A new approach to securing your enterprise's digital environment
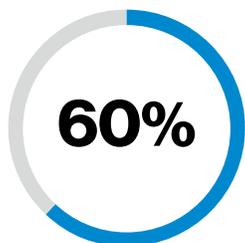
Introducing Verizon Advanced SASE, a network and security platform that securely connects people, data and endpoints from any location to any app or service.

Digital transformation is a priority for the enterprise, but managing and securing increasingly distributed and complex IT environments poses challenges.

Growing online threats, the movement of applications to both cloud and edge, and the increasing use of more dynamic applications—combined with the global COVID-19 pandemic—have contributed to performance and security challenges. As a result, businesses are looking for solutions that scale quickly while still being able to optimize both network performance and security.

While the traditional IT approach to addressing network congestion and potential security risks is to add more dedicated appliances and specialized systems, that strategy doesn't work well in today's cloud-native and edge-application distributed world.

Companies need to redefine how networks are managed and security is delivered. What's needed is a new comprehensive model—one that's focused on securing access to applications, whether they are located at the edge or in the cloud, and that uses identity-based authentication combined with network security.

Advanced SASE: A new way to secure and optimize your unique network environment

Advanced Secure Access Service Edge (SASE) is a solution that merges software-defined wide area network (SD WAN) capabilities with comprehensive network security services to create a unified, cloud-delivered service model that supports the dynamic secure access needs of digital enterprises.

Advanced SASE represents a strategic shift in how to approach security. Creating a new, universally distributed, identity-centric, unified networking and security platform ensures that end users and devices on the network edge—from remote offices and workers to cloud resources to IoT devices—are securely connected.

In addition, it promises to optimize access performance by making it easier to securely connect to resources wherever they are located, which could drive business benefits like reduced product development time, faster delivery to market and greater agility in response to competitive or operational challenges.

60%

Sixty percent of organizations experienced an increase in information security incidents as a result of the pandemic.[1]

With Advanced SASE, you can improve business agility while offering your users new ways to secure connectivity to applications or resources, no matter where they are located.

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Leading the way with a best-of-suite solution

Advanced SASE is an adaptive, end-to-end offering that can be delivered as a single-provider managed solution or as a flexible service with industry-leading point solutions to help fill the needs of an existing SASE initiative.

We call it a best-of-suite solution because it brings together proven products from recognized network and security industry leaders. These are vendors who represent the ideal combination of features, validation, market presence and innovation in solutions, and whose technology and services integrate with ours. Rounding out the offering is our expertise in managing the entire solution.

> According to the Dell'Oro Group, "SASE holds great appeal because it unifies and simplifies networking and security across a wide variety of network use cases, ranging from larger headquarter/branch networks down to individual users."[2]

The Advanced SASE solution

Verizon SD WAN simplifies network management.

Enterprises must reach people in more places faster and more reliably than before. SD WAN helps do this with hybrid connectivity and intelligent, application-aware networking to dynamically distribute bandwidth and apply policies with centralized tools. Bandwidth changes and congestion are easily managed as they occur and onsite technicians aren't needed at multiple locations to handle manual configurations.

A secure web gateway provides threat protection across all users.

Remote employees often need to securely connect to the corporate network to access company applications. A secure web gateway is delivered through a cloud-based port and extends your WAN environments to remote locations and users. With this fully managed, centralized gateway security, your customers and employees can use a variety of wireless and broadband access options to securely connect to your corporate network or the public internet and collaborate virtually anytime and anywhere.
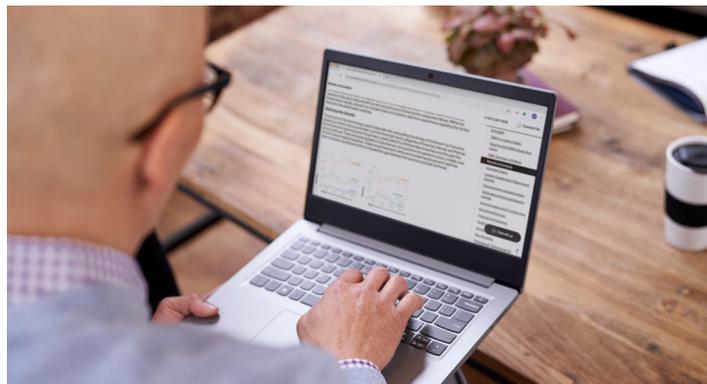
Verizon Software Defined Perimeter offers zero-trust architecture to help defend against threats.

Bad actors are continuously looking for ways to access your network. A zero-trust security approach assumes that users or devices, whether inside or outside the network perimeter, should not automatically be trusted. Verizon Software Defined Perimeter (SDP) applies this zero-trust approach to networking for remote access, internal network segmentation and cloud applications.

Verizon Managed Network and Security Services provide expert implementation and management.

Getting SASE right is challenging and requires a deep understanding of complex network and security features. Verizon Advanced SASE includes our industry-recognized Managed Network Services and Security Services, led by senior network and security engineers who have the expertise and knowledge needed to orchestrate, optimize and manage all the key technologies required by SASE.

We can help build a SASE solution that supports your unique objectives.

