



MIGRATION BENEFITS

HiveManager Classic to HiveManager

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Introduction

This document provides a list of features and justifications for migrating from HiveManager Classic to HiveManager (previously 'NG').

Please note:

- Migration is completely optional
- Entitlement keys can be migrated free-of-charge (licenses and support must be valid)
- Optional migration assistance is available from Aerohive's professional services team (sold separately)
- It is recommended to talk with an Aerohive representative prior to migration to ensure devices, features and functionality used in your environment will continue to work on the new platform

This document is broken out into the following sections:

Devices | Features | General

Devices

The following devices are exclusively supported in HiveManager (not Classic):

Access Points	Switches	Routers
Atom AP30	SR2208P	XR200P*
AP630	SR2224P	XR600P*
AP650	SR2324P	
AP650X	SR2348P	
	Dell N-Series*	

* Routers and Dell N-Series switches require a HiveManager Select license, they are not supported in Connect.



Features

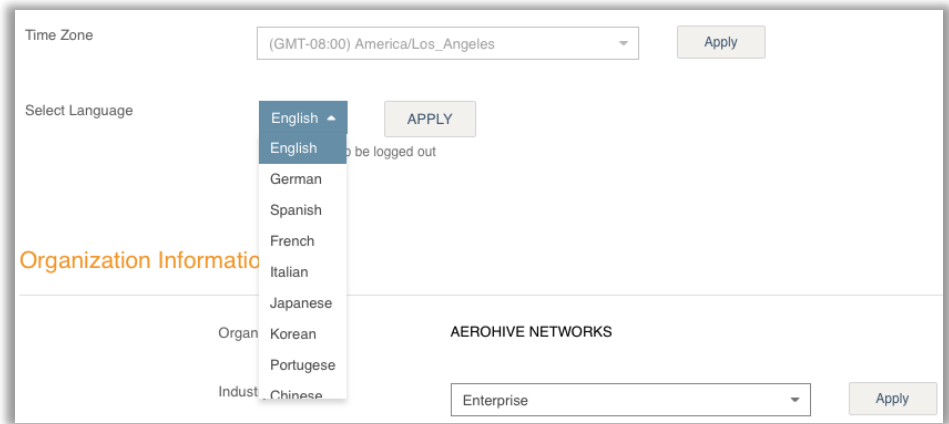
The following features are exclusively available in HiveManager:

Multi-Language Support

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

HiveManager can render all elements throughout the interface in multiple languages (configurable within HiveManager). The list of supported languages currently includes:

- English
- German
- Spanish
- French
- Italian
- Japanese
- Korean
- Portugese
- Chinese

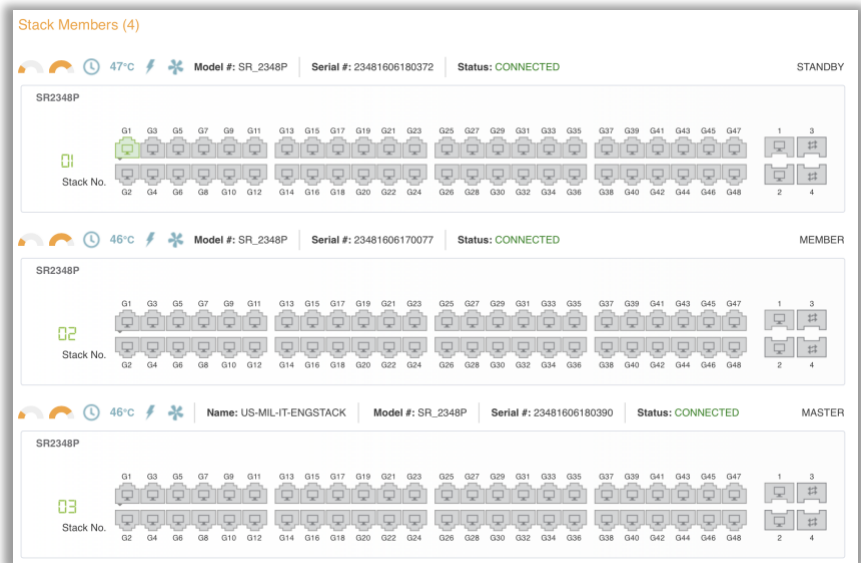


Switch Stacking

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

HiveManager features switch stacking for Aerohive SR2300 series and supported Dell N-series switches. Once a group of switches are configured as a stack, it is configurable as singular item via HiveManager.

