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.

Employees, contractors and partners are automatically given permission to self-configure their own 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 collected 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

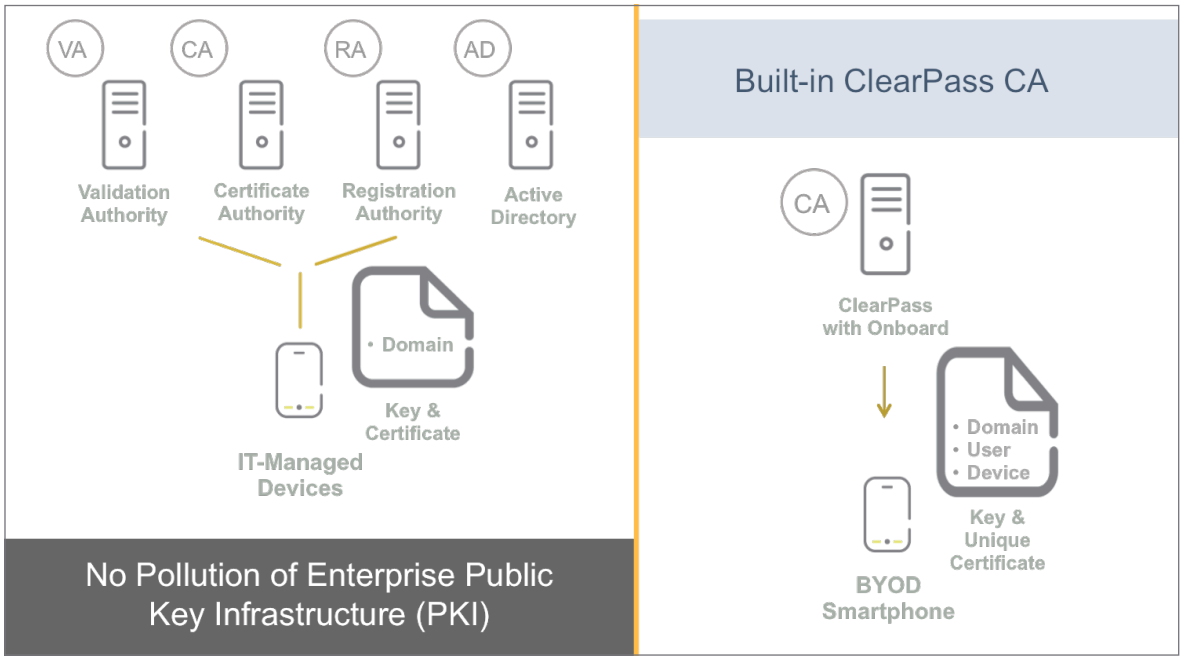
With the industry's most advanced auto-provisioning features, onboarding thousands of devices is amazingly simple via integrated policy management, customizable user-facing portal, and built-in CA.

### 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 sponsor and non-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  also include specific user and device context.


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** |
| LIC-CP-OB-100 | Onboard for Aruba ClearPass Policy Manager – 100 endpoints |
| LIC-CP-OB-500 | Onboard for Aruba ClearPass Policy Manager – 500 endpoints |
| LIC-CP-OB-1K | Onboard for Aruba ClearPass Policy Manager – 1,000 endpoints |
| LIC-CP-OB-2500 | Onboard for Aruba ClearPass Policy Manager – 2,500 endpoints |
| LIC-CP-OB-5K | Onboard for Aruba ClearPass Policy Manager – 5,000 endpoints |
| LIC-CP-OB-10K | Onboard for Aruba ClearPass Policy Manager – 10,000 endpoints |
| LIC-CP-OB-25K | Onboard for Aruba ClearPass Policy Manager – 25,000 endpoints |
| LIC-CP-OB-50K | Onboard for Aruba ClearPass Policy Manager – 50,000 endpoints |
| LIC-CP-OB-100K | Onboard for Aruba ClearPass Policy Manager – 100,000 endpoints |
| **Enterprise Perpetual Part Number** | |
| LIC-CP-EN-xxx* | Enterprise license for ClearPass Policy Manager |
| **Onboard Subscription Part Numbers** | |
| SUB1-CP-OB-xxx* | 1 Year Onboard Subscription License for ClearPass Policy Manager |
| SUB3-CP-OB-xxx* | 3 Year Onboard Subscription License for ClearPass Policy Manager |
| SUB5-CP-OB-xxx* | 5 Year Onboard Subscription License for ClearPass Policy Manager |
| **Enterprise Subscription Part Numbers** | |
| SUB1-CP-EN-xxx* | 1 Year Enterprise Subscription License for ClearPass Policy Manager |
| SUB3-CP-EN-xxx* | 3 Year Enterprise Subscription License for ClearPass Policy Manager |
| SUB5-CP-EN-xxx* | 5 Year Enterprise Subscription License for ClearPass Policy Manager |
| **Warranty** | |
| Software | 90 days** |

* 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

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