



Software-Defined WAN & Security for the Enterprise

A Transformative Network Architecture to Accelerate Digital Transformation

Enterprises are embarking on a wave of digital transformation that is changing the fundamental approaches to how they are bringing business and productivity services to their internal and external customers. The enterprise IT landscape has evolved rapidly influenced by the increased importance of cloud, the explosion of Software-as-a-Service (SaaS) and the initial adoption of IoT (Internet of Things). This is changing how businesses are serving their customers but also how they are looking to architect their internal networks across the globe. The rise of these new methods of user and customer experiences is bringing to light the inefficiencies of existing wide area network (WAN) architectures and the cost of the connectivity services they consume.

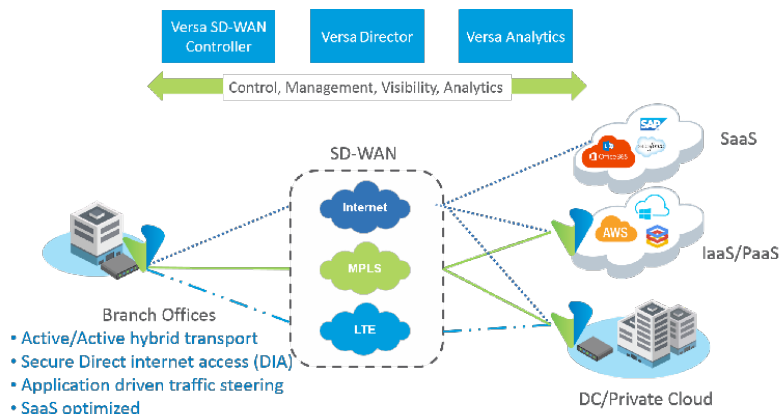
Leveraging Versa Networks' cloud-native multi-tenant software platform and comprehensive suite of networking and security services, VoxNet provides a diverse set of Software-Defined solutions for Resellers and MSPs to offer their enterprise customers solutions to address their Branch and WAN challenges. VoxNet's Software-Defined WAN (SD-WAN) enables enterprises to increase their bandwidth, improve flexibility and decrease the cost of their legacy WAN all with an application driven software-defined overlay solution. VoxNet enhances SD-WAN with Software-Defined Security (SD-Security) by offering Next-Generation Firewall (NGFW) and unified threat management (UTM) services, securing application and user connectivity across the enterprise branch, WAN and private/public clouds. Enterprises can combine SD-WAN and SD-Security to transform to a software-defined branch (SD-Branch) and experience the operational, financial and security benefits within a cloud-native services platform architecture.

Benefits Overview

- Up to 80% lower costs
- Up to 10x faster deployments
- Improve SaaS and application performance reliably
- Simplify support and operation

SOFTWARE-DEFINED USE CASES

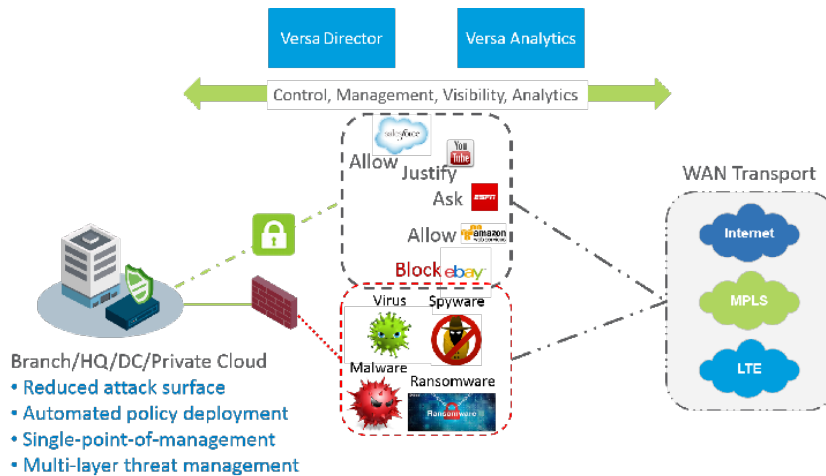
USE CASE #1 - SOFTWARE DEFINED WAN (SD-WAN)



- 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 with app-driven policies.
- 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.

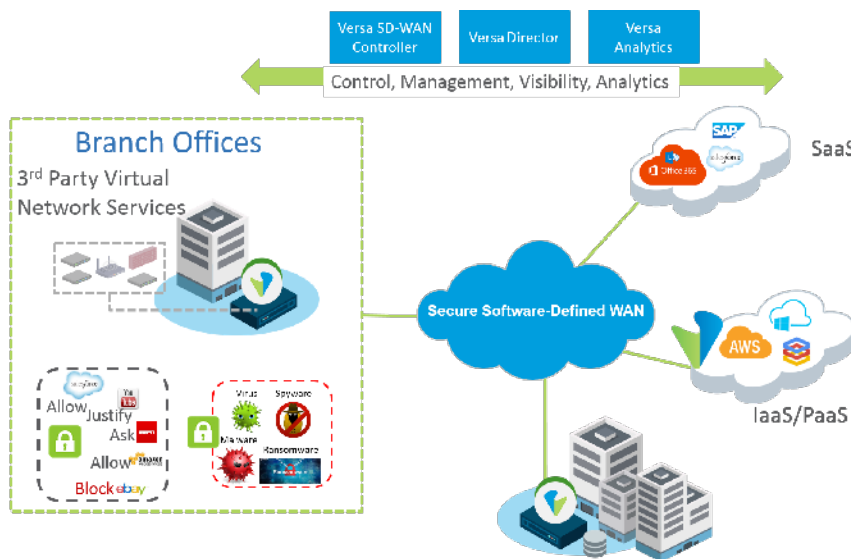
USE CASE #2 - SOFTWARE-DEFINED SECURITY (SD-SECURITY)



