

## DATA SHEET

# CLEARPASS ONBOARD

A ClearPass Policy Manager Application

## Automated mobile device provisioning and configuration for secure BYOD

ClearPass Onboard automatically configures and provisions mobile devices – Windows desktop, Mac OS X, iOS, Ubuntu, Chromebook and Android 2.2 and above – enabling them to securely connect to enterprise networks in support of BYOD initiatives.

IT can automatically give employees, contractors and partners permission to self-configure their personal devices. The ClearPass Onboard portal dynamically detects a device's operating system and guides the user through the appropriate steps.

This provides an incredibly simple way to configure wireless, wired and VPN settings, apply unique per device certificates and profiles, and ensure that users can securely connect their devices to 802.1X-enabled networks with minimal IT interaction.

ClearPass Onboard also increases the amount of usable context for troubleshooting, user- and device-based policies, and compliance reporting per each device.

The result is a streamlined workflow that allows IT helpdesk personnel to efficiently automate multiple processes that are required to successfully carry out BYOD initiatives while offloading IT and improving the user experience.

## THE CLEARPASS ADVANTAGE

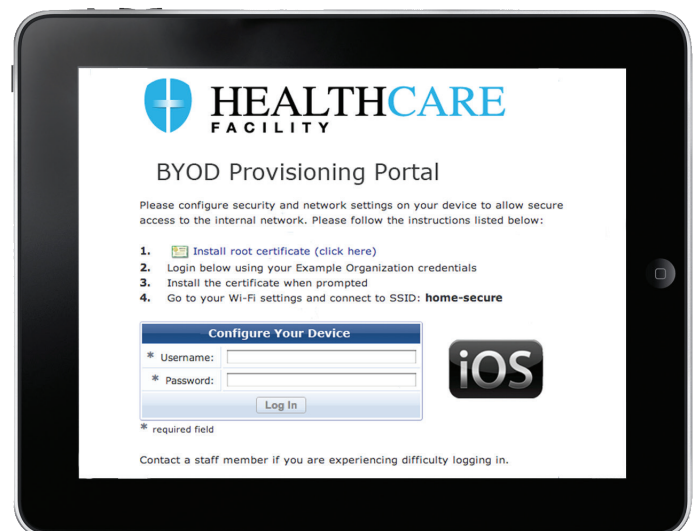
With the industry's most advanced auto-provisioning features, onboarding thousands of devices is amazingly simple via integrated policy management, customizable user-facing portal, and built-in CA.