More information [here](#).

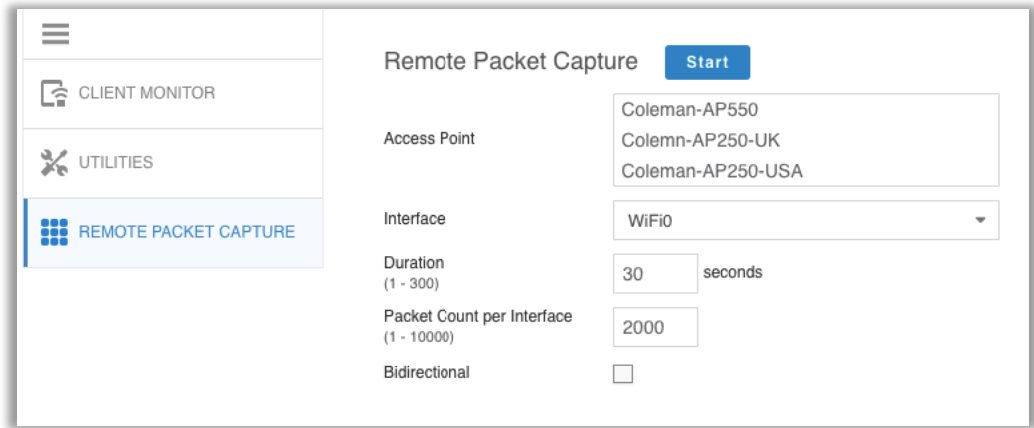


Remote Packet Capture with CloudShark

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

HiveManager supports Remote Packet Capture via Cloudshark integration. The Remote Packet Capture tool allows you to enter an API token, and then perform packet captures using a free or paid CloudShark account.

More information [here](#).



Privacy Features Including GDPR-Related Tools

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

Several privacy features are available within HiveManager, some of which assist our customers in addressing GDPR-related obligations that result from the rights to request and be forgotten. These features include:

- Search, download, and delete user data by client MAC address
- Search, download, and delete user data by user name
- Search, download, and delete admin data by admin name
- Audit logs: track and report that user or admin data was downloaded or deleted, when, and by whom

Start	End	Status	Log ID	MAC	Category	Admin User	Description
02/27/2018 12:58:34 PST	02/27/2018 12:58:35 PST	COMPLETED	438086764929	5CC5D4EDB093	DOWNLOAD_CLIENT	Deleted by 438086764934	Client data f...
02/27/2018 17:09:27 PST	02/27/2018 17:09:27 PST	COMPLETED	438086764935	5CC5D4EDB093	DOWNLOAD_CLIENT	Deleted by 438086764939	Client data f...
03/01/2018 12:13:42 PST	03/01/2018 12:13:42 PST	COMPLETED	438086764972	80BE05330A98	DOWNLOAD_CLIENT	Deleted by 438086764979	Client data f...
02/16/2018 09:00:52 PST	02/16/2018 09:00:52 PST	COMPLETED	438086764240	ERASED	DOWNLOAD_CLIENT	Deleted by 438086764934	Download C...
02/24/2018 23:09:12 PST	02/24/2018 23:09:12 PST	COMPLETED	438086764915	ERASED	DOWNLOAD_CLIENT	Deleted by 438086764934	Download C...
02/16/2018 10:09:21 PST	02/16/2018 10:09:21 PST	COMPLETED	438086764836	ERASED	DOWNLOAD_CLIENT	Deleted by 438086764934	Download C...