- Fully integrated and layered security services deepen and simplify branch security
- Broad set of security functions, including next-generation firewall, secure web gateway, AV and IPS
- Application and user level protection filtering and security
- Hierarchical per-tenant/segment policy and enforcement to address critical and business application requirements

Versa Software-Defined Security (SD-Security) enables Resellers and MSPs to dynamically deploy and secure WAN and application access to their enterprise customers providing defense in-depth for the enterprise branch and WAN with a unified policy and security service framework.

USE CASE #3 - SOFTWARE-DEFINED BRANCH (SD-BRANCH)



- Cloud-native and multi-tenant services platform with native IP networking and security services consolidating and software-defining the enterprise branch
- 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 SD-Security services

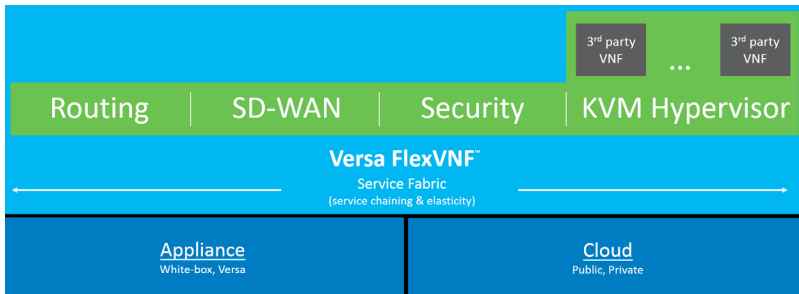
Versa Software-Defined Branch (SD-Branch) enables Resellers and MSPs to transform the enterprise branch through a cloud-native multi-tenant software platform with networking and security services. Enterprise IT can deploy a unified and fully automated services platform to solve their complex WAN and branch architecture.



SD-WAN COMPONENTS

FlexVNF Highlights

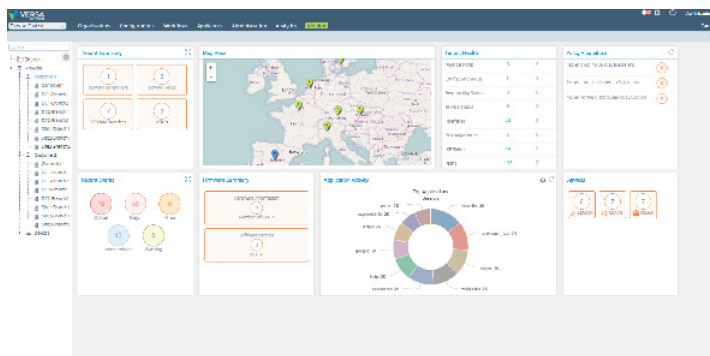
Versa FlexVNF provides the broadest set of VNFs in industry from advanced networking and SD-WAN to a wide range of security functions.



- Advanced Routing, SD-WAN, CGNAT, NGFW, UTM
- VM, Whitebox, and Public Cloud deployments
- Zero-touch provisioning (ZTP) for IT workflow simplification
- Per Application flow traffic steering
- End to End segmentation and encryption
- Integrated Hypervisor for hosting of 3rd party network or security services.

Director Highlights

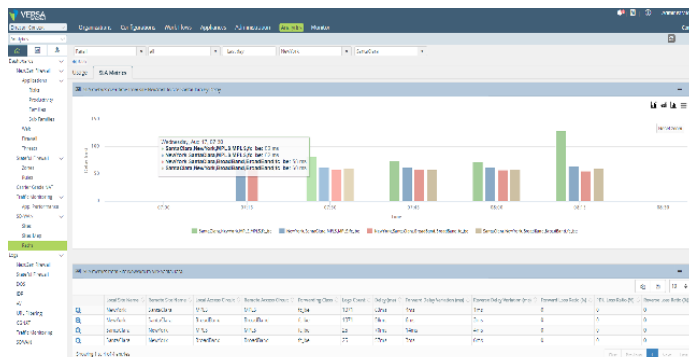
The Versa Director provides the essential management, monitoring and orchestration capabilities needed to deliver software-defined services from a single-pane-of-glass console.



- Life-cycle management and CRUD operations
- Multi-organizational support and management
- Centralized application policy management
- Integrated with 3rd party Orchestration, SDN and Management tools
- Multi-Service chain definition, deploy and management of physical and virtual services.

Analytics Highlights

Versa Analytics is a big data solution that provides real-time and historical visibility, baselining, correlation, prediction and closed-loop feedback for VergX software-defined solutions.



- Policy driven data logging framework
- Real-time and Historical traffic usage and anomaly detection
- Reporting for multiple network and security services
- Multi-organizational reporting
- 3rd party Application and monitoring tool integration