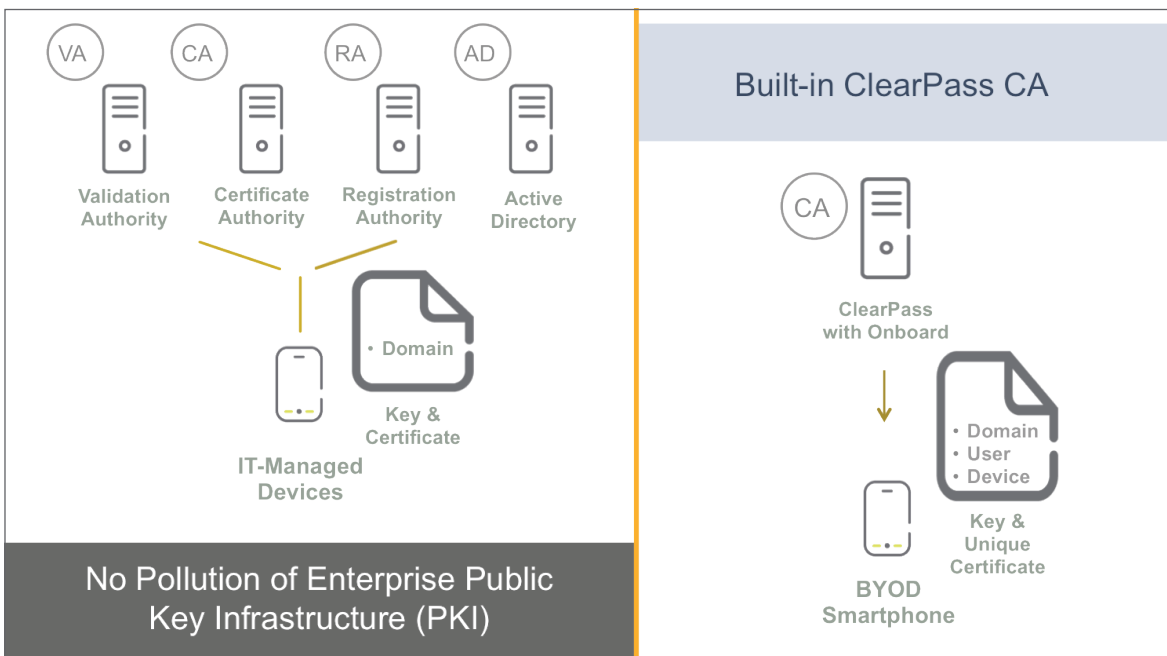
### Automated policy management

With ClearPass, IT can use context collected during onboarding to enforce device type and ownership-based network access policies. Centrally-defined policies also limit the types of devices that can be onboarded and define which user groups can onboard devices.

## KEY FEATURES

- Enables users to self-register and securely onboard multiple devices
- Supports Windows, Mac OS X, iOS, Android, Chromebook and Ubuntu operating systems
- Sponsor-based onboarding allows for custom workflows
- Active Directory and social login credential authentication supported
- Automates the configuration of network settings for wired and wireless endpoints
- Unique provisioning and revocation of device-specific credentials and certificates
- Contains built-in certificate authority specifically for BYOD
- Uses profiling to identify device type, manufacturer and model
- Provides BYOD visibility and centralized policy management capabilities





Built-in certificate authority simplifies administration for BYO devices

### Flexible workflow options

The onboard configuration process can be managed via IT-enabled and sponsor required workflows. User authentication can prompt for active directory or social login credentials.

### Customized device provisioning

A centrally managed administrator portal allows IT to configure device certificates and trust details, network access, VPN, and health check settings, and authentication protocols for wireless and wired networks.

The IT staff can also define the number of devices that can be onboarded per user and how long their certificates are valid.

## ADVANCED ONBOARDING CAPABILITIES

### Built-in certificate authority for BYOD

The distribution of published device credentials through ClearPass Onboard's built-in certificate authority (CA) safeguards organizations that want to adopt BYOD initiative's without requiring the implementation of an external certificate authority. ClearPass Onboard issued certificates are unique as they also include specific user and device context.

Certificate Information	
<b>Certificate Details</b> Details about the certificate and its owner.	
Issued To:	
Valid From:	Wednesday, 11 March 2015, 10:45 AM
Valid To:	Thursday, 10 March 2016, 10:15 AM
Subject:	Country US State California Locality Sunnyvale Organization Aruba Networks Common Name mdpsMacAddress 1499E2B9A0D9
<b>Issuer Details</b> Details about the certificate authority that issued the certificate.	
Issued By:	ClearPass SCEP Local Certificate Authority
Issuer:	Country US State California Locality Sunnyvale Organization Aruba Networks Common Name ClearPass SCEP Local Certificate Authority Email Address dl-seel@arubanetworks.com
<b>Advanced</b> Technical information about the certificate.	
Fingerprint:	fd81 9a60 66fe a809 37fe 6c72 b996 bd89 8ec6 f1b8 This is the SHA-1 "fingerprint" or "thumbprint" of the certificate.
Details:	Show

Details of unique credentials for onboarded BYOD endpoints.

The Onboard CA provides the option to utilize certificate management without the need to make changes to an internal public key infrastructure (PKI) or active directory (AD).

ClearPass also supports the distribution of Onboard generated certificates requested by third-party applications – mobile device management (MDM) or enterprise mobility management (EMM) – through SCEP and EST (RFC 7030) protocols.

### Revocation of unique certificates

Easy-to-use search and menu-driven capabilities ensure the rapid revocation and deletion of certificates for specific mobile devices if a user leaves a organization or the mobile device is lost or stolen.

Online Certificate Status Protocol (OCSP) supported.

### ORDERING GUIDANCE

ClearPass Onboard can be ordered via perpetual license or subscription that includes ArubaCare for the length of the subscription. Available Enterprise options provide the ability for organizations to flexibly use the licenses for ClearPass Onboard, Guest or OnGuard.

Ordering ClearPass Onboard involves the following three steps:

1. Determine the number of unique endpoints that users will provision within your environment.
2. Select the total number of Onboard licenses. Anything over the capacity of a base appliance will require the purchase of a second Policy Manager appliance.
3. Choose the appropriate ClearPass Policy Manager hardware or virtual appliances to accommodate the total number from above.

