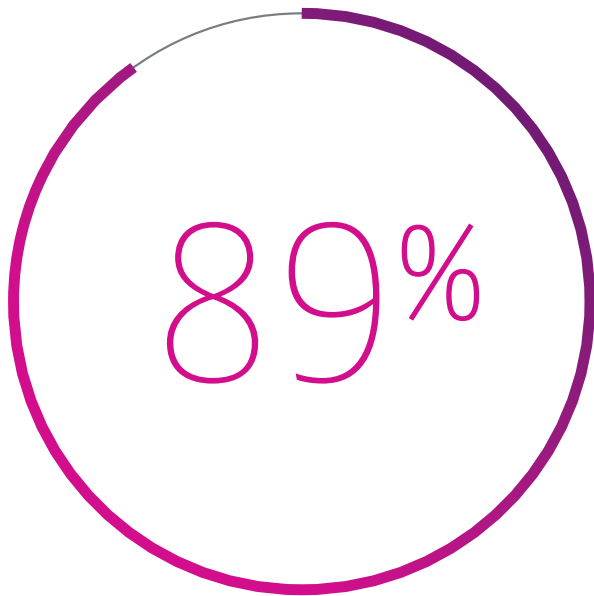WE

The Convergence of SD-WAN and Security

Secure Access Service Edge (SASE)

A unified, secure connectivity experience
available anywhere and anytime.

WINDSTREAM
ENTERPRISE

89%

The majority of respondents (89%) report having a multi-cloud strategy (a slight increase from 87% in 2023). Another 10% continue to consolidate on a single public cloud, the same as 2023.[1]

Migrating to the cloud opens the door to new opportunities. And new challenges.

The way we work has evolved. Two enormous shifts—the cloud and mobility—require organizations to reconsider how to better connect and secure their offices, users and resources.

Enterprise IT teams are being asked to implement immediate solutions in response to new environments. These factors are driving an unparalleled acceleration of enterprise migration to the cloud, dispersing the network edge more than ever before and, in some cases, making it vanish completely.

The rise of cloud application adoption generates new demands for teams who need to ensure quick access for an often dispersed, remote workfo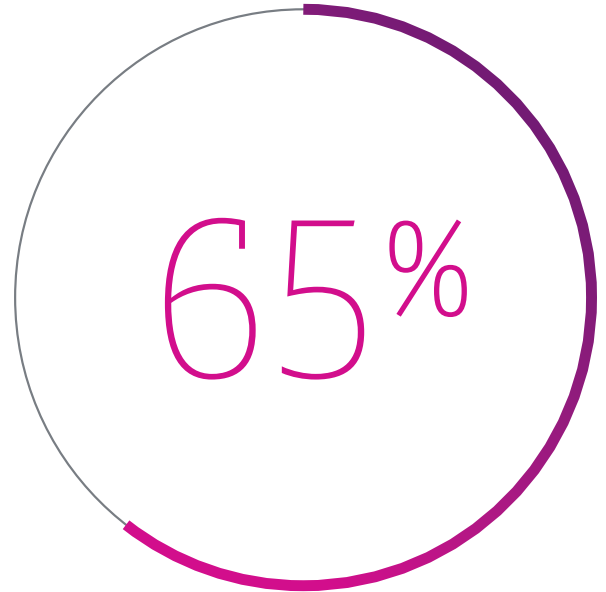rce. Organizations are turning to centralized and dynamic access to network resources from anywhere and the ability to connect from any device.

Simultaneously, there's a growing necessity for reliable, advanced security policy enforcement across the enterprise. Providing secure access to company resources is essential to achieve business continuity and support a work-from-anywhere model during a time where cybersecurity is most needed.

The SASE revolution

SASE is a layered, interwoven fabric of network and security technologies that protect an organization's data and systems from unwanted access. It enables enterprises to deliver protected networking and security services in a consistent way and supports the unceasing movement towards digital business transformation and workforce mobility.

SASE can deliver these capabilities because it's built upon a solid platform of SD-WAN and is intertwined with software intelligence. This combination allows users to access applications from any device and from any location. The result is enhanced security with less network complexity.

65%

By 2027, **65%** of new SD-WAN purchases will be part of a single-vendor SASE offering, up from 20% in 2024.[2]

Major components of SASE

Software-Defined Wide-Area Networking (SD-WAN)
Optimize application performance, network routing, global connectivity and cloud acceleration.

Firewall as a Service (FWaaS)
Secure all traffic and eliminate on-premises appliances.

Secure Web Gateway (SWG)
Safeguard users from malicious traffic and website threats.

Zero Trust Network Access (ZTNA)
Minimize risk from remote users and dynamically enforce security policies.

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.

