

VMware and Lookout Deliver Optimized, Secure Access to Cloud Applications

vmware®

SD-WAN™

Enterprises today are significantly transforming the way they consume applications, adopting SaaS and web applications at an increasing pace. As a result, more and more applications and sensitive data that was once confined to enterprise data centers are now hosted in cloud and edge locations.

The increasingly hybrid workforce needs access to these applications from multiple devices and from any location. As a result, IT teams are dealing with a much higher magnitude of complexity managing those moving parts. IT must ensure that employees, partners, contractors, and interns do not lose productivity, while simultaneously keeping users and IT infrastructure secure. This translates to requiring superior network performance no matter where users connect from—without compromising security—while simplifying operations and management. To address these requirements, many enterprises are adopting newer architectures like Secure Access Service Edge (SASE), which includes SD-WAN and Security Service Edge (SSE).

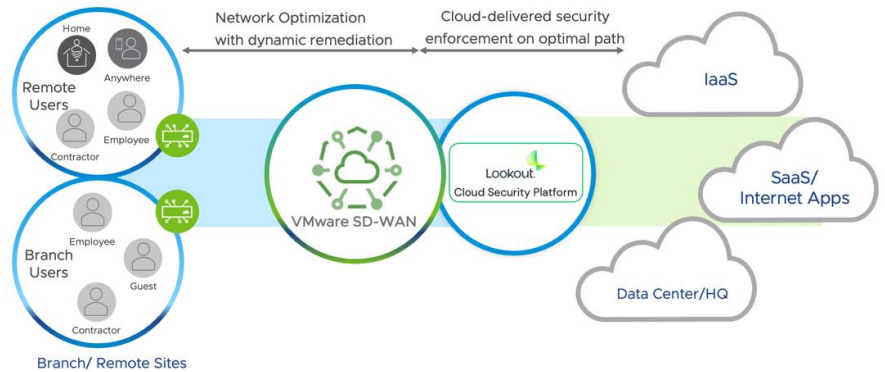
VMware's approach to SASE

VMware offers a full SASE solution, while recognizing that customers want the flexibility to choose their preferred networking and security partners. For VMware SD-WAN™ customers who need SSE, VMware provides integrations with the Lookout Cloud Security Platform.

VMware SD-WAN and Lookout Cloud Security Platform

VMware SD-WAN is a leading networking solution adopted by thousands of customers worldwide and deployed in many industry verticals. The solution provides efficient, reliable, and optimal access to users from any location to any application. To complement VMware SD-WAN, the Lookout Cloud Security Platform delivers a full security solution from endpoints to cloud, including Lookout Secure Internet Access, Lookout Secure Cloud Access, and Lookout

Secure Private Access, delivering secure web gateway (SWG), cloud access security broker (CASB), and zero trust network access (ZTNA) capabilities.



VMware SD-WAN and the Lookout Cloud Security Platform deliver rich and secure user experience

Together, VMware SD-WAN and Lookout Cloud Security Platform deliver an integrated SASE architecture that provides the following benefits to customers:

Rich user experience

Every branch office or remote location is exposed to local network conditions in the last mile. As a result, user experience and productivity can be significantly impacted. Examples include long delays during a file download or video calls suffering from intermittent drops. It is unreasonable to expect IT to create custom policies for each location that specify how the network must handle variation in WAN performance.

VMware SD-WAN remediates problems at each location dynamically using Dynamic Multipath Optimization™(DMPO) technology, without any operator intervention. Users experience better performance during file download and superior collaboration experience with co-workers. Users and applications connect over an optimal path, removing unwanted latency and further enhancing end-user experience.

Uncompromised security

Enterprises don't have to choose between network performance and security. VMware SD-WAN hands off traffic to the Lookout Cloud Security Platform for security enforcement on the optimal path between users and their applications. This is possible because VMware manages a global network of Points of Presence (PoPs) to deliver traffic to Lookout Cloud Security Platform. VMware SD-WAN provides dynamic remediation from the branch to VMware PoPs before handing over the traffic to Lookout PoPs. Lookout provides secure access to internet, cloud, SaaS, and private applications and protects data stored in these apps from unauthorized access and misuse. Users can browse

Learn more

- Lookout Cloud Security Platform, lookout.com/products/platform
- VMware SD-WAN, sase.vmware.com/sd-wan
- VMware SASE, sase.vmware.com

the web and seamlessly navigate between enterprise applications and social applications without the fear of security risks or suffering from performance issues.

Flexible deployment options

Enterprises have the flexibility to send their traffic from the branch to Lookout Cloud Security Platform via the VMware PoP for optimal performance. The alternate option is to direct the traffic from the SD-WAN Edge at the branch to global Lookout Cloud Security Platform PoP based on existing deployment needs.

Simplified operations

VMware SD-WAN uses a centralized orchestrator to manage all branch SD-WAN connectivity. Policies are configured on the orchestrator and pushed to all the branch sites. These policies determine whether the traffic goes to the Lookout Cloud Security Platform via the VMware PoP, or to the VMware SD-WAN Edge at the branch.

VMware SD-WAN simplifies operations by automating connectivity from all branches to the nearest VMware PoPs. The solution avoids the need to manually create tunnels every time a new branch or a new app is onboarded and simplifies the management of site connectivity. VMware SD-WAN uses AIOps to provide IT with visual evidence of users' experience accessing applications, with self-healing capabilities and action-oriented insights into performance deviation.

The Lookout Cloud Security Platform provides a unified policy framework for centralized management across endpoints to cloud for data protection and data security. The platform deploys enhanced data loss prevention (DLP) policies to determine privileged access along with encryption of files, images, email attachments, and others.

Conclusion

Together VMware and Lookout, leaders in WAN edge and cloud security solutions, enable customers to implement zero trust and SASE frameworks that uniquely address the evolving business needs faced by cloud-first enterprises today. The solution ensures higher productivity and user experience while reducing the operational burden on IT. Together, this joint solution delivers the following outcomes:

- Protected access to data and applications from anywhere
- Higher productivity and user experience
- Simplified management of branch office connectivity
- Better performance and scale with an agile security posture