

# Aerohive **SD-WAN**

Flexible, Simplified, Unified Network Access from HQ to Anywhere



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**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 dependency 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-remediation 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

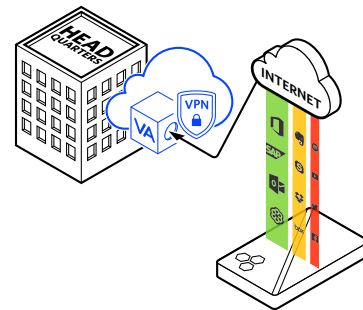
Combine Aerohive's SD-WAN and SD-LAN - manage the Wi-Fi, switching and routing through a unified policy. Keep everything secure with network-wide enforcement. Make life easier with single-pane-of-glass visibility, analytics and troubleshooting.

### 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.

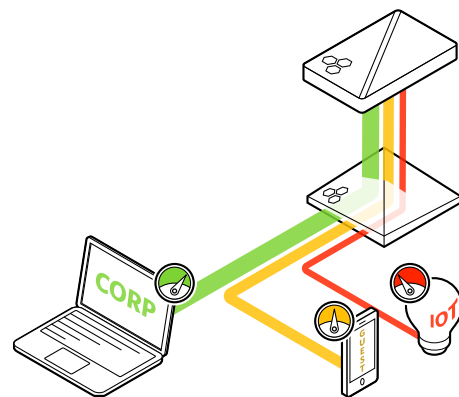
### Control application and user behaviour

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.



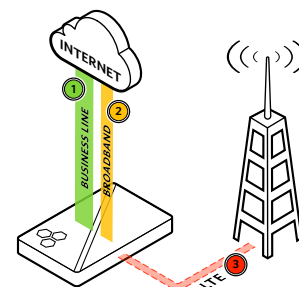
### Application Traffic Optimization

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

## 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

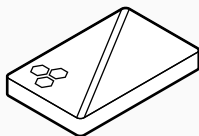
### Remote Troubleshooting

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/sd-wan](http://aerohive.com/sd-wan).

