Manufacturing

Remote Management Capabilities and Reliable Connectivity Brings Efficiency to Manufacturing

For your factory, warehouse, and office locations, Aerohive's centrally managed, scalable, and resilient Wi-Fi solutions help increase worker flexibility and productivity, and reduce the complexity and cost of network operations. Aerohive's unique approach to enterprise Wi-Fi delivers highly mobile, adaptable, and secure connectivity for every device, while the power of cloud networking simplifies the management of thousands of access points and sites.

Top Reasons to Choose Aerohive for your Manufacturing Facilities

Centrally Deploy & Manage Thousands of Sites with our Cloud Mangement

Easy-to-use, public cloud, private cloud, or on-premises network management reduces operational complexity.

- **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

A Smarter Network Means More Reliable Support

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 employees, contractors, or guests on the network

Resilient & Adaptable Connectivity for Critical Networks at Every Location

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 Connectivity for Every User, Device, & Machine

Whether it's corporate devices, factory machines, warehouse scanners, etc., 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 or device that control network rights through VLAN assignment, DMZ tunneling, firewall policies, rate-limiting, application accessibility, and availability schedules

A Flexible Solution that Grows with Demand

With so many devices in the manufacturing environment, 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 Manufacturing facilities that have already deployed Aerohive Networks

| Columbus Vegetable Oils | Hydradyne LLC | Nabuurs | UniSea |