Example – To support the provisioning of 2000 total devices, ensure that the Policy Manager platform is sized to accommodate the 2000 devices and any other endpoints that will authenticate via 802.1X, MAC auth, etc.

Purchase the following:

- ClearPass Hardware Appliance – CP-HA-5K
- ClearPass Onboard – 2 X LIC-CP-OB-1K

Additional Onboard capacity can be purchased at any time to meet growth demands.

### ORDERING INFORMATION\*

Part Number	Description
JW577AAE	Aruba ClearPass Onboard 100 Device License E-LTU
JW578AAE	Aruba ClearPass Onboard 500 Device License E-LTU
JW579AAE	Aruba ClearPass Onboard 1K Device License E-LTU
JW580AAE	Aruba ClearPass Onboard 2500 Device License E-LTU
JW581AAE	Aruba ClearPass Onboard 5K Device License E-LTU
JW582AAE	Aruba ClearPass Onboard 10K Device License E-LTU
JW583AAE	Aruba ClearPass Onboard 25K Device License E-LTU
JW584AAE	Aruba ClearPass Onboard 50K Device License E-LTU
JW585AAE	Aruba ClearPass Onboard 100K Device License E-LTU
Enterprise Perpetual Part Number	
JW595AAE	Aruba ClearPass Enterprise 100 Endpoint License E-LTU
JW603AAE	Aruba ClearPass Enterprise 100K Endpoint License E-LTU
JW600AAE	Aruba ClearPass Enterprise 10K Endpoint License E-LTU
JW597AAE	Aruba ClearPass Enterprise 1K Endpoint License E-LTU
JW598AAE	Aruba ClearPass Enterprise 2500 Endpoint License E-LTU
JW601AAE	Aruba ClearPass Enterprise 25K Endpoint License E-LTU
JW596AAE	Aruba ClearPass Enterprise 500 Endpoint License E-LTU
JW602AAE	Aruba ClearPass Enterprise 50K Endpoint License E-LTU
JW599AAE	Aruba ClearPass Enterprise 5K Endpoint License E-LTU

\* Subscription and enterprise licenses can be purchased in 1-, 3- or 5-year increments for 100, 500, 1,000, 2,500, 5,000, 10,000, 25,000, 50,000, and 100,000 endpoints

\*\* Extended with support contract

ORDERING INFORMATION*	
Part Number	Description
<b>Onboard Subscription Part Numbers</b>	
JW365AAE	Aruba ClearPass Onboard 100 Device Licenses 1-Year Subscription E-STU
JW373AAE	Aruba ClearPass Onboard 100K Device Licenses 1-Year Subscription E-STU
JW370AAE	Aruba ClearPass Onboard 10K Device Licenses 1-Year Subscription E-STU
JW367AAE	Aruba ClearPass Onboard 1K Device Licenses 1-Year Subscription E-STU
JW368AAE	Aruba ClearPass Onboard 2500 Device Licenses 1-Year Subscription E-STU
JW371AAE	Aruba ClearPass Onboard 25K Device Licenses 1-Year Subscription E-STU
JW366AAE	Aruba ClearPass Onboard 500 Device Licenses 1-Year Subscription E-STU
JW372AAE	Aruba ClearPass Onboard 50K Device Licenses 1-Year Subscription E-STU
JW369AAE	Aruba ClearPass Onboard 5K Device Licenses 1-Year Subscription E-STU
JW374AAE	Aruba ClearPass Onboard 100 Device Licenses 3-Year Subscription E-STU
JW382AAE	Aruba ClearPass Onboard 100K Device Licenses 3-Year Subscription E-STU
JW379AAE	Aruba ClearPass Onboard 10K Device Licenses 3-Year Subscription E-STU
JW376AAE	Aruba ClearPass Onboard 1K Device Licenses 3-Year Subscription E-STU
JW377AAE	Aruba ClearPass Onboard 2500 Device Licenses 3-Year Subscription E-STU
JW380AAE	Aruba ClearPass Onboard 25K Device Licenses 3-Year Subscription E-STU
JW375AAE	Aruba ClearPass Onboard 500 Device Licenses 3-Year Subscription E-STU
JW381AAE	Aruba ClearPass Onboard 50K Device Licenses 3-Year Subscription E-STU
JW378AAE	Aruba ClearPass Onboard 5K Device Licenses 3-Year Subscription E-STU
JW383AAE	Aruba ClearPass Onboard 100 Device Licenses 5-Year Subscription E-STU
JW391AAE	Aruba ClearPass Onboard 100K Device Licenses 5-Year Subscription E-STU
JW388AAE	Aruba ClearPass Onboard 10K Device Licenses 5-Year Subscription E-STU
JW385AAE	Aruba ClearPass Onboard 1K Device Licenses 5-Year Subscription E-STU
JW386AAE	Aruba ClearPass Onboard 2500 Device Licenses 5-Year Subscription E-STU
JW389AAE	Aruba ClearPass Onboard 25K Device Licenses 5-Year Subscription E-STU
JW384AAE	Aruba ClearPass Onboard 500 Device Licenses 5-Year Subscription E-STU
JW390AAE	Aruba ClearPass Onboard 50K Device Licenses 5-Year Subscription E-STU
JW387AAE	Aruba ClearPass Onboard 5K Device Licenses 5-Year Subscription E-STU