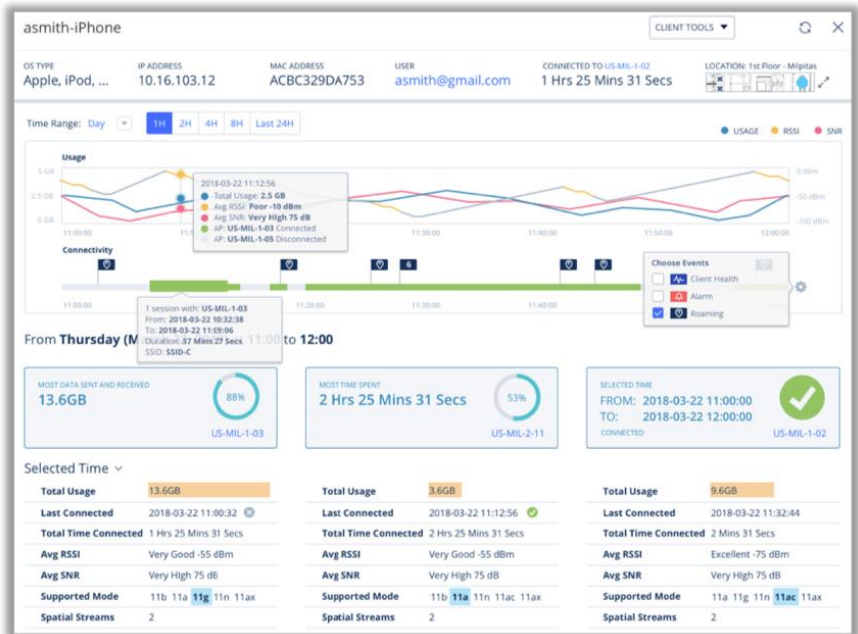
More information [here](#).

Client 360

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

Client 360 is Aerohive’s new monitoring tool that is enhanced by machine learning. It intelligently collates a wealth of data pertaining to client operation, connectivity health, faults, and performance, and presents them in a simple and informative way. In turn, this information can be used to quickly identify problems, resolve network errors, and optimize performance.

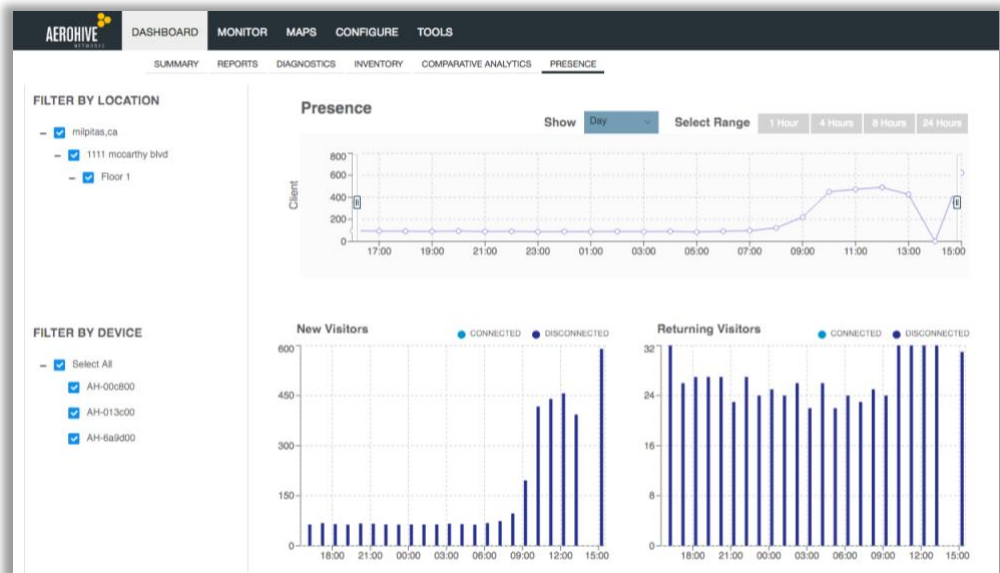
More information [here](#).



