

# Secure Software-Defined WAN for the Enterprise

*Transforming Network Architecture to Achieve  
Digital Transformation*

Enterprises are digitally transforming the fundamental approaches to how they are bringing business and productivity services to their internal and external customers. The modern IT landscape has quickly evolved to help speed the adoption of cloud, Software-as-a-Service (SaaS), mobile devices, and IoT (Internet of Things). Employees and customers alike are demanding more flexibility, agility, and reliability when it comes to business connectivity. However, with the promise of the cloud and mobility comes a growing threat landscape in which attackers have more vectors to breach an organization. Businesses need to re-evaluate their current systems and tools because legacy architecture is no longer adequate to stand up to both performance and security demands. Organizations need to adopt a new IT model that eliminates the inefficiencies of existing wide area network (WAN) architectures, reduce the costs those connectivity services consume, and protect against security breaches.

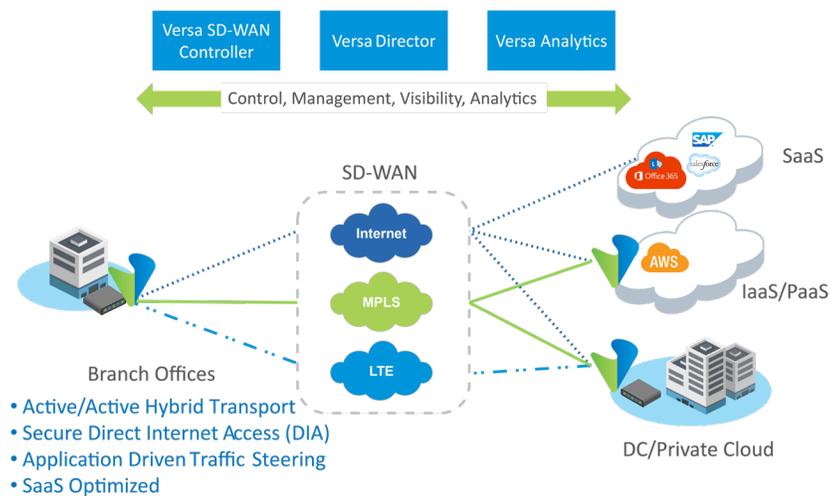
Versa Networks is the leader in providing secure software defined -WAN (SD-WAN) for the enterprise. To meet WAN and branch office challenges, Versa combines full-featured SD-WAN, comprehensive integrated security, scalable advanced routing, genuine multi-tenancy, and sophisticated analytics. Versa's Secure SD-WAN solution enables enterprises to increase their bandwidth and cloud experience, improve flexibility, and decrease the cost of their legacy WAN all with an application-driven and software-defined overlay solution. To protect against the growing threat landscape, Versa enhances SD-WAN by offering next-generation firewall (NGFW), secure remote access, and unified threat management (UTM) services that protects application and user activity across the enterprise WAN, branch, and private/public clouds. Versa's Secure SD-WAN solution is a key component in any digital transformation strategy: allowing organizations to enable secure, scalable, and reliable enterprise-wide networking while increasing multi-cloud application performance and dramatically driving down costs.

## BENEFITS OVERVIEW

- Lower costs by 80%
- Deploy 10x faster
- Improve Application performance and Reliability
- Simplify Support and Operational complexity

## SOFTWARE-DEFINED USE CASES

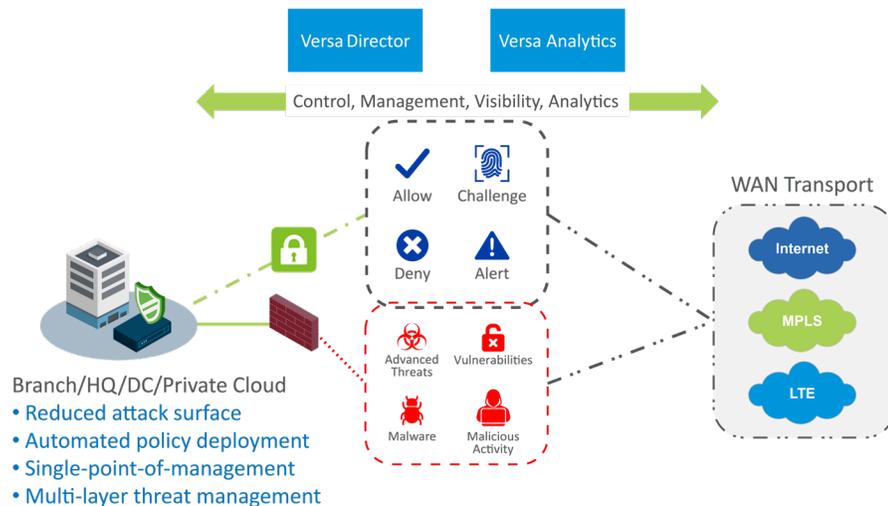
### Use Case #1 - Transforming Legacy WAN



- **Dynamically create secure tunnels** between locations with any topology, independent of the underlying transport
- **Flexible secure topologies per application** or segment supporting direct, regional and hub Internet breakouts
- **Optimize traffic steering** for 2700+ applications and improve cloud and SaaS user experience
- **Automate the deployment** of new branches with zero-touch provisioning

Versa SD-WAN enables enterprises to quickly deploy an application-driven and secure hybrid enterprise WAN to increase performance and reliability, while reducing the operational complexities of legacy WAN architecture.

