



## Aerohive in Five: Five Top Reasons for Choosing Aerohive Wi-Fi

- 1 DESIGNED FOR LINEAR SCALABILITY**  
Aerohive's controller-less architecture eliminates performance bottlenecks, single points of failure, and unnecessary costs, allowing 802.11n Wi-Fi to become your primary access layer. Linearly scale from the smallest to the largest deployments, just by adding APs!
- 2 DESIGNED FOR HIGH PERFORMANCE**  
Fully-distributed, best-path data forwarding eliminates controller oversubscription, applies QoS and security policy at the AP, and minimizes network congestion. Distributed AP model scales the network's processing power linearly with the network size. Dynamic Airtime Scheduling optimizes airtime utilization, reduces contention, and prevents slow clients from limiting fast clients.
- 3 DESIGNED FOR REDUCED COST**  
Controller-less architecture removes the need for controller hardware, and Aerohive does not license features. Cloud-based management moves CAPEX to OPEX, lowers initial startup costs, allows you to start small and grow as needed, and reduces hardware, sparring, and energy costs. Native mesh features reduce cabling costs, and integrated RADIUS reduces the need for a separate RADIUS deployment.
- 4 DESIGNED FOR EASE-OF-USE**  
Easy-to-use web management interface with Express mode for small/basic networks and Enterprise mode for intuitive, policy-based management that simplifies large deployments. Both modes reduce on-going operational costs and the need to employ additional IT resources. Private Pre-shared Key (PPSK) functionality offers administrators a security option as simple as PSK but as secure as 802.1X/EAP.
- 5 DESIGNED FOR HIGH RELIABILITY**  
No controller single points of failure or failover delays. Path resiliency features include redundant Ethernet, dynamic mesh forwarding, and upstream IP tracking. Branch survivability features include fully-distributed intelligence, local data forwarding, integrated RADIUS, and RADIUS Caching.

### *Why no WLAN controllers? I thought a WLAN controllers were required for a managed, coordinated Wi-Fi network?*

Controller-based WLANs were designed for an era when there was insufficient processing power in APs to distribute the intelligence, as happens in other networking infrastructure (routing and switching). Today, Moore's law has ensured our HiveAPs cost the same or less than controller-based APs and are able to handle all aspects of authentication, association, fast/secure roaming, data forwarding, power and channel management, etc, completely eliminating the requirement for controllers.

USA Main: +1 408-988-9918 | Fax:: +1 408-492-9918  
General Email: [info@aerohive.com](mailto:info@aerohive.com) | Partner Email: [sales@aerohive.com](mailto:sales@aerohive.com)

EMEA Main: +44 1428 712093 | Fax: +44 2077 856810  
General Email: [EMEAsales@aerohive.com](mailto:EMEAsales@aerohive.com) | Partner Email: [EMEApartners@aerohive.com](mailto:EMEApartners@aerohive.com)