

# Lumen<sup>®</sup> SASE Solutions with VMware

Lumen SASE Solutions and VMware for secure, high-performing application access virtually anywhere.

For today's distributed enterprise, Lumen SASE Solutions is a cloud-based network and security experience that is centrally controlled, fully converged and flexibly managed. SASE, or Secure Access Service Edge, delivers cloud-based security and networking as-a-service, no matter where enterprise users or apps are located. With SASE, you can provide your enterprise with productive end-user experiences from any device and in virtually any location.

Lumen SASE Solutions unites the purchase, deployment, orchestration, and management of software-defined network infrastructure and information security to simplify the delivery of applications wherever the business needs them.

## VMware SASE and a cloud-based architecture

VMware SASE is a cloud-native platform that converges cloud networking and cloud security to deliver flexibility, agility, protection, and scale for enterprises of all sizes. The uniqueness of the VMware approach is in its SASE points of presence (PoPs), which are strategically distributed around the world and serve as an on-ramp to SaaS and other cloud services. The global footprint of VMware SASE PoP<sup>™</sup> delivers cloud-based networking and security services that easily scale customers' SASE needs.

- **VMware SD-WAN** is a key building block of VMware SASE, transforming connectivity to cloud services. VMware SD-WAN optimizes app performance over any WAN link. It delivers content across multiple transports using policy-based prioritization, intelligent traffic steering, continuous link monitoring, and automatic remediation.
- **VMware Secure Access** implements a Zero Trust Network Access (ZTNA) model that allows only trusted devices and users access to enterprise applications and resources. The cloud-hosted solution offers multiple benefits over traditional VPN solutions to provide users with consistent, optimal and secure cloud application access.
- **VMware Cloud Web Security** brings together best-of-breed security capabilities: SSL proxy, URL filtering, anti-malware, cloud access security broker (CASB), data loss prevention (DLP), remote browser isolation (RBI), and more. These are integrated into the SASE PoP to provide secure, direct, and optimal access to SaaS applications and Internet sites.
- **VMware Edge Network Intelligence<sup>™</sup>** is a vendor-agnostic AIOPs platform delivering rich user experience and providing artificial intelligence/machine learning (AI/ML)-enabled visibility from users to applications across wireless or wired LAN, WAN, and the cloud.



## Leap to the new normal of work from anywhere with VMware SASE

VMware allows organizations to benefit from the power of SASE in the multitenant internet exchange and co-location data centers of Equinix and other provider partners. You decide where to keep your applications and data and your users choose where they will work. Regardless of the user and application locations, you're ready to deliver optimal and secure cloud application access experience in the distributed multi-cloud world.

By integrating advanced security capabilities, including ZTNA, SWG, CASB, URL Filtering, IPS/IDS, and DLP, VMware SASE extends the security boundary beyond data center and cloud to applications and users, minimizing the attack surface, and protecting users, networks, applications, and data against threats. With VMware SASE, organizations can:

- Use a single cloud-native, multitenant platform for a secure on-ramp to public and private cloud
- Provide a unified secure access experience for branch, campus, and mobile users with VMware Secure Access
- Deliver contextual access based on user identity, device location, and security posture
- Administer web and security policy control from a single management platform

### Key takeaways and next steps

With the VMware SASE Platform, you can continue to expect and achieve:

- **Enterprise agility:** VMware's cloud-first solution enables workers and applications virtually anywhere and provides organizations operational flexibility to adapt to change. With over 150 points of presence, applications are delivered to users reliably, quickly, and securely. The open architecture allows customers to adopt network and security functions on their own timeframe.

VMware SASE Delivering Services through an Extensible Platform  
Evolving networking and security at your own pace



- **Digital experience:** The availability and performance of your mission-critical applications are provided, even over a single link and degraded network conditions, through Dynamic Multipath Optimization™ (DMPO). With all security functions within a single PoP, latency can be reduced to improve user experience.
- **Minimize security risks:** VMware SASE incorporates Zero Trust principles into a comprehensive security suite to provide secure access to your applications. It helps reduce breach and compliance risks when workers access SaaS services and the Internet.
- **Improve TCO:** VMware SASE customers achieved a 50% reduction in time to manage network and security operations according to a Forrester Consulting study. Operations are simplified with a single management plane for both security and networking, and AIOps to automatically diagnose and self-heal network issues.

To learn more about VMware SASE, visit <https://sase.vmware.com/>