K-12 Education

Enterprise-Grade Connectivity for a Superior Learning Experience

Aerohive enables mobility in a simple, secure, and scalable manner, with a unique distributed control Wi-Fi and wired solution, combined with a cloud services platform that makes it easier to manage your network and connect staff, students, and visitors.

Top Reasons to Choose Aerohive for your Campus

Astonishingly Powerful & Simple Cloud Management Platform

Aerohive's HiveManager provides a powerful, yet easy to use network management platform for access points, switches, and branch routers, with a streamlined user experience, intuitive dashboards, and a range of troubleshooting tools that make any administrator an instant RF expert.

- **Simplified deployment** of one to thousands of devices with auto-provisioning, a guided workflow and an interactive on-screen step-by-step guided configuration assistant

- **Increased visibility** thanks to a 360° contextualized view of connected users, devices and applications, that can be viewed in real-time or historically

- **Faster troubleshooting** with a help-desk optimized interface to triage client problems and suggest immediate remedies

A Smarter Network with Intelligence Built In

Aerohive has extended its Cloud Networking leadership with native Machine Learning (ML) and Artificial Intelligence (AI) capabilities to radically simplify and secure the access network. ML and AI tools enable users to view key performance indicators of a network and if need be, to quickly identify, locate, and comparatively assess the context of an issue.

- The combination of **Machine Learning** and **Artificial Intelligence** means networks are increasingly more intelligent, even as capacity needs and density increases

- Track network health and performance with **Network 360** to view key performance indicators that can be adjusted for day, week, and month

- Collect, process, and analyze vast amounts of client experience data and distill the data to consumable and actionable insights with **Client 360**

- **Comparative Analytics** compares network performance metrics against other Aerohive customer Wi-Fi deployments so an IT administrator can recognize and address network performance issues proactively before they become noticeable for faculty, students and other staff on the network

Wi-Fi That Delivers A+ Performance

To prepare schools and districts for the mobile-first generation, Aerohive created a wireless LAN architecture specifically engineered for the capacity needs that we see today by eliminating centralized wireless LAN controllers and optimizing access points for high-density campus connectivity.

- Utilizing a **distributed control plane**, Aerohive access points actively manage available bandwidth, provide seamless roaming, distribute client load, and adapt to changing RF conditions

- With the world's first family of **802.11ax Access Points**, Aerohive's high-performance and high-efficiency solution will adapt as capacity and density needs change

- **Application Visibility and Control** (AVC) prioritizes the bandwidth of productive apps and tools, while restricting or blocking troublesome apps

- **Role-based access identifies** and prioritizes important users and devices within the network and assigns appropriate QoS policies

- **Dual 5 GHz capable access points** for spectrum and capacity optimization

Easily & Securely Onboard Devices

Whether campus-issued, staff, student or visitor owned, connecting new devices to the network can be a challenge and often a burden for already stretched IT departments. With Aerohive's centralized management platform and services, and simplified authentication methods, it is effortless to securely connect all devices.

- Aerohive's unique authentication method, **Private PSK**, provides simple and secure access for all users and devices, without requiring complex certificate installation or device configurations. Every device on the network can be identified and policed through unique credentials

- Staff can easily and securely **onboard their personal devices** onto the network without IT intervention

- **Dynamic access policies** per user based on role (Faculty vs. Student vs. Guest)

- Guests can **quickly register** for Internet access with the administrator able to set bandwidth limits, DMZ isolation, and application-based firewall rules

Superior Visibility & Control

It's vitally important to ensure that the technology-driven classroom remains focused on learning. Aerohive's context-based network access ensures that every user and device is identified and governed according to the administrator's preferences.

- **Role-based security policies**; integrated L2-7 firewall, RADIUS, VPN and GRE tunneling capabilities, and bandwidth allocations determine what a user, device or application is permitted to do once connected to the network

- **Integrated RADIUS services** and native Active Directory integration makes it easy to apply security policies based on pre-existing group membership

- Seamless integration into **User Directories** for role mapping

- 24x7 **Wireless Intrusion Prevention** (WIPS) for attack detection and automatic Rogue AP mitigation

A Platform that Scales & Supports Your Growth

With a mobile-first generation in schools throughout the world, it is imperative that the network provides resilience and can easily grow as capacity needs change. Aerohive's unique architecture ensures that the network you have today keeps running and has the flexibility to adapt to tomorrow's plans.

- **Distributed architecture** eliminates the cost and complexity of centralized controller solutions

- **No single point of failure** and inherent high availability due to distributed intelligence model

- Easy to **start small and grow** with a simple architecture and pricing model

- **Reduce costs** with centralized management and services, automated deployments, and lowered IT support and operational expenditure

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Select K-12 Schools and School Districts that have already deployed Aerohive Networks

The Baltimore County Public Schools	Broward County Public Schools	Franklin Public Schools	Galveston Independent School District	Greenville County Schools
Harrisonburg City Public Schools	Jeff Davis County Schools	Lake County Schools	Lamar County School District	McAllen Independent School District
Mountain View Whisman School District	Palm Beach County School District	Rowan-Salisbury School System	Sunnyvale School District	