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ORDERING INFORMATION*	
Part Number	Description
<b>Enterprise Subscription Part Numbers</b>	
JW338AAE	Aruba ClearPass Enterprise 100 Endpoint Licenses 1-Year Subscription E-STU
JW346AAE	Aruba ClearPass Enterprise 100K Endpoint Licenses 1-Year Subscription E-STU
JW343AAE	Aruba ClearPass Enterprise 10K Endpoint Licenses 1-Year Subscription E-STU
JW340AAE	Aruba ClearPass Enterprise 1K Endpoint Licenses 1-Year Subscription E-STU
JW341AAE	Aruba ClearPass Enterprise 2500 Endpoint Licenses 1-Year Subscription E-STU
JW344AAE	Aruba ClearPass Enterprise 25K Endpoint Licenses 1-Year Subscription E-STU
JW339AAE	Aruba ClearPass Enterprise 500 Endpoint Licenses 1-Year Subscription E-STU
JW345AAE	Aruba ClearPass Enterprise 50K Endpoint Licenses 1-Year Subscription E-STU
JW342AAE	Aruba ClearPass Enterprise 5K Endpoint Licenses 1-Year Subscription E-STU
JW347AAE	Aruba ClearPass Enterprise 100 Endpoint Licenses 3-Year Subscription E-STU
JW355AAE	Aruba ClearPass Enterprise 100K Endpoint Licenses 3-Year Subscription E-STU
JW352AAE	Aruba ClearPass Enterprise 10K Endpoint Licenses 3-Year Subscription E-STU
JW349AAE	Aruba ClearPass Enterprise 1K Endpoint Licenses 3-Year Subscription E-STU
JW350AAE	Aruba ClearPass Enterprise 2500 Endpoint Licenses 3-Year Subscription E-STU
JW353AAE	Aruba ClearPass Enterprise 25K Endpoint Licenses 3-Year Subscription E-STU
JW348AAE	Aruba ClearPass Enterprise 500 Endpoint Licenses 3-Year Subscription E-STU
JW354AAE	Aruba ClearPass Enterprise 50K Endpoint Licenses 3-Year Subscription E-STU
JW351AAE	Aruba ClearPass Enterprise 5K Endpoint Licenses 3-Year Subscription E-STU
JW356AAE	Aruba ClearPass Enterprise 100 Endpoint Licenses 5-Year Subscription E-STU
JW364AAE	Aruba ClearPass Enterprise 100K Endpoint Licenses 5-Year Subscription E-STU
JW361AAE	Aruba ClearPass Enterprise 10K Endpoint Licenses 5-Year Subscription E-STU
JW358AAE	Aruba ClearPass Enterprise 1K Endpoint Licenses 5-Year Subscription E-STU
JW359AAE	Aruba ClearPass Enterprise 2500 Endpoint Licenses 5-Year Subscription E-STU
JW362AAE	Aruba ClearPass Enterprise 25K Endpoint Licenses 5-Year Subscription E-STU
JW357AAE	Aruba ClearPass Enterprise 500 Endpoint Licenses 5-Year Subscription E-STU
JW363AAE	Aruba ClearPass Enterprise 50K Endpoint Licenses 5-Year Subscription E-STU
JW360AAE	Aruba ClearPass Enterprise 5K Endpoint Licenses 5-Year Subscription E-STU
<b>Warranty</b>	
Software	90 days**

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