



Healthcare

Secure, Reliable and Scalable Connectivity Means Doctors Can Provide Patients with Top Care at Any Time

Healthcare providers are increasing the use of mobile devices and services to improve worker flexibility and patient care, improve communication and collaboration, and track important medical equipment. Aerohive enables mobility in a simple, secure, and scalable manner, with a unique distributed control Wi-Fi & wired solution, combined with a powerful cloud services platform that makes it easier to manage your network and connect staff, patients, and visitors.

Top Reasons to Choose Aerohive for Your Healthcare Facility

A Smarter Solution Will Bring Your Network to Life

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 doctors, patients, and other staff on the network

Diagnose & Treat Network Pains with Cloud Management

Aerohive's HiveManager platform provides a powerful, yet easy to use network management of 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. Aerohive's management platform is available in the public cloud, private cloud, or on-premises, and can be managed from one central location.

- **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** with coverage heat maps, asset tracking, and 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

Wi-Fi with a 100% Survival Rate

To keep important medical users, devices, and applications connected to the network, 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 medical facility 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
- **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
- **Integrated spectrum analysis** detects and avoids potential interference

Unified Access from the Largest Medical Facility to Remote Clinics

Aerohive's unified mobility platform provides simple and secure network access for mobile-first organizations, with a unique distributed control Wi-Fi architecture, unified access layer switches, and branch router solutions, ensuring a seamless user experience in every location.

- **Distributed Wi-Fi places** the intelligence at the network edge, removing the single points of failure and data bottlenecks associated with legacy wireless LAN controllers
- **Dynamic mesh** provides a self-organizing, self-optimizing, and self-healing network that constantly adapts in changing and challenging environments
- **Optimized mobile performance** through fast secure L2/L3 roaming, fastest path data forwarding, and application based QoS enhances the connected experience
- 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
- **Unified switches** make it easy to manage your network edge from one place. Deploy your switches with a consistent network policy with the help of pre-defined templates to optimize and simplify your roll-out
- **Cloud-managed routers** with firewall and VPN services create a secure and consistent user experience across all site locations, no matter the deployment size

Secure & Compliant Connectivity

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
- Guests can **quickly register** for Internet access with the administrator able to set bandwidth limits, DMZ isolation, and application-based firewall rules
- Staff can easily and securely **onboard their personal devices** onto the network without IT intervention
- **Dynamic access policies** per user based on role (Doctor vs. Patient vs. Guest)

Superior Visibility & Control

Aerohive's context-based network access ensures that the mobile-first workplace remains productive.

- **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 Flexible Platform That Grows with Business Needs

With so many devices in healthcare environments now reliant on Wi-Fi, 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.

- **Increase flexibility** with mix and match hardware platforms, seamless upgrade paths, and a platform that can scale from a single access point to tens of thousands with the same architecture
- **No single point of failure** and inherent high availability due to distributed intelligence model
- **Reduce costs** with centralized management and services, automated deployments, and lowered IT support and operational expenditure



Select Healthcare facilities that have already deployed Aerohive Networks



Antwerp University Hospital



Brookdale Senior Living



Complete Healthcare Resources



Gulf Coast Health Care



Long Island
Veterinary Specialists



Memorial Hermann
Health Systems



Miami Jewish
Health Systems



Michigan Blood



Riverside Health System

