Nine Essential Elements of an Effective Secure SD-WAN Solution

The versatility of SD-WAN enables organizations to expand how and where it is applied. Connecting branch offices to the cloud or data center is only one possible scenario. A growing number of organizations also use SD-WAN to connect remote workers to cloud and campus resources, and to create high-speed, on-demand connections between clouds or between the cloud and the data center.

The challenge is, few solutions can effectively address all the use cases SD-WAN is able support—and fewer still can do so while securing the connections, data, and applications they deliver. This list identifies nine essential elements every Secure SD-WAN solution should provide to help organizations choose a solution designed to grow and scale with their business.

01. Supports all WAN uses cases and integrates them into a unified WAN edge—powered and secured by a single OS and management system

02. Integrates security and networking functions to improve overall security posture and deliver consistent performance without impacting user experience

03. Delivers superior user experience at any edge with accurate application-identification and steering, including encrypted traffic and dynamic link remediation

04. Secures work-from-anywhere with embedded ZTMA (zero-trust network access) Access Proxy for explicit per-user-application access controls

05. Provides optimal support for cloud-first, security-sensitive, and global organizations by combining dynamic scalability and enterprise-grade security for all use cases

06. Simplifies, automates, and secures SD-WAN deployments across multi-cloud and hybrid cloud environments with cloud on-ramp support

07. Accelerates “Day 2+” operations by providing a unified and consistent view of analytics and reporting to NOC and SOC teams, enabled by a single-pane-of-glass management system

08. Simplified zero-touch roll-out empowers IT to quickly build secure WAN networks to achieve operational efficiencies at any scale

09. Acts as a foundational platform for future-proofing SASE and secure SD-Branch frameworks