Built-in Presence Analytics

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

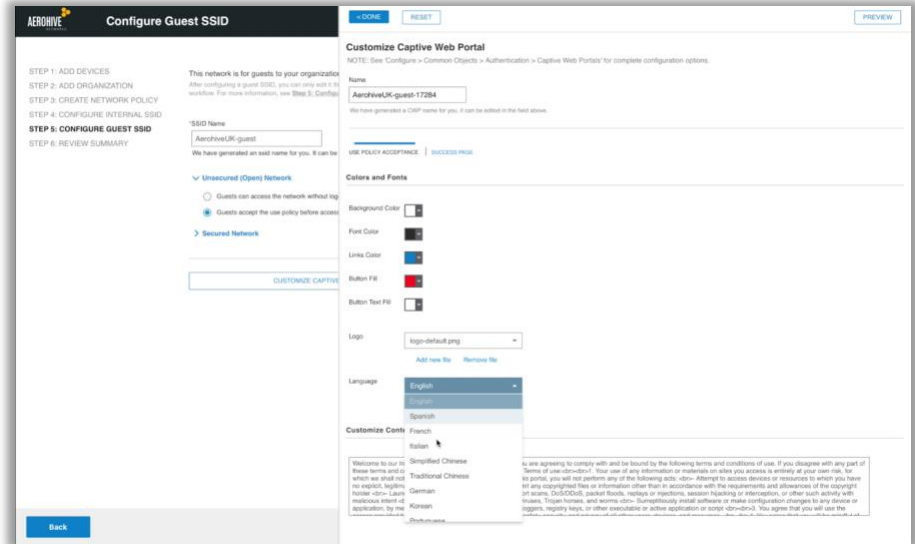
HiveManager features built-in presence analytics that enable the administrator to see information pertaining to new and returning visitors, including associated and unassociated devices. This information helps to understand customer engagement and loyalty.



Improved Workflows

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

The overall interface of HiveManager has been much improved with intuitive workflows to make day-to-day tasks easier and more efficient. These include the 6-step onboarding wizard, guided workflows, shortcut configurations and much more.

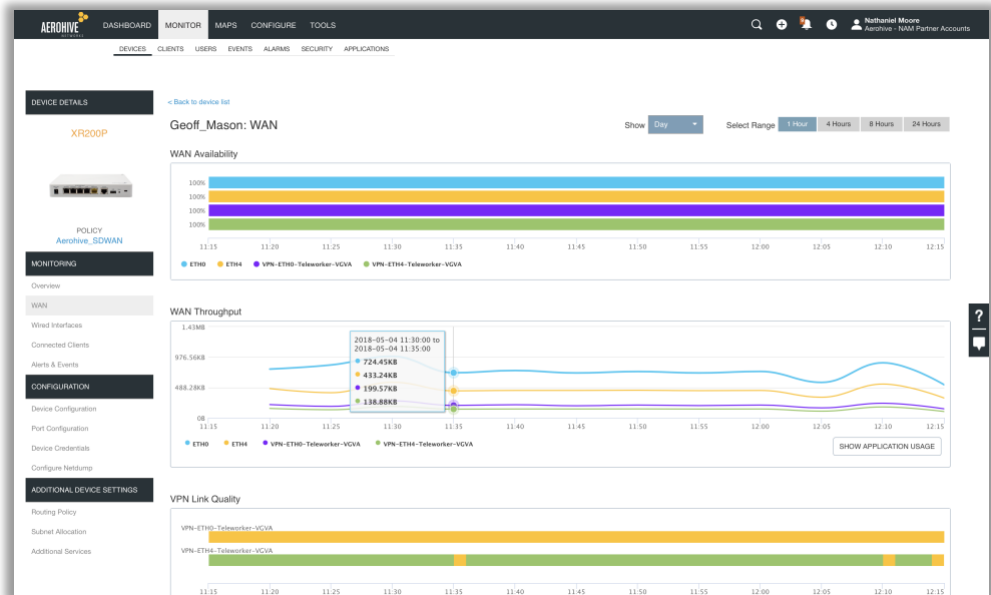


SD-WAN

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

Software-Defined Wide Area Networking (SD-WAN) is an innovative new approach to the deployment, management and operation of WANs. HiveManager includes a full suite of SD-WAN features, building upon the success of Aerohive's Branch Routing solution previously available in HiveManager Classic.