Verizon has the interdisciplinary expertise and unmatched experience working across all the key technologies required for SASE. Our deep bench of senior network and security engineers have the knowledge and skills needed to orchestrate, optimize and manage a SASE implementation.

Best-of-suite solution
We've brought leading products and services together in tested, proven approaches—ensuring simplification, optimization and best orchestration for organizations.

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Managed services

One of the biggest benefits of our solution is that the performance, flexibility and security it offers can be provided under a managed services umbrella, which removes the worry and burden of managing individual components from the IT team.

Orchestration and optimization

We leverage the cumulative insights gained through our understanding of multiple organizations and use that to orchestrate and optimize an implementation to realize its full potential.

Flexibility with different configurations and point solutions

For enterprises that already have particular requirements for certain vendors, we offer industry-leading management and add-on security solutions to help fill additional gaps beyond those addressed by SASE. We also have the orchestration and management expertise to make sure that different solutions from different vendors work together seamlessly.

One point of contact across the entire solution

Because we can deliver both the network platform and the security components holistically, we gain intrinsic visibility into both network performance and security across all the different connectivity methods.

Let us help create strategic advantages for your enterprise.

With Verizon Advanced SASE, you can:

• Experience better network performance with a global SD WAN service and built-in optimization

• Simplify security through centralized policy control, focusing on cloud-based security services

• Reduce overhead and free IT from routine tasks such as updating and patching appliances

• Enjoy an end-to-end solution for enterprise networking and security needs

• Improve performance/latency through optimized traffic routing

• Apply more consistent security policies regardless of where a user or device is located

• Improve security by adopting user authentication based on optional zero-trust network access

Why Verizon

Working with a partner that understands the complex variety of network and security features that comprise SASE—and that can help you choose and implement the right features to meet your needs—will be critical.

Verizon has been offering SASE-like services and technologies for over 10 years. Using our multidisciplinary approach—complemented by key partnerships—we can help provide organizations with the best SASE solution to fit their unique needs, in one fully managed service.

We bring recognized leadership across key technologies.

Verizon's network and security expertise continues to win accolades and recognition from industry analysts:

• Gartner Magic Quadrant for Network Services, Global[3] leader for 15 years running

• Gartner Magic Quadrant for Managed Security Services, Worldwide leader for seven consecutive years[4]

• Only telecommunications company named a Leader in both Magic Quadrant for Network Services, Global, and Magic Quadrant for MSS, Worldwide, over the last three years

• Gartner Magic Quadrant for 2020 Managed IoT Connectivity Services, Worldwide leader[5]

• The Verizon Data Breach Investigations Report has become the go-to resource for quantifying and assessing evolving cybersecurity trends and continues to be relied on by security professionals, business leaders and organizations in every industry

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What makes our SASE solution different?

- For enterprise customers, Verizon is the only provider to meet the full requirements needed to offer a comprehensive solution for SASE (network and security)

- We fully standardize the onboarding management and operations, as well as support several vendors to provide flexibility for our enterprise customers. With Verizon, you are not locked into one particular technology; rather, we bring in the right technology for the right challenge

- We bring our Network Operations Centers (NOCs) and Security Operations Centers (SOCs) together to help customers as a single point of contact for support

- Verizon has more than 30 years of experience managing and securing some of the most complex networks in the world

- Because of our position as a network and security services leader, we bring a collective wisdom to the equation that is difficult to find anywhere else

Get the peace of mind that comes from partnering with a network and security leader.

With Verizon, you can rest easy knowing that our decades of network and security expertise can help you build the secure and optimized infrastructure you need for success now and in the future.

30+ years
of experience managing some of the most complex networks in the world

99%
of Fortune 500 companies served

4,300
networks managed globally

1.7 trillion
security events processed each year

$145 billion
invested in innovation since 2000

To find out more about Advanced SASE, click here or contact your Verizon Business Account Manager.

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1 451 Research Digital Pulse: Coronavirus Flash Survey October 2020, 451 Research. https://go.451research.com/MC-2020-10-CoronavirusFlashSurveyOct2020_LandingPage.html

2 Advanced Research Report: SASE, Dell'Oro Group, October 2020. https://www.delloro.com/advanced-research-report/secure-access-service-edge-sase/

3 Gartner, Magic Quadrant for Network Services, Global. Published: 20 February 2020. Analysts: Neil Rickard | Bjarne Munch | Danellie Young. As a Leader in Magic Quadrant for Network Services, Global 2015 - 2020; as a Leader in Magic Quadrant for Global Network Service Providers in 2011-14; as Verizon Business in Magic Quadrant for Global Network Service Providers 2007, 2009-2010; as Verizon Business in Magic Quadrant for Managed and Professional Network Service Providers, North America in 2008.

4 Gartner, Magic Quadrant for Managed Security Services, Worldwide. Published: 2 May 2019. Analysts: Toby Bussa | Kelly M. Kavanagh | Sid Deshpande | Pete Shoard.

5 Gartner, Magic Quadrant for Managed IoT Connectivity Services, Worldwide. Published: 12 December 2019. Analysts: Pablo Arriandiaga | Eric Goodness | Leif-Olof Wallin | Jonathan Davenport.