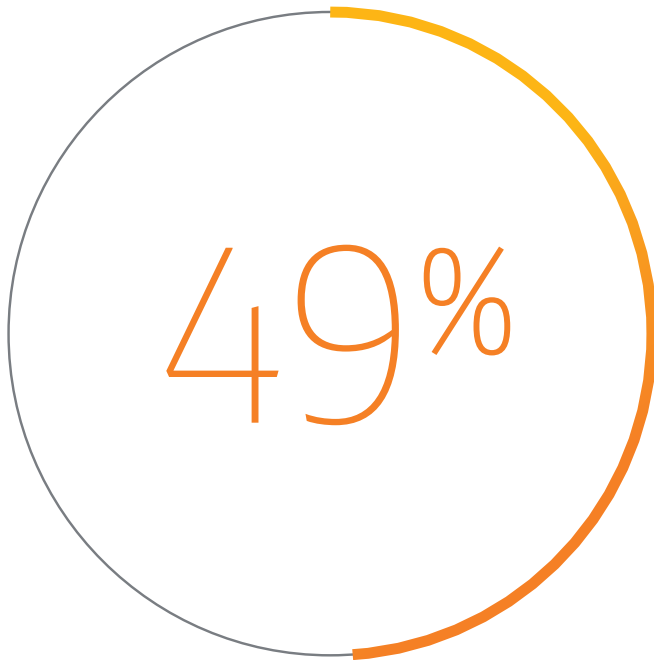




Instant managed security. Seamless network integration.

Security Service Edge (SSE)



of enterprise businesses say their **#1 challenge** in adopting SD-WAN involves the **security concerns** around how to design, deploy and manage sets of dispersed firewalls, IDS/IPS and other security services to protect all Internet traffic.¹

Security in the cloud era: from complex to converged

Connecting and protecting cloud resources and hybrid users requires advanced security capabilities that legacy technologies simply can't support.

Businesses today depend on secure and ubiquitous access to applications and data—on premises and in the cloud. But security architectures built with disparate point solutions and appliances aren't nimble enough to meet emerging technical requirements and protect against a sophisticated threat landscape. Plus, they're complex to manage and costly to maintain.

Security Service Edge (SSE) solutions allow enterprises to shift from a rigid and disjointed IT architecture to a converged security platform delivered as a cloud service.

By consolidating security capabilities into a unified framework, IT security experts can rapidly address new business needs such as cloud migration, adoption of public cloud applications and work-from-anywhere models.

SSE creates the best path to Secure Access Service Edge (SASE) inclusive of SD-WAN, a comprehensive architecture that helps businesses to adapt to constantly shifting users, applications, endpoints and threats, while keeping all application and security policies synchronized and centrally managed.

As organizations adopt a hybrid workforce, they are moving to a human-centric design and must align cybersecurity models as well. SSE supports building security around the user rather than the location and applies unified security policies for workers regardless of their location.”²

2023 Gartner® Magic Quadrant® for Security Service Edge

Introducing SSE from Windstream Enterprise

North America's first and only comprehensive managed SSE solution

Cloud-native Security Service Edge (SSE) from Windstream Enterprise, powered by Cato Networks, enables businesses to seamlessly integrate next-generation security components into existing network environments—without disrupting business. SSE facilitates safe access to websites, SaaS applications and private applications while eliminating the cost and management complexity of point solutions, including appliances and cloud-based security services.

Core SSE features



Secure Web Gateway (SWG)

Safeguard users from malicious traffic and website threats.



Firewall as a Service (FWaaS)

Secure all traffic and eliminate on-premises appliances.



Zero Trust Network Access (ZTNA)

Minimize risk from remote users and dynamically enforce security policies.

Optional SSE features



Threat Prevention

Block malicious files and defend against advanced cyberattacks and stop the spread of ransomware.



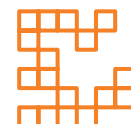
Software Defined Perimeter (SDP)

Replace legacy VPN and deliver dynamic application access based on user identity, location and device type.



Cloud Access Security Broker (CASB)

Protect against cloud security risks and regain control of cloud-based apps.



Data Loss Prevention (DLP)

Help ensure PCI and HIPAA regulatory compliance while protecting sensitive information.



Security as a Service API (SaaS API)

Provide secure connectivity to sanctioned third-party apps with out-of-band visibility and control.