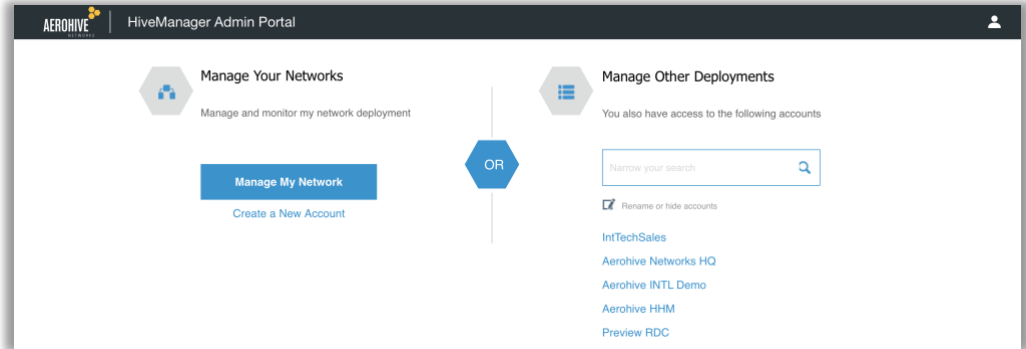
More information [here](#).



VHM Switching and External Access Capability

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

A HiveManager administrator can grant access to an external admin using the built-in RBAC (Role-Based Access Control) capabilities. Once another user is granted access, the account will appear under their HiveManager Admin Portal.



More information [here](#).

Advanced Spectrum Intelligence

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

HiveManager includes advanced spectrum intelligence, an improvement on the spectrum analysis feature in HiveManager Classic. The primary advantages include the ability to easily identify networks/SSIDs as an overlay on the spectrum analysis FFT (Fast Fourier Transform) graph, updated spectrum visualizations and additional signature support.

More information [here](#).

