

# Government

**High Performance Secure Connectivity Ensure Governments Stay Focused on the Right Issues**

**From government offices and courtrooms to public libraries and county parks, there is a dramatic increase in the use of mobile devices to improve worker flexibility, provide better public services, reduce wired infrastructure, and improve communication and collaboration. 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 distributed networks.**

## **Top Reasons for Choosing Aerohive in a Government Deployment**

### **Multiple Agencies, One Cloud Management Platform**

Aerohive's HiveManager provides a powerful, yet easy to use network management platform of access points, switches, and branch routers through 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.

- **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 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 employees, contractors, or guests on the network

### **A Consistent User Experience from Headquarters to the Branch**

Aerohive's unified mobility platform provides simple and secure network access for government 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

### Easily & Securely Onboard Government Staff, Guest and BYOD

Whether government-issued, staff 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
- Government employees and contractors can easily and securely **onboard their personal devices** onto the network without IT intervention
- Guests can **quickly register** for Internet access with the administrator able to set bandwidth limits, DMZ isolation, and application-based firewall rules
- Securely enable government owned devices through **MDM** integration and policy enforcement
- Aerohive's SIP integration provides simple access for visitors, but gives staff the ability to manage bandwidth, display fine information, and set access policies

### Superior Visibility & Control

Aerohive's context-based network access ensures that the mobile-first government 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 Solution That Grows with Demand

With so many devices entering various state and local municipalities (BYOD and IoT), 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 State and Local Government organizations that have already deployed Aerohive Networks

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City of Cupertino



City of Morgan Hill

IOWA JUDICIAL BRANCH

Iowa Judicial Branch



Prince George's County Department  
of Parks and Recreation



Santa Clara County  
Library District

**STRUER  
KOMMUNE**

Struer Municipality