

Client Management

Cloud-Enabled Device Onboarding and Management

AEROHIVE NETWORKS CLIENT MANAGEMENT delivers a cloud-enabled, comprehensive solution to address the iEverything explosion by combining device configuration, management, and monitoring with policy-based network access and an employee self-service portal into a single product for companies desiring to support BYOD in conjunction with CID (company-issued devices). Client Management allows an administrator to clearly differentiate between issued devices and BYOD, giving them the additional layer of context necessary to create granular policies and controls for a mobile first enterprise. Client Management greatly reduces the burden for onboarding Corporate-Issued and BYO devices by auto-provisioning clients with secure profiles and apps, which helps transform the network into a platform for mobility.



Client Management is a cloud-enabled comprehensive solution for device onboarding and management

Key Features & Benefits

Client Auto-Provisioning

Client Management can automatically create and install a unique client certificate or Private Pre-Shared Key as well as install a secure profile on iOS, OS X, Android, and Chrome. This greatly reduces the burden for onboarding Corporate-Issued and BYO devices by assuring every device connected to the network is redirected to the customized enrollment page and is automatically provisioned with configuration and security policies. The enrollment portal supports localization in ten languages, which can be displayed based on detected browser language, further reducing Helpdesk costs by communicating terms of use and policies directly.

Content Distribution and Management

Client Management aids administrators in distributing and managing applications and content on iOS, OS X, and Android devices. Client Management is integrated with Apple's Volume Purchase Plan (VPP) and the Google Play Store to allow the purchase of apps and books in volume. Content purchased can then be associated with Client Management using redemption codes and distributed to enrolled devices, allowing an administrator to manage thousands of devices and applications from a single dashboard.

Powerful Context-Based Mobile Device Management

Client Management supports device configuration and restrictions that are tightly coupled with network level permissions. Administrators can assign device profiles that configure parameters such as passcode requirements, content rating restrictions, VPN/Email accounts, etc, which are tightly coupled to HiveOS User Profiles and can dynamically change based on User Profile assignment, making device and network permissions variable based on context.

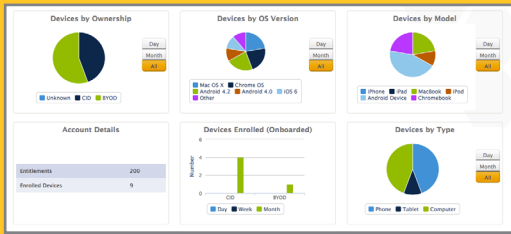
Integrated Certificate Administration

Client Management automates the entire certificate generation, distribution, validation, and revocation process to publish unique credentials to each device. This means the IT administrator doesn't have to worry about implementing a PKI infrastructure, and can instead focus on advancing their BYOD and CID initiatives.

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Aerohive Client Management



Dashboard

Status	Managed	Name	Platform	OS Version	Ownership	MAC Address	Device Type
<input type="checkbox"/>	<input type="checkbox"/>	Aerohive's iPhone	iOS	7.0.4	CID	F0-DC-E2-AA-55-...	iPhone
<input type="checkbox"/>	<input type="checkbox"/>	CT-N7000	Android	4.1.2	Personal	50-CC-F8-A7-84-...	Android Device
<input type="checkbox"/>	<input type="checkbox"/>	H2969 test load	iOS	6.1	CID > Personal	84-29-99-57-DC-...	iPad
<input type="checkbox"/>	<input type="checkbox"/>	iPad	iOS	7.0.2	CID	10-1C-0C-9F-04-55	iPad
<input type="checkbox"/>	<input type="checkbox"/>	Nexus 7	Android	4.5	Personal	AC-77-08-46-14-C3	Android Device
<input type="checkbox"/>	<input type="checkbox"/>	iPad touch	iOS	8.0	Personal	70-50-81-03-18-...	iPad
<input type="checkbox"/>	<input type="checkbox"/>	Wanwan's MacBook Pro	Mac OS X	10.8.5	Personal	20-C3-D0-CD-FB-...	MacBook Pro
<input type="checkbox"/>	<input type="checkbox"/>	CT-8505	Android	4.2.2	Personal	CC-3A-61-65-A5-...	Android Device
<input type="checkbox"/>	<input type="checkbox"/>	CT-P5100	Android	4.2.2	Personal	50-A4-CE-83-CC-...	Android Device
<input type="checkbox"/>	<input type="checkbox"/>	"MDM"? MacBook Pro	Mac OS X	10.7.5	CID	60-C1-47-88-5D-...	MacBook Pro
<input type="checkbox"/>	<input type="checkbox"/>	yexuan's Parrot	Chrome OS	31.0.165...	CID	20-68-90-87-89-07	Chromebook
<input type="checkbox"/>	<input type="checkbox"/>	CT-P3100	Android	4.0.4	CID	08-31-CF-F0-21-80	Android Device
<input type="checkbox"/>	<input type="checkbox"/>	yexuan's Snow	Chrome OS	31.0.165...	CID > Personal	60-21-C0-E7-9F-40	Chromebook