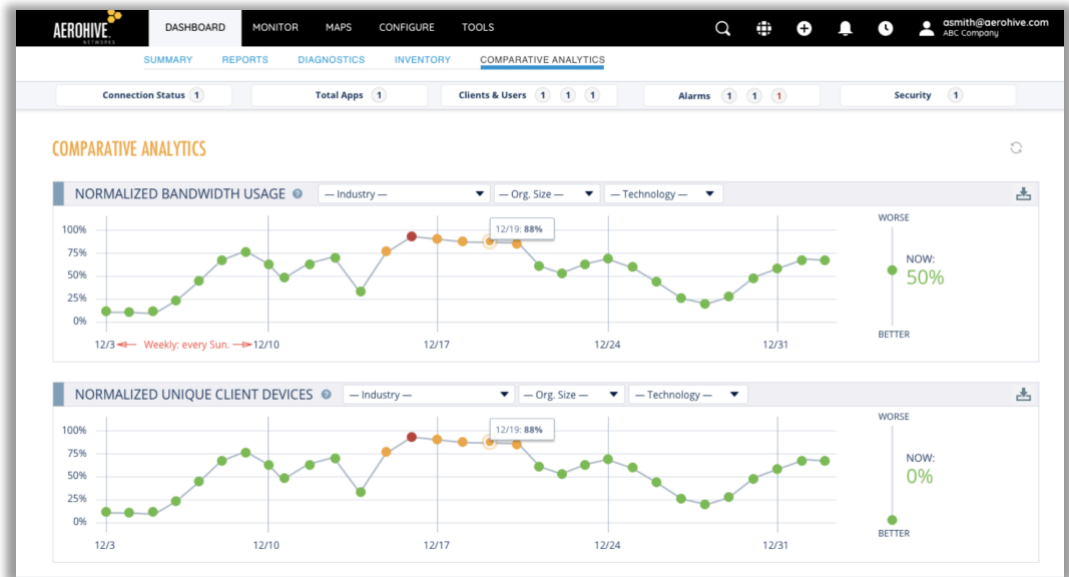


Comparative Analytics

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✗

Comparative analytics enables the network administrator to anonymously compare the operational and performance metrics of their network against the networks of other HiveManager Cloud customers in defined industries.

More information [here](#).



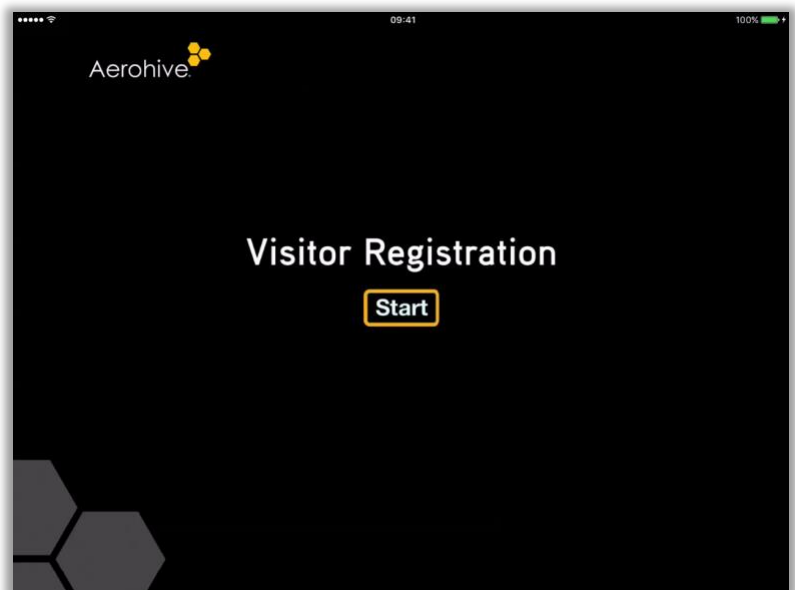
Guest Management 2.0 with PPSK

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓*

HiveManager Classic offered a number of advanced guest management features utilizing PPSK in the form of ID Manager. HiveManager now integrates many of these features, including an iOS Kiosk app for self-registration, completely free-of-charge.

*Kiosk app is not supported with the VA.

More information [here](#).

