

VNS3

A virtual networking platform to protect apps in any environment

Cohesive Networks' VNS3 is a cloud-class network security and connectivity platform built for public, private and hybrid cloud environments. Over 2,000 customers in 20+ countries trust VNS3 to enhance network security on top of other cloud networks.

Highlights

Connect across multiple public, private, and hybrid clouds

Integrate with existing VPNs, networking devices, and technologies

Secure all data in motion end-to-end with encrypted VPNs and IPsec connections

Comply with industry standards and attest to control measures to meet PCI, HIPAA, and more

Scale cloud networks without limit

Simplify and monitor your network from a single console.

Reduce runtime fees by combining network functions into a single, in-network VM.

Acts as 6 virtual devices in 1:



router



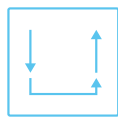
switch



firewall



vpn concentrator



protocol redistributor



extensible nfv

Federate cloud resources across a single, secure and encrypted overlay network you control

VNS3 is a network appliance that helps enterprises securely integrate data centers networks to cloud deployments. Build your own overlay networks with encrypted data and controlled access over top of any cloud network.

The cloud is a public, shared resource too open for most enterprises. By managing your deployment, security policies, and network design through an overlay network your applications can communicate with secure, end-to-end encryption.

Industry standard security & connectivity for all your apps

Enterprises should treat all networks as untrusted (cloud or not). VNS3 encrypts all data-in-motion to, from, and inside your overlay network in any cloud environment. Using industry standards including IPsec tunnels and SSL VPN connections, you can guarantee application traffic is secure and reliable.

Do more with less: Layer 4-7 network container plugin system

VNS3 has an application container plugin system that lets you add Layer 4-7 network services needed for your cloud use-case. Build on our VNS3:net overlay network technology to use dynamic protocols (BGP, multicast, GRE, etc.) and customize your network functions.

Built on Ubuntu 12.04, VNS3 includes Docker integration. Now you can build in network functions such as HAproxy, Nginx, NIDS, and Varnish SSL into a single VNS3 Controller VM.

Flexible pricing based on network complexity, not ports

VNS3 lowers your Total Cost of Ownership because we price our software on complexity, not what the hardware guys used to charge.

"Need more than one IPSEC tunnel into an AWS region? Then you need this! Simple, easy, up and running in 10 minutes."
- Ken Sain, Senior Systems Administrator at IRBsearch, LLC

VNS3 Use Case

Cohesive Networks has been helping enterprise IT customers achieve security goals and establish connectivity across cloud data centers since 2008. VNS3:net gives enterprise cloud networks better integration, connectivity and security.

BMP and CRM vendor integrates cloud deployments into existing NOC



- Independent software vendor offers Fortune 500 customers SaaS alternative to datacenter-based software or hardware through overlay networks.
- VNS3:net uses IPsec and Overlay Network to isolate traffic over the Internet, in the cloud, and to customers.

European telecom company productizes line as a SaaS offering in public cloud



- Telecom retail and services firm with \$4.5B in mobile related revenue able to productize their mobile, fixed line, and broadband software into SaaS offering in AWS
- VNS3:turret secures all public and private VLAN traffic for each customer deployment allowing adherence to Data Protection Standards.



U.S. Investment Management Firm ensures security, FIMSA compliance

- Investment Management Firm with \$230B in funds under management meets PCI and FIMSA requirements for all data center deployments
- VNS3:turret secured and segmented applications deployed to the private data center allowing the firm to enforce security policies at the application layer

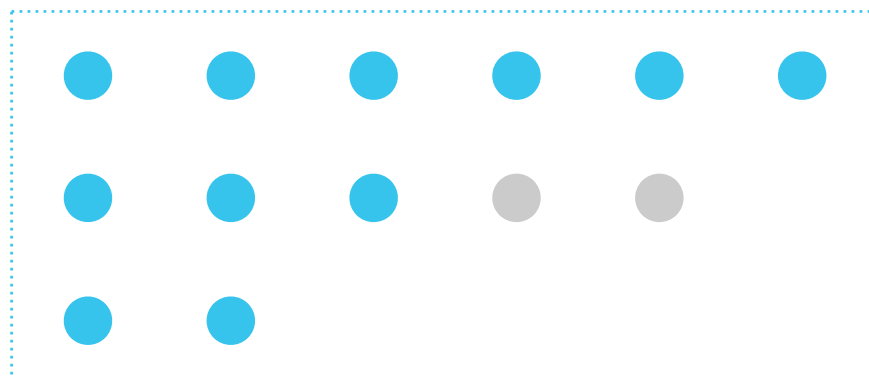
VNS3 Product Family

scalable VPN end-to-end encryption multi-cloud, multi-region monitor & manage automatic failover secure app isolation

