

VPN Gateway Virtual Appliance

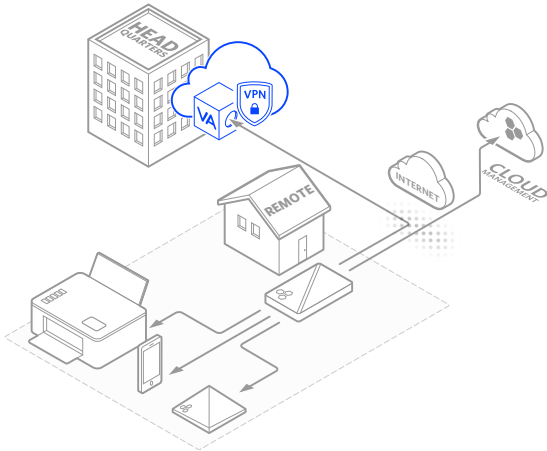
VMware-based VPN Tunnel Termination



VPN Gateway Virtual Appliance

The **VPN Gateway Virtual Appliance (VGVA)** is designed to simplify VPN and GRE termination, and is a key component of Aerohive’s SD-WAN solution. As a software-based VMware-compliant solution, the VGVA provides scalable enterprise-class VPN termination for thousands of layer 2/3 VPN tunnels from remote access locations.

Underpinned by Aerohive’s Cloud management platform and HiveOS Routing intelligence, highly distributed organizations benefit from simplified provisioning, increased network resilience, end-to-end visibility and control, and reduced cost and complexity.



VGVA Features

Performance

- Multi-path optimization and link state detection
- Granular user profile-based QoS policies for each user and device
- Application-aware traffic shaping and performance optimization
- Per packet decision making

Security

- Identity-based access control plus application visibility for 1200+ applications
- Wired endpoint authentication for 802.1X, MAC authentication, and Captive Web Portal support
- Layer 2-7 stateful firewall

Management

- Public and Private Cloud, and on-premises management with intuitive configuration and comprehensive reporting
- Full stack solution when combined with Aerohive’s unified switches and wireless APs
- Simplified rollout – zero-touch provisioning & dynamic router IP address space management
- WAN and VPN monitoring via HiveManager, SNMP v1, v2c, and syslog

VGVA RECOMMENDED HARDWARE SPECIFICATIONS

	500 TUNNELS	1000 TUNNELS
CPU	2.4GHz dual-core	3.1GHz quad-core
Memory	2+ GB (512MB for VM)	4+ GB (1024MB for VM)
Ethernet NICs	1 or 2	2
VMware Version	ESXi 4.1 or later	
Hard Disk Size	10+ GB (256MB for VM)	

Product Specifications

SD-WAN Routing Features

- Link state monitoring
- Per packet dynamic WAN path selection
- User and application aware routing policies

Routing Protocols

- OSPF
- RIPv2

Layer 3 IPsec VPN (When combined with Aerohive router(s))

- Remote office IPsec-based VPN solution
- Profile-based split tunnelling with NAT support
- Extend local subnet or create unique subnets per remote site
- Redundant tunnel support

Layer 2 IPsec VPN (When combined with Aerohive AP(s))

- Remote AP IPsec-based VPN solution
- Extend local subnet to remote sites
- Redundant tunnel support

Note: a single VGVA can function in either L2 or L3 mode (not both).

VGVA SKU

SKU	DESCRIPTION
AH-VG-VA	VG-VA, VPN Gateway Virtual Appliance