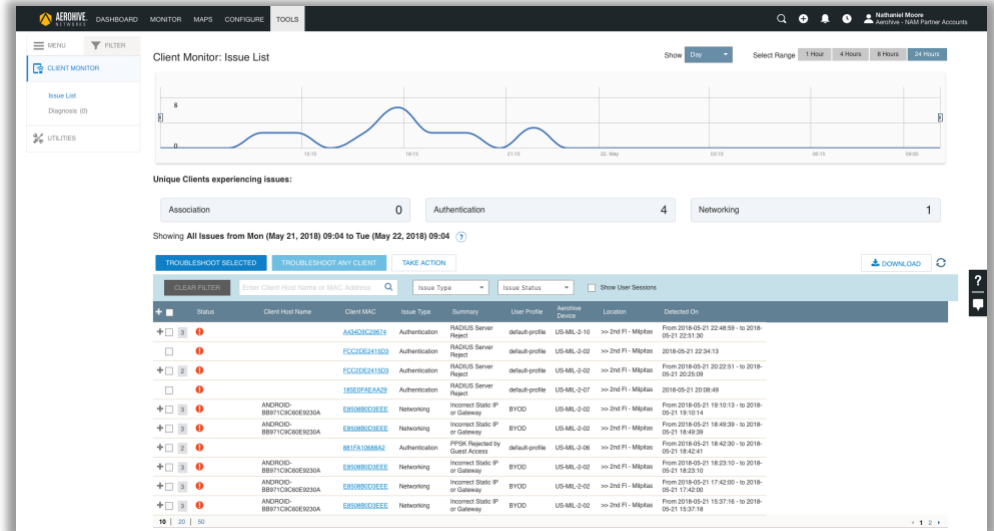


Client Monitor 2.0

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

Client Monitor 2.0 brings automatic troubleshooting and diagnosis to aid administrators in detecting and resolving network issues as quickly as possible. Client Monitor 2.0 automatically monitors the network in the background and reports back any issues that are detected including failed authentication attempts and IP address misconfigurations.

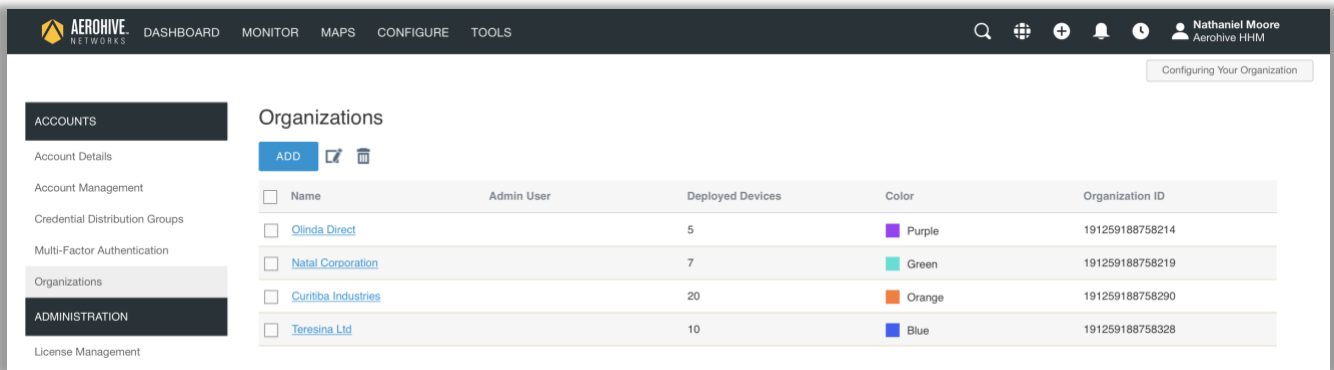
More information [here](#).



Hierarchal HiveManager (HHM)

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

HHM enables an umbrella corporation or service provider to easily manage multiple organizations and HiveManagers via a unified umbrella account with hierarchical capabilities, including per-organization views and filters. HHM can be enabled within any HiveManager Select account is completely free to use.



More information [here](#).

30-Day Retention

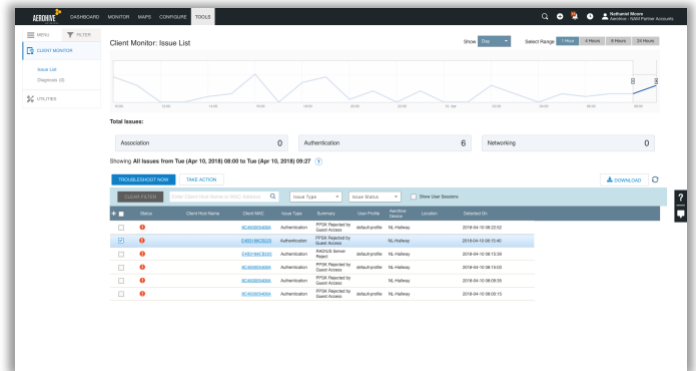
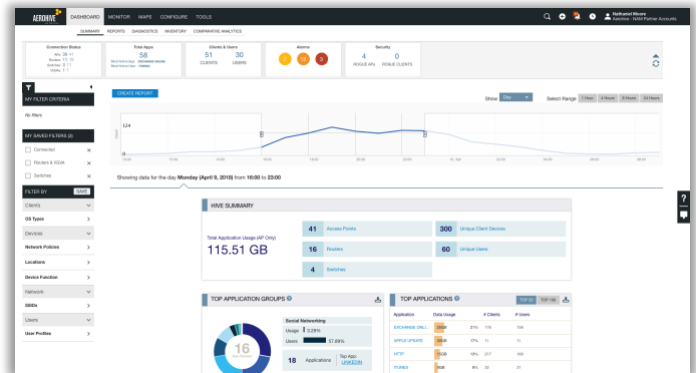
HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓*	Virtual Appliance (Select)	✓

