL SECURITY VENDORS

3 RISKS YOU NEED TO KNOW

EGRESSING OF TRAFFIC

may not be getting inspected with Next-Generation Firewall (NGFW) capabilities

1

LIMITED PROTECTION

Some SD-WAN solutions provide security, but it's often limited protection

3

INTERNAL TRAFFIC BETWEEN SITES

Internal traffic between sites may be vulnerable to lateralization attacks and the propagation of malware

2

WAN modernization is driving the need for an integrated WAN and security solution delivered from the cloud.



RECOMMENDATIONS

1

Branch offices that are decentralized from the core network for the purposes of eliminating latency and making other traffic improvements should be secured with advanced protection and not just a traditional firewall and antivirus.

2

If already invested in SD-WAN, consider incorporating advanced security protection from the cloud that seamlessly integrates with your SD-WAN solution.

3

If you are considering SD-WAN solutions, also consider cloud-delivered solutions that provide network and security that protects from the Internet all the way to the endpoint.

THE OPAQ CLOUD

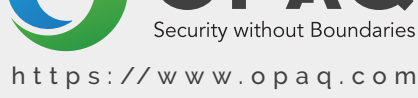
The OPAQ Cloud delivers fully integrated network and security as a single cloud service that can be centrally managed through a cloud console. OPAQ's security-as-a-service simply integrates with SD-WAN solutions to close critical security gaps.

Sources

Gartner "Survey Analysis: Address Security and Digital Concerns to Maintain Rapid SD-WAN Growth" Nov 12, 2018, Naresh Singh

Gartner "Four Architectures to Secure SD-WAN" Oct 6, 2017, Bjarne Munch, Greg Young

451 Research "Ready Now: Middle Market Shift to Security-as-a-Service" March 2017



OPAQ
Security without Boundaries

<https://www.opaq.com>