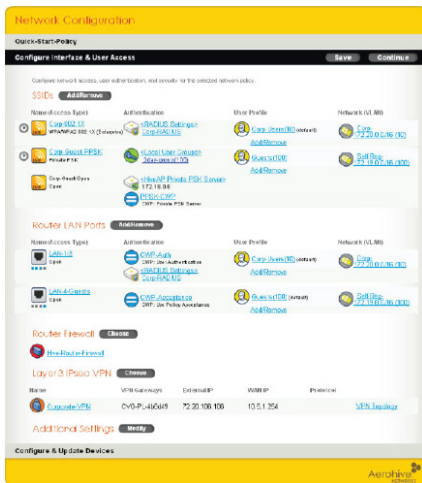


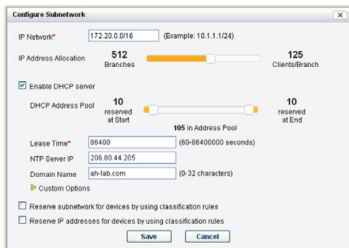
HiveManager Online 5.0

Network Management System

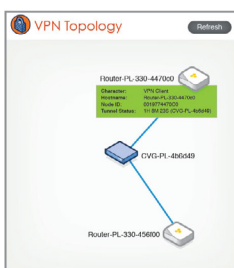
HiveManager Online 5.0 is an enterprise-class NMS for Aerohive access points and branch routers.



Guided configuration of unified wired and wireless Network Policies.



Convenient IP Address Management.



VPN Topology Map.

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Aerohive Networks HiveManager Online NMS is an enterprise-class management system for Aerohive networking products, delivered as a cloud-based service. HiveManager Online offers the same simple policy creation, firmware upgrades, and centralized monitoring options as the on-premise version of HiveManager¹, however, without the need to deploy another device in your network. HiveManager Online is hosted within secure Tier IV SAS 70 Type II data centers, with scheduled backups and disaster recovery capabilities.

HiveManager Online is designed to make it cost effective to start small and grow a network with no upfront costs beyond the Aerohive networking devices. HiveManager Online comes in two versions, Express and Enterprise. Express, designed for smaller, wi-fi-only deployments, streamlines the interface without compromising enterprise-class features. Enterprise offers the full capabilities of the HiveManager platform for larger organizations with sophisticated policy requirements. HiveManager Online allows administrators to start with Express and seamlessly migrate to Enterprise for no additional fee.

Aerohive Cooperative Control Architecture

Aerohive combines enterprise-class access points and branch routers with a suite of Cooperative Control protocols and functions to provide unified wired and wireless access that ensures consistent policy, permissions, and security based on identity and device type regardless of user location. HiveManager Online provides a centralized management instance for the entire network which enables global policy management as well as configuration and monitoring of many APs and routers. HiveManager lowers operating costs by speeding deployment, configuration, and monitoring of the network.

HiveManager Online also includes a portal called “MyHive,” which provides single sign-on access to Aerohive resources such as HiveManager Online, support forums, and a redirector server, which manages and correlates Aerohive device assignments to HiveManager Online instances. Customers access their own HiveManager Online instance, and partners can use the MyHive system to keep track of many instances for their end-customers.

Features & Benefits

Bringing up a network of Aerohive devices is as simple as plugging them in and browsing to the HiveManager Online address. The Aerohive devices are pre-provisioned to connect to HiveManager Online using the secure CAPWAP-DTLS protocol which traverses NAT and firewalls. This means that the APs and branch routers will automatically connect and register with the customer’s account in HiveManager Online enabling configuration from any browser. With HiveManager Online, it is possible to bring up a wireless LAN and L3 branch routing in just a few minutes. HiveManager Online offers other key benefits:

- Plug and play deployment—administrator plugs in APs or routers and browses to the interface
- No appliance to install, configure, upgrade or patch
- Green—no rack space, cooling or power requirements, just power the APs and routers
- Lower cost of entry—eliminate large upfront CAPEX with flexible OPEX plans
- Integrated tools like a Planner, Packet Capture and Client Tracker enable easy scoping, deployment and troubleshooting without additional expense
- Accessible via a web browser on Windows, Linux, or Mac OS X, providing a robust web application interface to manage the device from anywhere
- Spectrum analysis to detect and identify non-wi-fi sources of interference at 2.4GHz or 5GHz
- Intuitive, unified management interface for wireless, routing, VPN, IP address management, security, and local wired network

Contact us today to learn how your organization can benefit from Aerohive networking solutions.