HiveManager retains up to 30-day's worth of data for numerous elements throughout the interface including:

- Dashboard
 - Hive Summary - Overall
 - Top Application Groups
 - Top Applications
 - Top Usage (Clients & Users)
 - Wi-Fi Clients by OS
 - Top Wired Clients
 - Top Access Points (Clients & Usage)
 - Maximum Number of Simultaneous Connections
 - Hive Summary - WAN
 - WAN Throughput
 - WAN Availability
 - Diagnostics
 - Top Access Points by Channel Utilization
 - Top Access Points by CPU Usage %
 - Top Access Points by Retries
 - Comparative Analytics
 - Normalized Bandwidth Usage
 - Normalized Number of Unique Client Devices
 - Average Number of Clients with Poor Health
- Monitor
 - Clients
 - Users
 - Security
 - Rouge APs
 - Rouge Clients
- Tools
 - Client Monitor

Other elements retain data in excess of 30 days including:
Audit Logs
GDPR Audit Logs

* Not all elements listed here are available in Connect.



PCI 3.2 Compliance Reporting

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

Any corporation that facilitates financial transactions across their network must ensure (by law) that their network is PCI compliant. HiveManager features a PCI 3.2 Compliance Report (the latest standard) in which the network configuration is analyzed for compliance. If any violations are reported, remediation steps are provided.

More information [here](#).

Private Client Groups (PCG)

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓

Aerohive Private Client Groups (PCG) is the industry’s first Room Area Network (RAN) solution, with the capability to manage and control network services based on micro-location. PCG is perfect for Multi-Dwelling Unit (MDU) environments such as hotels, care facilities and student accommodation.

More information [here](#).

General

New Cloud Architecture

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

Aerohive has designed a geographically distributed, next-generation cloud architecture with industry-leading scalability, flexibility and performance.

Aerohive's new RDC (Regional Data Centre) solution delivers state-of-the-art cloud data centres in-region. These RDCs (among other advancements) aid Aerohive and our customers in adhering to local regulatory compliance while simultaneously reducing CAPWAP and management latency.

Aerohive's 'Private Cloud' enables a service provider, such as an MSP (Managed Service Provider) to operate and maintain their own, local RDC.

Among the many other advancements in cloud technology, HiveManager uses the latest in Elasticsearch architecture which improves scalability, performance and responsiveness.

More information [here](#).

Frequent Updates

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✓	Virtual Appliance (Select)	✓

HiveManager Cloud receives frequent updates, far exceeding the upgrade cadence of HiveManager Classic. Everything from new features, bug fixes and performance enhancements are automatically deployed on a regular basis. For HiveManager Virtual Appliance customers, these updates are rolled-up into release packages and can be applied seamlessly within the HiveManager Virtual Appliance Management Console.

More information [here](#).

API Suite

HiveManager Availability					
Cloud (Select)	✓	Cloud (Connect)	✗	Virtual Appliance (Select)	✓*

HiveManager supports a full stack of REST APIs which are configurable within the HiveManager interface. Aerohive also has an open-upon-registration developer portal housing API-related documentation, walkthroughs, tips & tricks and much more. Full API access including location and presence is included with Select, no additional license is required.

* Supported APIs vary between cloud and VA platforms.

More information [here](#).

For more information on HiveManager, please visit aerohive.com/products/unified-management.