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

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.
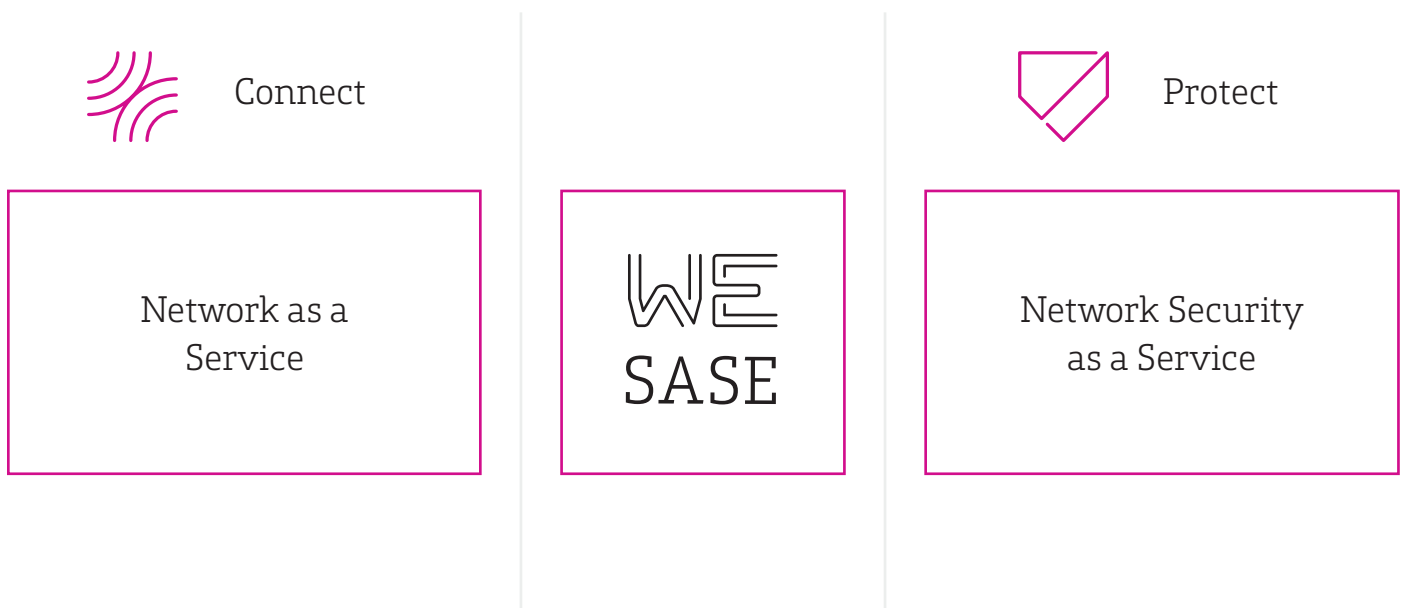
Security as a Service API (SaaS API)
Provide secure connectivity to sanctioned third-party apps with out-of-band visibility and control.
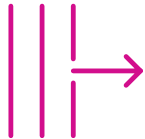
How SASE works

SASE consists of a layered, interwoven fabric of network and security technologies that protect an organization's data and systems from unwanted access.

Connect	WE SASE	Protect
Network as a Service		Network Security as a Service

WE + leading SASE technology

Windstream Enterprise is partnering with industry-leading SASE technology vendors to deliver four of the most sophisticated and resilient SASE solutions available.

Next-generation Unified Threat Management (UTM) firewall security

WE Connect, a true 'single pane of glass' that provides network visibility and management

Secure Remote Access (SRA) to ensure an encrypted connection over the Internet

A nationwide Cloud Core™ SASE architecture for rapid deployment, seamless integration, greater extensibility and higher uptime

Ready to get SASE?

If these trends and challenges apply to you, it's time to adopt SASE:

Need for protection from malware and exposure to security vulnerabilities

Disjointed management of siloed security and networking technologies

Applications reside in the cloud

End users connect to your network from outside a controlled environment

Limited visibility to cloud compute and end-user resources

End user performance experience is degrading

Unable to control all device connections to your network

Increased network complexity

End users expect more direct access to resources

Why SASE from Windstream Enterprise

SASE Express Lane
Install in 14 days and get your security policies in place rapidly using existing Internet access.

International
We serve over 200 countries worldwide..

Integrated network and security. Managed your way.
SASE is an anytime, anywhere unified and secure connectivity experience that streamlines your operations and improves employee productivity across the globe.

Enterprise-level security
Allow access to apps and data over any connection type.

Centralized operations
Put policy management in the cloud and distributed enforcement points close to the user, app or device.

Device consolidation
Reduce the number of single-purpose customer premises equipment (CPE) at a branch to a single agent or SD-WAN device.

Zero Trust Network Access
Ensures encrypted connections and bases network access on the identity of the user, device or application—not IP address or physical location.

Hybrid WAN
Run security over the top of both existing private MPLS connections and public Internet bandwidth for rapid, seamless deployment.

Improved performance
Enables reliable high performancel for latency-sensitive apps, such as collaboration, video, voice and web conferencing.

Lower operational overhead
Eliminates the need for IT to constantly update, patch and scale appliances.

1. 2024 State of the Cloud Report, Flexera.

2. Andrew Lerner, "Magic Quadrant for Single-Vendor SASE", July 3, 2024.

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

To learn more about SASE, visit windstreamenterprise.com

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