

in cooperation with



Deutsche Telekom SD-WAN based on Versa Networks



The future is a single pane of glass for SD-WAN and security

SD-WAN and security are converging. Security risks at branch locations are one of the main drivers behind enterprises investing in combined SD-WAN and security solutions to continue moving their applications to multiple clouds. Having all those services in a single fabric is a huge benefit for the enterprise in terms of operations, monitoring, and reporting. SD-WANs allow customers to incrementally increase the volume of data transmitted between cloud-based data centers and their edge networks without taking performance hits or suffering from over-provisioning of legacy hardware or circuits.

68% of large companies believe managing network security devices is the most challenging part of WAN and security management
(Dimensional Research)

75% of these companies have identified information security risks at branch locations
(Dimensional Research)

Key challenges

A patchwork approach causes several problems

- Too many security and network solutions
- A mix of different network and security solutions adds too much complexity to the company's infrastructure
- Integration of multi-cloud into the network
- Making changes to the global WAN involves manual tasks
- Setting up new sites takes too long and there is a need to achieve zero touch provisioning
- Voice and video traffic applications do not always meet employee and customer expectations
- Managing on-premise security solutions is too complicated
- Legacy VPNs can't fulfill modern security standards

SD-WAN based on Versa Networks

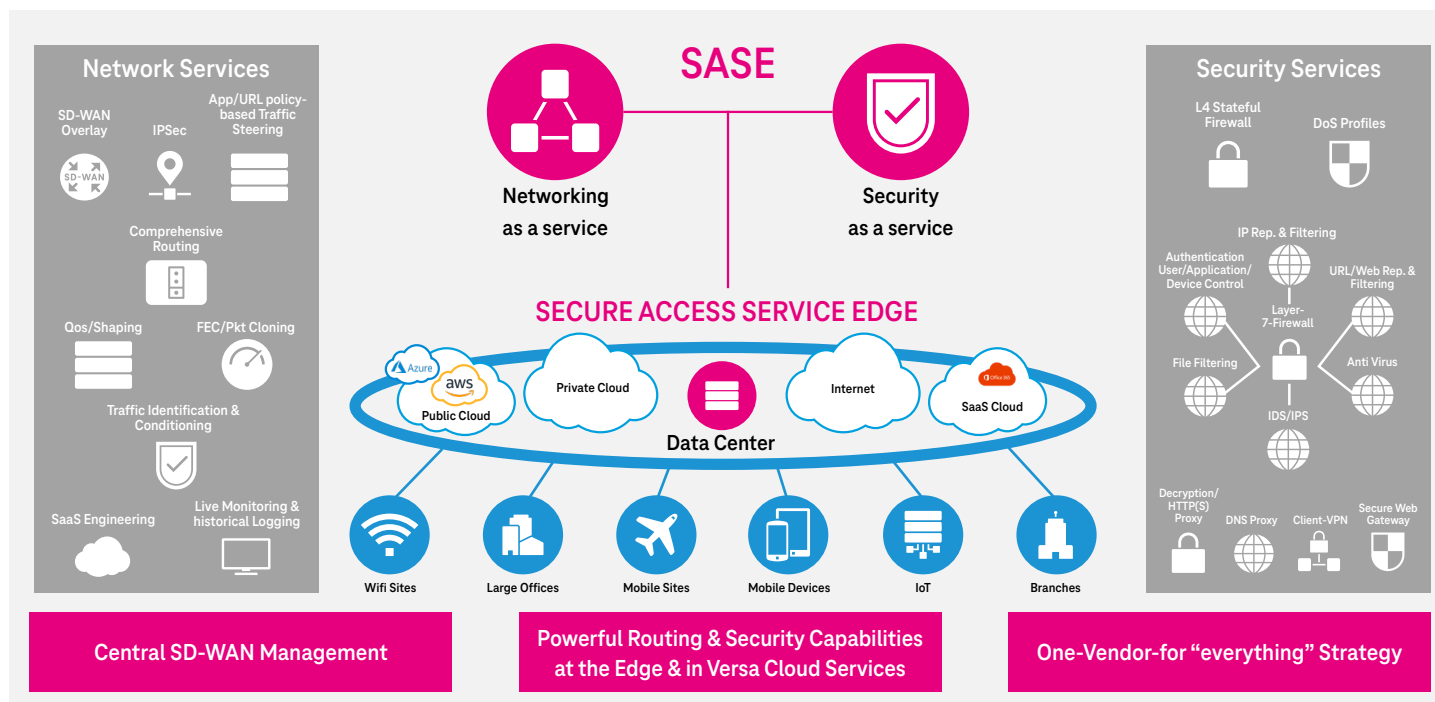
A single service platform for SD-WAN and security