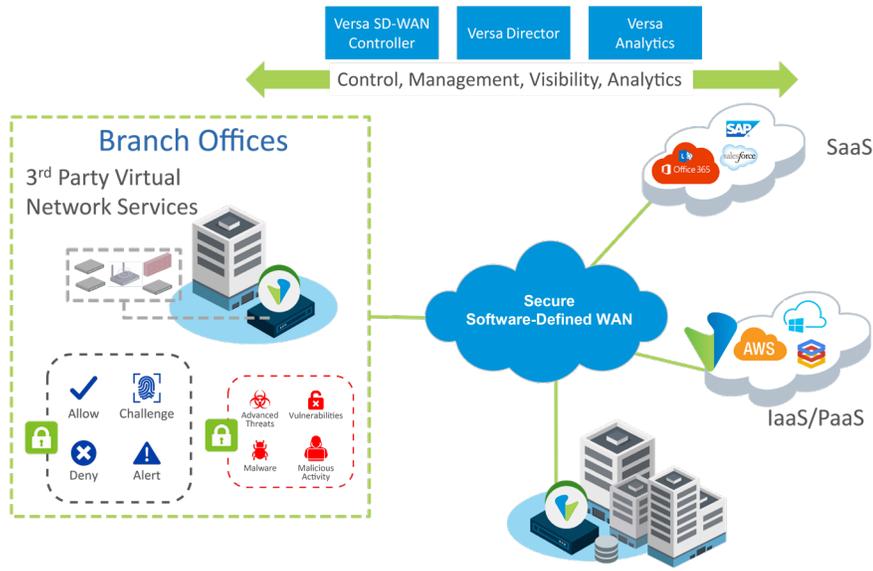
### Use Case #2 – Securing Your Network



- **Fully built-in security** services respond to threats fast and accurately
- **Broad set of security features**, including next-generation firewall, secure web gateway, AV, and IPS
- **Application and user level protection**, filtering, and role-based access policies
- **Hierarchical per-tenant/segment policy** to contain security threats from moving laterally across the network

Versa security capabilities built into the Secure SD-WAN solution enables enterprises to dynamically protect against advanced threats everywhere: whether it be on-premises, hosted, or in the cloud. Organizations can get more visibility and control of their threats with a unified policy and security service framework.

### Use Case #3 – Achieving True Multi-Tenancy



- **Cloud-native and multi-tenant services** at every branch office with consolidated native IP networking and security
- **Flexible deployment choices** at the branch, hub, or cloud utilizing Versa or 3rd-party white-box appliances or virtual instances
- **Distributed services and centralized control** for unmatched elasticity and simplicity
- **Fully virtualized stack of services** providing for underlay networking, SD-WAN, and security

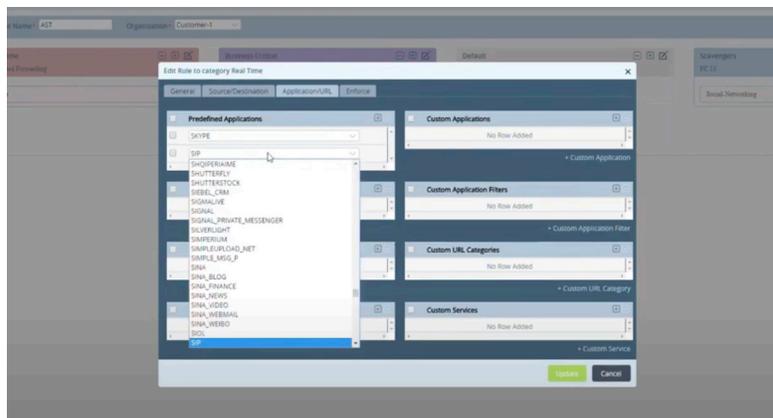
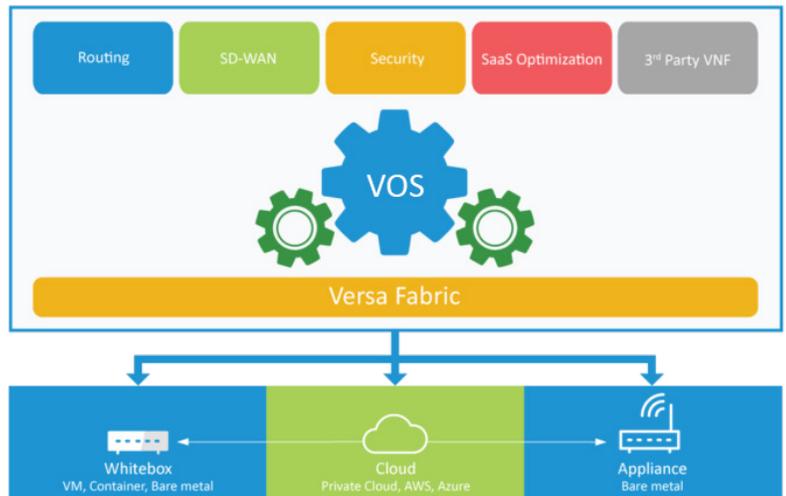
Versa’s Secure SD-WAN allows for true multi-tenancy allowing total separation between every tenant and enabling each to have a complete SD-WAN implementation. With zero touch provisioning for branch offices, IT teams can deploy a unified and fully automated services platform to solve the complexity of WAN and branch architectures.

