

Aerohive Overview

Aerohive Key Differentiators

- Cooperative Control – Controller-less Wi-Fi architecture eliminates WLAN controllers and reduces costs
- Public or private cloud management – Moves Capex to Opex and lets you start small and grow your network gradually
- Zero-touch provisioning – Ship devices to each site, plug them in, and they will automatically find the cloud system for its configuration
- Application reporting & visibility – View all applications on the network and control the quality and access to them from the cloud
- Cloud-enabled mobility management – Simplifies and automates onboarding, management, and troubleshooting of connected mobile devices
- Unified wired & wireless – Deploy switches with Aerohive AP's or routers to enable unified, consistent policy enforcement to wired & wireless users

Why Aerohive vs. Other Vendors

- Fully distributed architecture with no single points of failure
- Visionary in the Gartner Magic Quadrant for Wired & Wireless LAN
- Unified policy & management for wired and wireless users
- Cloud-enabled management & provisioning ideal for distributed sites
- Rich set of enterprise-class features

Aerohive is a cloud networking company that provides comprehensive access solutions to organizations requiring wireless and mobile access to applications. Aerohive wired and wireless LAN solutions deliver secure, mobility optimized, enterprise-class access to every site—from a large campus or headquarters to remote branches and single teleworker offices – with consistent, predictable service, maximum security, and is optimized for application reliability.



Aerohive Access Points

Aerohive's WLAN access points are an innovative class of wireless infrastructure equipment powered by Cooperative Control technology to provide the benefits of a controller-based Wi-Fi solution, without requiring a controller or an overlay network. APs are organized into "hives" that share control information between them, and enable functions like fast secure L2/L3 roaming, coordinated RF management, security, QoS, and mesh networking.

Aerohive Routers

Aerohive's routers combine 802.11n performance, enterprise grade security, and wired/wireless connectivity via the cloud. Aerohive routers can be easily provisioned for maximum convenience and cost-effectiveness. Routers require no end-user intervention, but rather get configuration details that are pushed from HiveManager once the device identity is verified. The result is a unique, zero-touch branch office network that is enabled by simply plugging in the router.

Aerohive Switches

Built on the HiveOS operating system, the SR switches offer gigabit PoE switching with advanced features such as QoS. In addition, the SRs integrate secure branch routing, 3G/4G connectivity, and advanced switching to provide an all-in-one solution for branch offices. Also, cloud-based services such as on-demand provisioning, hands-free configuration and updates, and unified wired and wireless policies allow the SRs to provide enterprise-class experience for connected users.

Customers



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Cloud Services Platform

The Aerohive Cloud Services Platform is a globally distributed, cloud-based infrastructure that is home to Aerohive-developed Software-as-a-Service (SaaS) applications. The Cloud Services Platform also leverages our patent-pending Cloud Proxy feature to seamlessly integrate a set of partner cloud applications. The result is robust cloud-enabled network solutions for Aerohive customers that are provisioned through Aerohive's own HiveManager Online SaaS.

Network Management

Aerohive Networks HiveManager is a management system for Aerohive networking products. HiveManager enables simple policy creation, firmware upgrades, configuration updates, and centralized monitoring from a single console. HiveManager can be virtualized to deliver a public cloud solution, integrated into an enterprise's own virtualized data center on a platform such as VMware, or can be delivered on a hardened appliance.

Applications

Aerohive applications add features, functionality, and value to the complete Aerohive networking solution.

Mobility Suite – Features Client Management and ID Manager applications which leverage Aerohive's HiveOS platforms and extends management and control over the complete spectrum of clients, from transient guests to company-issued devices

Client Management – Greatly reduces the burden for onboarding Corporate-Issued and BYO devices by auto-provisioning clients with secure profiles, which helps transform the network into a platform for mobility

ID Manager – The first enterprise guest management system to leverage the cloud to simplify and automate the deployment and maintenance of enterprise guest management, whether required at a single site or over globally distributed sites

StudentManager – Powerful WLAN monitoring and reporting system for school districts that use Aerohive AP's for wireless access

TeacherView – A simple-to-use, web interface that provides classroom status to a teacher at login – without requiring the teacher to pre-configure any parameters