Deutsche Telekom offers a software-defined wide area network (SD-WAN) based on Versa Networks as a fully managed or co-managed service.

The majority of traditional wide area networks (WANs) are based on hybrid architectures. The combination of multiple different underlays (for instance MPLS or broadband internet service) enables flexible and dynamic traffic offloading. You also get decentralized management, scalability, and application traffic steering based on link performance. An SD-WAN brings all of these capabilities together in a single fabric with centralized control functionality to securely and intelligently direct traffic across the WAN. This increases application performance and delivers a high-quality user experience, resulting in increased productivity and agility while lowering IT costs.

Telekom SD-WAN based on Versa Networks is a multi-tenant service platform with advanced SD-WAN and security features as an all-in-one solution on the customer's edge device or in the cloud.

SD-WAN based on Versa Networks for secure networking



Key features

- SD-Branch**
 Advanced SD-WAN solution including a comprehensive routing stack supporting MPLS, internet, and LTE WANs
- Advanced security**
 Next-gen FW and UTM services integrated in an SD-WAN framework with role-based access control as thick branch/thin cloud or thick cloud/thin branch
- SaaS optimization**
 SaaS optimization to enhance end-user experience for SaaS applications with intelligent breakout and TCP optimization
- Multi-cloud**
 Fully orchestrated multi-cloud approach
- Unified security and application control policies**
 Service orchestration & automation with a single pane of glass across the enterprise
- Analytics**
 Big-data analytics for in-depth network, security, and application visibility
- Customer-owned access**
 Provider management as a service including proactive monitoring & alarming (for internet & MPLS)
- Optimize TCO for network, security and WAN optimization**
 Consolidation of network services and flexibility for uplinks and subscriptions including WAN optimization

Your benefits

- Unified data plane, control plane, and management plane for security and network access from anywhere
- Multi-tenancy spans security, network, and cloud gateways
- Integrated WAN optimization on demand
- Exceptional user experience with low-latency connectivity to SaaS applications
- Manage SASE from a single pane of glass
- Focus on analytics
- Significant reduction in security and network TCO

USPs

- Central management and analytics platform
- Integrated network & security for cloud
- More than 60 different brands of bare metal boxes available with Versa FlexVNF
- Native integration of on-premise and Cloud SASE services
- Integrated NG security
- It's easy to connect new locations with ZTP (zero-touch provisioning)
- Multi-tenancy for orchestration & edge devices

The Deutsche Telekom Global Business portfolio

We are your partner of choice for design, implementation, and operation of secure SD-WAN solutions perfectly tailored to the needs of your business.

Zero-risk migration

We leverage tried-and-trusted industry-leading migration methodologies and operational principles — with a Zero Outage track record.

Multiple deployment options

Our SD-WAN services can be used as complete network solutions including our internet access service or MPLS network.

