

# Versa Director

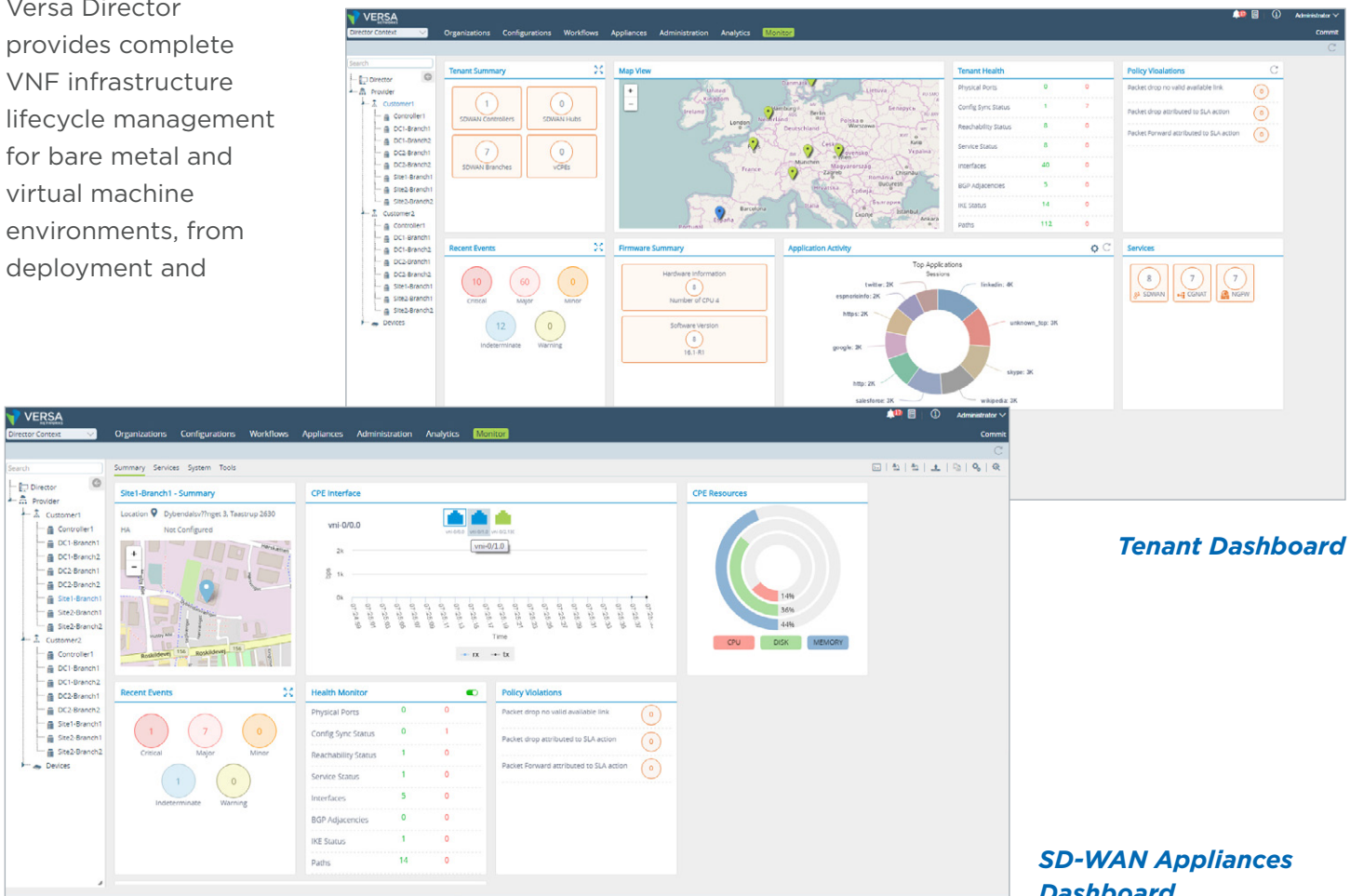
## Product Description

Versa Director is Versa Networks' virtualization and service creation platform that simplifies the creation, automation and delivery of services using Versa FlexVNF. Versa Director provides the essential management, monitoring and orchestration capabilities needed to deliver Versa's VNF-based network and security services. Services supported by Versa include routing and connectivity to direct Internet access and control and SD-WAN with layered advanced security.

Versa Director provides single-pane-of-glass management for connectivity and services. It scales to thousands of end customers or organizations through hierarchical multi-tenancy and role-based administrative capabilities. Combined with Versa FlexVNF software, Versa Director provides complete VNF infrastructure lifecycle management for bare metal and virtual machine environments, from deployment and

configuration to ongoing monitoring and change management of Versa and third party VNF-based services with automatic actions such as auto-healing and auto-scaling.

Versa Director also provides a rich set of interfaces for effective integration with third party products. Versa Director supports service definitions including Versa and third party service components, enabling flexible service chain creation and deployment. In addition, utilizing open and widely available protocol and API formats allows for tight integration with operations and business systems. The result is rapid delivery and simplified ongoing management of Versa-based services, from basic connectivity to advanced SD-WAN and branch security.



**Tenant Dashboard**

**SD-WAN Appliances  
Dashboard**

## Feature Support Details

Policy	Monitoring
Centralized policy management – policy locking, versioning	FlexVNF monitoring – System, Cluster, Interface, Alarms
CRUD operations on users, roles, capabilities	Service monitoring – SNMP MIBs, counters, statistics
VNF placement support using resource pools	Auto-healing
Operations	AMQP based notifications
VNF life cycle management	Elasticity Support
Template-based provisioning	Policy-based auto and administrative scale-out/scale-in of FlexVNFs
FlexVNF configuration management, backup, restore, archive, rollback	Service Chaining Support
Hierarchical multi-tenancy support and tenant management	Service chaining of FlexVNFs and third party VNFs
Service catalogs, subscription plans for tenants – specify flavors, policies	Deployment Options
Service orchestration	White box
Rest APIs for all operations	Bare metal
FlexVNF management using industry standard NetConf (RFC 6241)	Virtual machine
Web-based graphical user interface (GUI)	Containers
Administration	Cloud Management Systems
Inventory management	VMware vCloudDirector, vCenter
Software management/upgrades	OpenStack, VMware Integrated OpenStack
Client and secure API management for third party integration	Bare metal services with local cloud abstraction
User-management and AAA integration – Radius/LDAP/TACACS+	Third Party Overlay Integration
Role-based access control	VMware NSX, Nokia Nuage, Open Contrail, OpenDaylight (ODL)
High availability and disaster recovery	OSS/BSS and Orchestration Integration
Configuration audit logs	Ciena BluePlanet, Ubiquiti, Cisco NSO, Ericsson ECM, Alcatel Cloudband, NEC NetCracker
Licensing and usage reporting	
SSO (Single-Sign-On) support via SAML	
Licensing and Entitlement management	

## System Requirements

Versa Director supports both bare metal & VM deployments

Storage	Operating System
120 GB. SSD, SATA/SAS drives. SSD is recommended.	Ubuntu 14.04
Processor	Web Browser
2 socket server - 8 cores per socket or greater, Intel Xeon 64bit processor	Chrome, Firefox
RAM	
32GB - 64GB	

## About Versa Networks

Founded by network industry veterans, Versa Networks is an innovative vendor in the SD-WAN and SD-Security market. Versa's solutions enable service providers and large enterprises to transform the WAN and branch networks to achieve unprecedented business advantages. Versa's carrier-grade NFV software provides unmatched agility, cost savings, and flexibility, compared to traditional network hardware. 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).