Inventory Management

The New Client Profile configuration page includes the following sections:

- General Settings:** Fields for Name (Employee-CID), User Profile Attribute Number, Organization (Aerohive), Security (User cannot remove profile), and Description.
- PROFILE LIFETIME ON CLIENT DEVICES:** Options to delete the profile from the client device (Do not delete or Automatically delete the profile) and the time interval (30 to 300 minutes/5 hours).

Client Profile Configuration

The Client Self-Service Kiosk interface displays the following information:

- My Information:** User Name: Jack
- Device Ownership:** A section explaining device ownership and providing options for Company-Issued Devices and Personal Devices.
- Enroll My Device:** A button to initiate the device enrollment process.

Client Self-Service Kiosk

Advanced Features

Management and Monitoring

- Centralized administration in MyHive
- Device type and specification reporting
- Client SSID scan reporting
- Compliance monitoring
- Device location monitoring
- Battery, memory, processing, and offline usage monitoring
- MAC address import for automatic device classification and access control

Platform Support

- Apple iOS 6 and later
- Apple Mac OS X 10.7 and later
- Android version 4.0 and later
- Google Chrome OS version 27 and later

Security

- Supports Apple Device Enrollment Program (DEP)
- Password-protected MDM enrollment profile
- Optional automatic profile removal after departure from network
- Unenrollment monitoring and notification
- Device location monitoring
- Forced passcode policy with failed entry device wipe
- All supported Apple API restrictions including iCloud, in-app purchases, camera, and untrusted TLS certificates
- Forced storage encryption for Android devices

Network Configuration

- Wi-Fi settings configuration including WPA2-Enterprise (802.1X) EAP-TLS and WPA2-Personal Aerohive Private Pre-Shared Key
- VPN configuration and authentication settings
- LDAP, WebClips, CalDAV, CardDAV, and Email settings (iOS and OS X)
- Enforced profile enrollment and re-enrollment
- HTTP Proxy configuration

Customizable Enrollment Portal Options

- Completely customizable background graphics, logos, and text
- Terms of Use Policy
- Horizontal and Vertical orientation options
- Auto-resizing to support multiple form factors including phones and tablets
- Localized content in 10 languages, including Danish, Dutch, English, French, German, Italian, Norwegian, Portuguese, Spanish, and Swedish

Application Distribution

- Integrated with Apple VPP for enrolled devices with iOS 7 and OS X 10.9 or later
- VPP token file support for paid apps
- Android app distribution for version 4.0 and later
- eBook and free application distribution support
- Icon and Title customization for VPP web clip invitation

Device Restrictions

- Restricted camera usage
- Forced passcode policy with failed entry device wipe
- Restricted content access (YouTube, explicit music, movies, tv shows, and apps)
- Supervised model options, including access to game center, book store, account modification, AirDrop, Find My Friends, and user-generated content
- Lock screen option restrictions, including Control Center, Notification Center, and disable Wi-Fi buttons
- Supports single app mode