¹HiveManager Online has all of the features of the stand-alone HiveManager except Virtual HiveManager.

Product Features

Easy Administration

- Online management platform can be configured in minutes
- Grows with your deployment; scales from one device to thousands—cost effectively
- Web-based administration with AJAX support for easy browser-based access combined with application-style interaction
- Single sign-on access via MyHive provides access to HiveManager Online, support forums, and redirector server
- Customizable dashboard and reporting interface

Simple Central Management

- Single central management instance for thousands of Aerohive devices
- Powerful policy templating feature enables updates to entire groups of devices with a few clicks
- Simple centralized firmware upgrades with distributed download functionality to decrease WAN utilization and download time
- Staged configuration and image updates to ensure devices are updated when they reconnect to HiveManager

Security and Privacy

- Customer and network data is private and secure
- No customer traffic traverses Aerohive's network

Reliability

- Multiple SAS 70 Type II, Tier-4 data centers for regional access and data privacy
- High availability redundancy and 24x7 monitoring

Zero Config Installation AP Deployment

- Just plug-in the APs—they automatically connect to the cloud for provisioning
- The staging server redirects APs to the right HiveManager Online account or a customer's on-premise HiveManager
- Automatically provision or quarantine new APs and branch routers

Granular Control

- Detailed user-based policy for QoS and security features such as VPN, firewall, and schedules
- Configuration of cloud proxy to split Internet and corporate VPN traffic, with integration to Websense SaaS
- Configuration of L2 and L3 IPSec VPNs
- Automatic and flexible IP address allocation and distribution across entire remote branch network
- TeacherView Cart Application included to monitor and redirect student wireless clients during class time

Reporting and Monitoring

- Configuration audit capabilities ensure all configurations are up to date
- Central collection and alerts of rogue and external APs and clients
- Real-time monitoring of alarms and events from the APs and branch routers
- Subscription and support license status summary

RF Visualization

- Network maps enable easy visualization of topology and status
- Real-time heat-maps show RF propagation within a network
- State-of-the-art Planning Tool with multi-floor auto-placement, coverage maps, and option to clone buildings and floors
- Built-in client and rogue location detection and placement on a floorplan
- Spectrum analysis to detect and identify sources of interference in the environment at either 2.4GHz or 5GHz

Feature Comparison

FEATURE	EXPRESS	ENTERPRISE
Wi-Fi Alliance certified "WPA2 Enterprise"	Yes	Yes
Full user policy configuration	Yes	Yes
Number of policy configurations per SSID	1	Up to 64
Multiple VLANs per SSID	Yes ²	Yes
The ability for different SSID sets to be applied to different APs	No	Yes
Full 802.1X authentication capability with fast roaming	Yes	Yes
Authentication against external user authentication database (i.e. Active Directory, LDAP, etc)	Yes	Yes
RADIUS with Active Directory, LDAP, Open Directory, eDirectory integration	Yes	Yes
TeacherView Cart	No	Yes

² Assigned via RADIUS attribute

SKU	DESCRIPTION
HiveManager Online Service	
AH-HMOL-EX-1AP-1YR	HiveManager Online Express for 1 AP for 1 year, includes software subscription and customer portal access
AH-HMOL-EX-1AP-3YR	HiveManager Online Express for 1 AP for 3 years, includes software subscription and customer portal access
AH-HMOL-EX-1AP-5YR	HiveManager Online Express for 1 AP for 5 years, includes software subscription and customer portal access
AH-HMOL-1AP-1YR	HiveManager Online Enterprise for 1 AP for 1 year, includes software subscription and customer portal access
AH-HMOL-1AP-3YR	HiveManager Online Enterprise for 1 AP for 3 years, includes software subscription and customer portal access
AH-HMOL-1AP-5YR	HiveManager Online Enterprise for 1 AP for 5 years, includes software subscription and customer portal access
AH-HMOL-1AP-UG-1YR	HiveManager Online upgrade from Express to Enterprise for 1 AP for 1 year, includes software subscription and customer portal access