End-to-end service

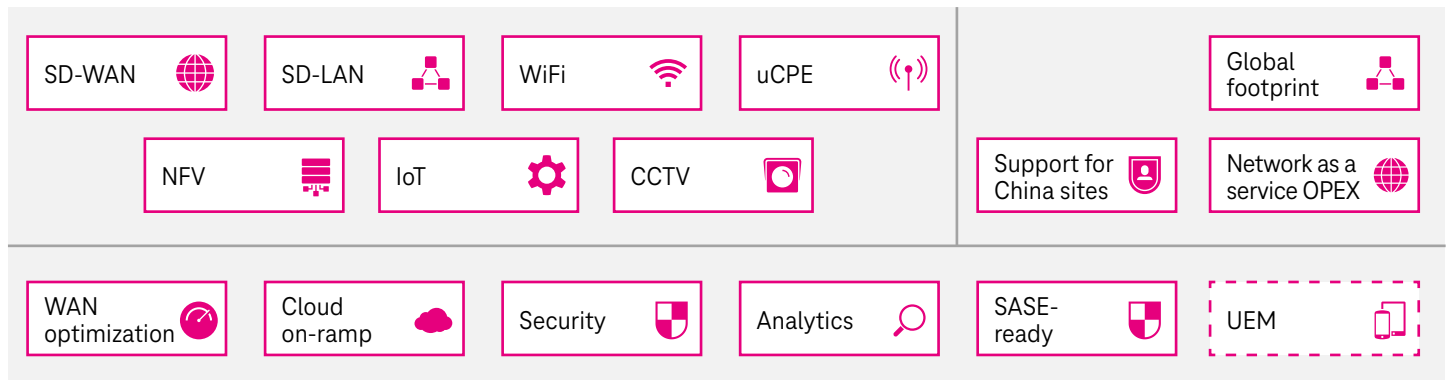
We provide a single, accountable point of contact, offering personal, end-to-end service.

Consultancy approach

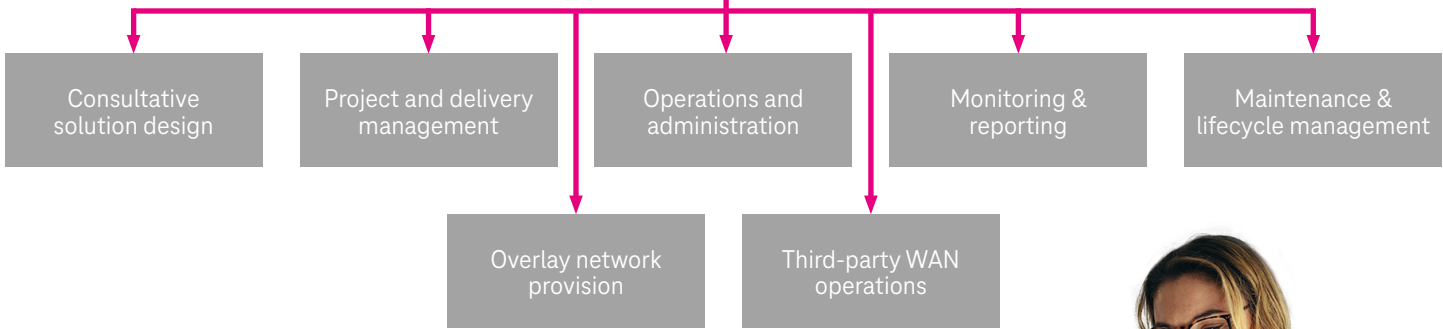
We help you build an SD-WAN solution that is a perfect match for your company's DNA by analyzing current and future business needs.

Benefit from our vast experience

Whether it's the underlay network, endpoints, geographic reach, security, or analytics — there are many aspects to consider during the planning for and migration to a business-centric SD-WAN solution. When you choose Deutsche Telekom Global Business, you get the expertise this level of complexity demands. Profit from the vast experience we've accumulated over the years by successfully providing more than 500 customers with fully managed connectivity.



FULLY MANAGED CONNECTIVITY AS A SERVICE



A strong partnership you can rely on

Deutsche Telekom Global Business

- Part of Deutsche Telekom Group
- 7 competence centers
- More than 400 SD-WAN experts
- Established in 28 countries

Versa Networks

- Founded in 2012
- Headquarters in San Jose, California
- More than 5,000 customers
- Over 600 employees around the globe

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