VNS3: turret
Application Security Controller

VNS3: net
Security & connectivity networking

VNS3: vpn
Free, self-service connectivity

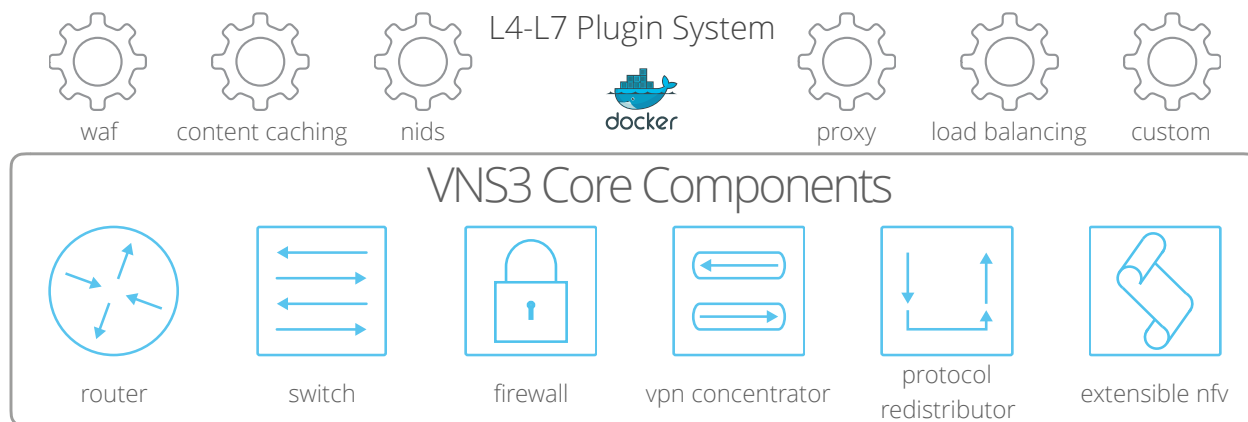


ADD-ONS

VNS3: ms
Management System

VNS3: ha
High Availability

"VNS3 provides a virtual networking device that is configurable and maintainable. But the best part is the support." - Russ Kraus, Vice President of IT at Medkeeper



AT A GLANCE

VNS3:net is a cloud native network, routing and security solution. **Connect, Integrate** and **Secure** your cloud applications with VNS3:net.

VNS3:net functions as a hybrid networking and security device. Build **enhanced network services** over top of any cloud platform network by using layer 4-7 services and the plugin container system.

Enhance VNS3:net by using:

- **VNS3:ha** instantly creates a highly available mesh network for failover back up in any cloud.
- **VNS3:ms** a single dashboard to manage and monitor all virtual networks.

Integrate seamlessly

Integrate with your existing VPNs, networking devices and hardware. VNS3:net works well with products from Juniper, Cisco, Dell, Netgear, Fortinet, Watchguard, Dell SONICWALL, Barracuda, OpenSwan, & more.

Choose your cloud

VNS3 offers cloud connectivity for your existing physical infrastructure and cloud deployments in public, private and hybrid clouds.

Available for Public Clouds:

Amazon Web Services EC2 and VPC, Microsoft Azure, CenturyLink Cloud, IBM SoftLayer, Google Compute Engine (GCE), ElasticHosts & Rackspace.

Available for Private Clouds & Virtual Infrastructure:

Openstack, Flexiant, HPE Eucalyptus, Abiquo, VMware (all formats), Citrix, Xen, KVM, and more.

We're here to help

All VNS3 products come with basic support to get started. Scale up to 24/7 support and upgraded editions can add connectivity, high availability, and network management tools as needed.