Managed Extended Detection & Response (MXDR)

Offload the resource-intensive and skill-dependent process of detecting compromised endpoints.



End Point Protection (EPP)

Simplify management of end point security by automatically responding to events with multiple mitigation actions.

Why SSE from Windstream Enterprise?

Protect what matters most to your organization

Take back control of your security posture with Windstream Enterprise. Get fully managed enterprise security that takes the complexity out of cybersecurity and compliance. Breathe easy knowing your network, resources, people and reputation are safe in our hands.

Security benefits



Consistent policy enforcement

Connect all edges into a common security platform. All traffic between any two edges is inspected, and corporate policies are enforced for threat prevention and data protection.



Reduced attack surface

Implement zero trust access, ensuring users only have access to authorized applications. All traffic is continuously monitored for anomalies, threats, attacks and sensitive data loss.



Improved security posture

Remove the IT burden of manually mitigating emerging threats. Our Cyber Security Operations Center (CSOC) experts ensure end users are always protected.



High-performance security inspection

Seamlessly inspect all traffic, and scale vertically and horizontally with a cloud-native solution.

Business benefits



Enterprise-level security

Allow users to access apps and data over any connection type with peace of mind that security is in place.



Centralized operations

Put policy management in the cloud and distributed enforcement points close to the user, app or device through a single pane of glass portal.



Seamless path to SASE

Create the best path to a SASE solution inclusive of SD-WAN and avoid disruption to the existing network.



Lower operational overhead

Eliminate updates, patching and scaling of appliances by having Windstream Enterprise fully manage, monitor and secure software and devices.



By 2025, **80% of organizations** seeking to procure SSE-related security services will purchase a consolidated SSE solution, rather than stand-alone cloud access security broker, secure web gateway and ZTNA offerings, **up from 15% in 2021.**³

Are you ready for an SSE solution?

SSE may be right for your organization if you are facing the following challenges:

- ✓ Supporting a secure hybrid work model
- ✓ Managing disjointed security point solutions and need to synchronize policies
- ✓ Upgrading legacy on-premises security devices, unable to scale
- ✓ Wanting to maintain current network, but leverage unified cloud-native security features
- ✓ Creating a seamless path to SASE

Total access. Total control.

Windstream Enterprise provides easy-to-maintain solutions that simplify administrative functions while offering deep visibility and actionable insights. With WE Connect, our award-winning management portal, you gain immediate access to all the information about your solutions and services to effectively manage your enterprise endpoints—all from a single pane of glass.



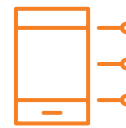
Centralized management

Perform routine operational functions, like adding new users or locations, in moments versus days.



Real-time visibility

Get an interactive view of security policies and incidents by application and end user, plus tools to customize reports for actionable insights.



Anytime, anywhere, any device

Access WE Connect via a mobile device with all the functions of the desktop app.

Ready for the best path to SASE with SSE?

The cloud era is redefining the business network. SSE delivers the advanced security services today's enterprises need to succeed in a rapidly evolving landscape. Depend on Windstream Enterprise to configure, analyze and automate every element of your SSE framework—backed by our CSOC and Technical Service Management experts.

And when you're ready, complete your SASE transformation by integrating SSE with SD-WAN.

Connect your international locations to synchronize your security policies worldwide in over 200 countries.

More than 4,000 enterprises trust Windstream Enterprise to enhance network resilience and optimize application performance, while accelerating cloud adoption at more than 32,000 of their critical locations.



2022 TMC Zero Trust Security Excellence Award for SASE Imagery



2022 Cloud Computing Security Excellence Award for SASE



2022 INTERNET TELEPHONY Cybersecurity Excellence Award for SASE



2022 TMC INTERNET TELEPHONY Implementation Award for SD-WAN

1. "Shift Your Network Thinking to SD-WAN and Security." A Forrester Consulting Thought Leadership Paper. Commissioned by Windstream Enterprise, March 2022.
2. Gartner. "Magic Quadrant® for Security Service Edge." April 10, 2023. Charlie Winckless, Aaron McQuaid, et al.
3. Gartner. "2022 Strategic Roadmap for SASE Convergence". June 24, 2022. Neil MacDonald, Andrew Lerner, John Watts.

Our managed connectivity, communications and security solutions are innovative. Your business outcomes are imperative.

To learn more about SSE from Windstream Enterprise, visit windstreamenterprise.com

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