Aerohive **SD-WAN**

Flexible, Simplified, Unified Network Access from HQ to Anywhere

AEROHIVE®
NETWORKS

SD-WAN

Aerohive's SD-WAN solution builds on a state-of-the-art cloud networking platform to deliver a secure, reliable and cost-effective HQ-like network experience to every user, regardless of location or device. This cutting-edge solution can help reduce costs, increase performance, enhance security, simplify management and improve user experience.

Key Benefits

Reduce costs, improve productivity
Reduce the dependancy on expensive MPLS links. With multi-site VPN functionality, distributed networks can be seamlessly joined together. This enables remote sites to easily and securely access HQ resources including file servers, databases and printers.

Increase performance and resiliency
Dynamic path selection and auto-remidiation ensures traffic is always passed over the most optimal uplink. If the business line is slow, dynamically re-route traffic over the broadband connection. If the broadband fails, switch to LTE.

Full-stack network management
Combine Aerohive's SD-WAN and SD-LAN - manage the Wi-Fi, switching and routing through a unified policy. Keep everything secure with network-wide enforcement. Make life easier with single-pane-of-glass visibility, analytics and troubleshooting.

Empower home and remote workers
With zero-touch VPN provisioning, an instant tunnel can be formed to HQ. Provide a HQ-like experience to users, whether working from home or a hotel.
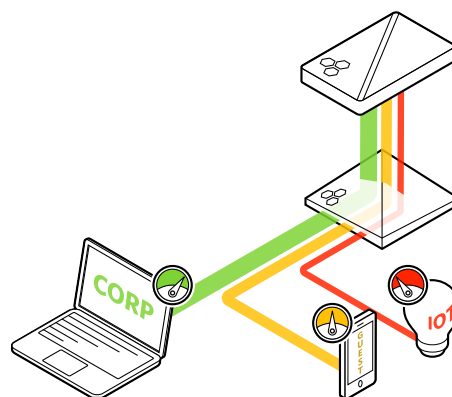
Control application and user behaviour
With user-based routing policies, permit corporate traffic to pass over the MPLS network whilst pushing guest traffic over a broadband link. With application-based routing, prevent bandwidth-hungry services consuming the LTE connection.
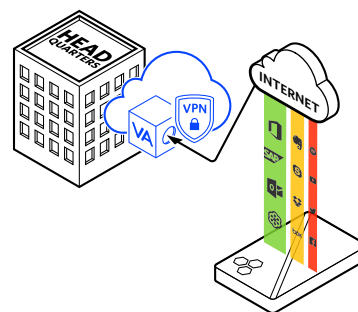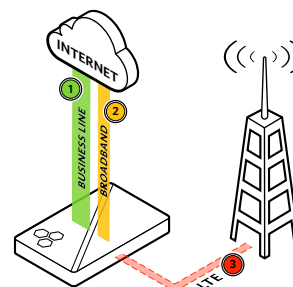

Application Traffic Optimization
Prioritize, direct, restrict, and block apps

Identity-Driven Policy Enforcement
End-to-end SD-LAN/SD-WAN User Controls and Optimization

Link State Monitoring
Dynamically shape performance based on backhaul operational state

2

Feature Breakdown

Multi-Path Optimization
Achieve optimal network performance with intelligent traffic steering between multiple transport links

Cloud-Managed
Reduce operational costs and complexity of distributed deployments with centralized cloud management

Link State Monitoring
Provide the highest levels of service and reliability cost-effectively with link state monitoring and failover

Automated Provisioning
Shorten time to deploy by enabling automatic provisioning of Aerohive devices with network policy and firmware updates

L2-7 Policy Enforcement
Enable contextualized profiling and advanced security features for consistent network usage and security policies on every device, wired or wireless, regardless of their location

Visibility and Reporting
Obtain enterprise-grade visibility and control in real-time and comprehensive reporting of network quality and availability

Application Flow Control
Identify, prioritize, and restrict traffic flows based on application importance or bandwidth requirements for optimized network performance

LTE Backhaul
Leverage LTE as either a primary connectivity option or as back-up to ensure site-to-site connectivity and business continuity

Virtual VPN Gateway
Complete VPN flexibility with NFV virtual gateway appliance for the data center or headquarter deployment

Remote Troubleshooting
Proactively diagnose and remedy client connectivity problems in real-time and historically with remote cloud tools

Unified SD-LAN and SD-WAN
Simplify deployment, security, and troubleshooting with a common software-defined architecture and cohesive access and backhaul networks

Components of Aerohive SD-WAN
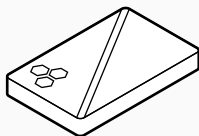
XR200P Router

Cloud-managed secure SD-WAN router for secure and reliable enterprise connectivity at remote locations

Virtual VPN Gateway

VMware-appliance specifically designed to terminate route-based Layer 3 IPsec VPN tunnels from Aerohive SD-WAN routers

HiveManager™ Cloud Management

Cloud management for SD-WAN/SD-LAN unified networking provisioning, monitoring, and troubleshooting

To learn more about Aerohive's SD-WAN solution, please visit aerohive.com/technology/sd-wan/.