

TRANSFORMING THE ENTERPRISE WITH SD-WAN

As business IT models expand to include distributed locations and cloud resources, software-defined networking has emerged as the enabling platform.

NETWORKS NEED TO EVOLVE

1.5Mbps connections for simple data

Routers and switches at every location

Manual provisioning of MPLS connections

Expensive, labor-intensive configuration & maintenance



Creates smart, application-aware networks for better performance

Software manages routing and switching

Built-in Security and QoS

Centralized management and zero-touch provisioning

BY THE NUMBERS

AC	+/-	%	÷
7	8	9	×
4	5	6	-
1	2	3	=

Enterprise bandwidth usage is growing **30-40%** annually ¹

SD-WAN delivers:



90% reduction in WAN outages and troubleshooting costs ²



10x bandwidth increase ²



40%+ cost reduction ²

SD-WAN AS A FOUNDATION FOR GROWTH



Centralized, more responsive management to meet evolving business needs



Cloud integration for dynamic scaling, service continuity, and app access across locations



Built-in security with software-defined segmentation and policy enforcement



Hardware consolidation for lower CapEx and increased agility



Application-level intelligence to choose the best network path for optimal performance

What to look for in an SD-WAN solution



Ease of use (intuitive digital experience)



Application performance and traffic analysis and ongoing optimization



Intelligent, application-specific traffic routing



Built-in security



Centralized policy creation, customization and management



Carrier-grade capabilities

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Sources

[1] IDC, "Evolving Enterprise Branch Office Communications in a Dynamic Software-Defined World," August 2016

[2] Nemertes Research, "Building the SD-WAN Business Case," Winter 2016