## VERSA COMPONENTS

### Highlights

Versa Operating System (VOSTM) provides the broadest set networking and security capabilities including but not limited to:

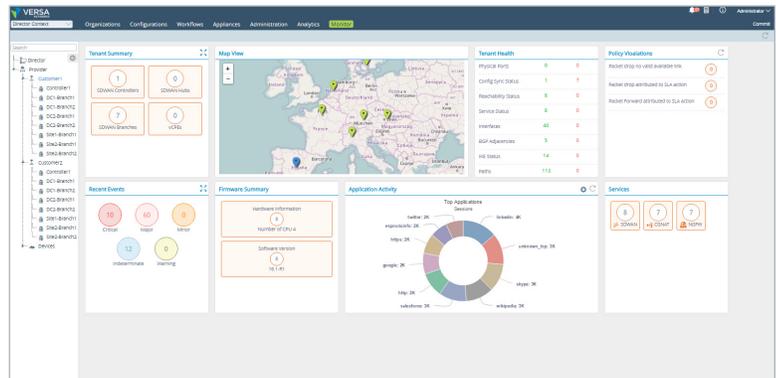
- Advanced routing, SD-WAN, CGNAT, NGFW, UTM
- VM, whitebox, and DC/private/public cloud deployments
- Zero-touch provisioning for reduced IT burden and deployment costs
- Per application flow traffic steering
- End-to-end segmentation and encryption
- Integrated hypervisor for hosting of 3rd party network or security services.



## Versa Director Highlights

Versa Director provides the essential management, monitoring, and orchestration in a single-pane-of-glass:

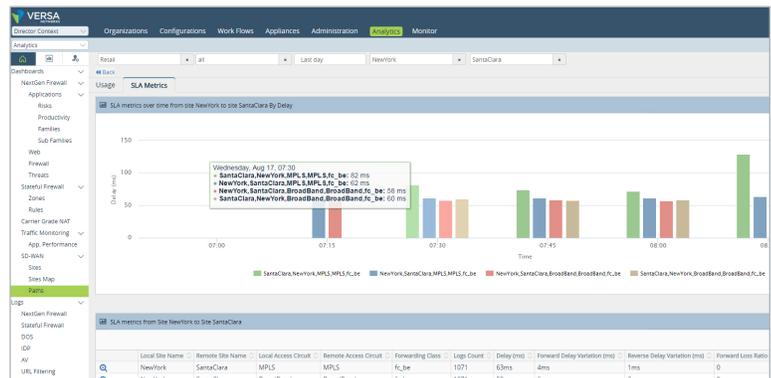
- Life-cycle management and CRUD operations
- Multi-organizational support and management
- Centralized application policy control
- Integrated with 3rd party orchestration, SDN, and management tools
- Multi-service chain definition, deployment, and management of physical and virtual services.



## Versa Analytics Highlights

Versa Analytics is a big data solution that provides real-time and historical visibility, baselining, correlation, prediction and closed-loop feedback of your network:

- Policy driven data logging
- Real-time and historical traffic visibility and anomaly detection
- Reporting for multiple network and security services
- Multi-organizational reporting
- 3rd party application and monitoring tool integration



For more information on Versa Networks solutions, please visit [www.versa-networks.com](http://www.versa-networks.com)

## About Versa Networks

Versa Networks, the leader in Secure SD-WAN, combines full-featured SD-WAN, complete integrated security, advanced scalable routing, genuine multi-tenancy, and sophisticated analytics to meet WAN Edge requirements for small to extremely large enterprises and Service Providers. Versa Secure SD-WAN is available on-premises, hosted through Versa-powered Service Providers, cloud-delivered, and via the simplified Versa Titan cloud service designed for Lean IT. The company has transacted hundreds of thousands of software licenses globally through its global Service Providers, partners, and enterprises. The company is backed by premier venture investors Sequoia, Mayfield, Artis Ventures and Verizon Ventures.

For more information visit <http://www.versa-networks.com> and follow us [@versanetworks](https://twitter.com/versanetworks).