

HiveManager Online NMS



Aerohive Networks HiveManager Online NMS is an enterprise-class management system for Aerohive HiveAPs, delivered as a cloud-based service. HiveManager Online offers the same simple policy creation, firmware upgrades, and centralized monitoring options as the stand-alone version of HiveManager¹, however, you don't have 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 capital costs beyond the AP. HiveManager Online comes in two versions, Express and Enterprise. Express, designed for smaller deployments, streamlines the interface without compromising on enterprise class features. Enterprise offers the full capabilities of the HiveManager platform for larger organizations with sophisticated policy sets. HiveManager Online enables administrators to start with Express and seamlessly upgrade to Enterprise with no price penalty.

The Aerohive WLAN system combines an Enterprise-class access point with a suite of cooperative control protocols and functions to provide all of the benefits of a controller-based WLAN solution, but without requiring a controller or an overlay network. A hive of HiveAPs is able to operate independently; however, to provide for global policy management and centralized configuration and monitoring of many HiveAPs, HiveManager provides a centralized management instance for the entire wireless network. HiveManager lowers operating costs by speeding deployment, configuration, and monitoring of the wireless network. Because the HiveAPs are fully functional even when disconnected from the HiveManager Online, the APs continue to operate even when the Internet connection is down.

Bringing up a network of HiveAPs is as simple as plugging them in and browsing to the HiveManager Online address. The HiveAPs are pre-provisioned to connect to HiveManager Online using the secure CAPWAP-DTLS protocol which traverses NAT and firewalls. This means that the APs will automatically connect and register with the customer's account in HiveManager Online and are ready to configure. With HiveManager Online, it is possible to bring up a wireless LAN in just a few minutes. HiveManager Online offers other key benefits:

- Plug and play deployment – the administrator just plugs in the APs 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
- Manage from anywhere
- Lower cost of entry – Move CAPEX management expenses to OPEX
- Integrated tools like a Planner, Packet Capture, Client Tracker enable easy scoping, deployment and troubleshooting without additional expense

HiveManager Online is accessible via a web browser on Windows, Linux, or Mac OS X, providing an application-like AJAX interface to access the device.

¹HiveManager Online has all of the Features of the stand-alone HiveManager with the exception of Virtual HiveManager.

EASY ADMINISTRATION

- Online management platform can be configured in minutes
- Grows with your deployment, scales from one AP to thousands cost effectively
- Web-based administration with AJAX support for easy browser-based access combined with application-style interaction
- Supports Firefox and Internet Explorer browsers

SIMPLE CENTRAL MANAGEMENT

- Single central management instance for thousands of HiveAPs
- Powerful policy templating feature enables updates to the entire groups of HiveAPs with a few clicks
- Simple centralized firmware upgrades
- Network maps enable easy visualization of topology and status

RELIABILITY

- Service is monitored 24x7 with daily offsite backups and a disaster recovery facility
- Hosted in a SAS 70 Type 2, Tier IV data center

SECURITY AND PRIVACY

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

ZERO CONFIG INSTALLATION HIVEAP DEPLOYMENT

- Automatically provisioned APs connect and register with the HiveManager – all that needs to be done is plug in and log on

GRANULAR CONTROL

- Detailed user-based policy for QoS and security
- Multiple administrative accounts with granular role-based administration

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 HiveAPs

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
Active Directory, LDAP and eDirectory integration	No	Yes

² Assigned via RADIUS attribute

SKU	Description
HiveAPs for HiveManager Online	
AH-AP-110-N-HMOL-FCC	HiveAP 110 for HiveManager Online, indoor plenum rated 1 radio 2x2 802.11a/b/g/n, 1 10/100/1000, FCC regulatory domain, without power supply
AH-AP-110-N-HMOL-W	HiveAP 110 for HiveManager Online, indoor plenum rated 1 radio 2x2 802.11a/b/g/n, 1 10/100/1000, configurable regulatory domain, without power supply
AH-AP-120-N-HMOL-FCC	HiveAP 120 for HiveManager Online, indoor plenum rated 2 radio 2x2 802.11a/b/g/n, 1 10/100/1000, FCC regulatory domain, without power supply
AH-AP-120-N-HMOL-W	HiveAP 120 for HiveManager Online, indoor plenum rated 2 radio 2x2 802.11a/b/g/n, 1 10/100/1000, configurable regulatory domain, without power supply
AH-AP-320-N-HMOL-FCC	HiveAP 320 for HiveManager Online, indoor plenum rated, 2 radio 3x3 802.11a/b/g/n, 2 10/100/1000, FCC regulatory domain, without power supply
AH-AP-320-N-HMOL-W	HiveAP 320 for HiveManager Online, indoor plenum rated, 2 radio 3x3 802.11a/b/g/n, 2 10/100/1000, configurable regulatory domain, without power supply
AH-AP-340-N-HMOL-FCC	HiveAP 340 for HiveManager Online, industrial rated, 2 radio 3x3 802.11a/b/g/n, 2 10/100/1000, FCC regulatory domain, without power supply
AH-AP-340-N-HMOL-W	HiveAP 340 for HiveManager Online, industrial rated, 2 radio 3x3 802.11a/b/g/n, 2 10/100/1000, configurable regulatory domain, without power supply
HiveManager Online Service	
AH-HMOL-EX-1AP-1YR	HiveManager Online Express for 1 AP for 1 year, includes software subscription and support portal access
AH-HMOL-EX-1AP-3YR	HiveManager Online Express for 1 AP for 3 years, includes software subscription and support portal access
AH-HMOL-1AP-1YR	HiveManager Online for 1 AP for 1 year, includes software subscription and support portal access
AH-HMOL-1AP-3YR	HiveManager Online for 1 AP for 3 years, includes software subscription and support portal access
AH-HMOL-1AP-UG-1YR	HiveManager Online upgrade from Express for 1 AP for 1 year, includes software subscription and support portal access