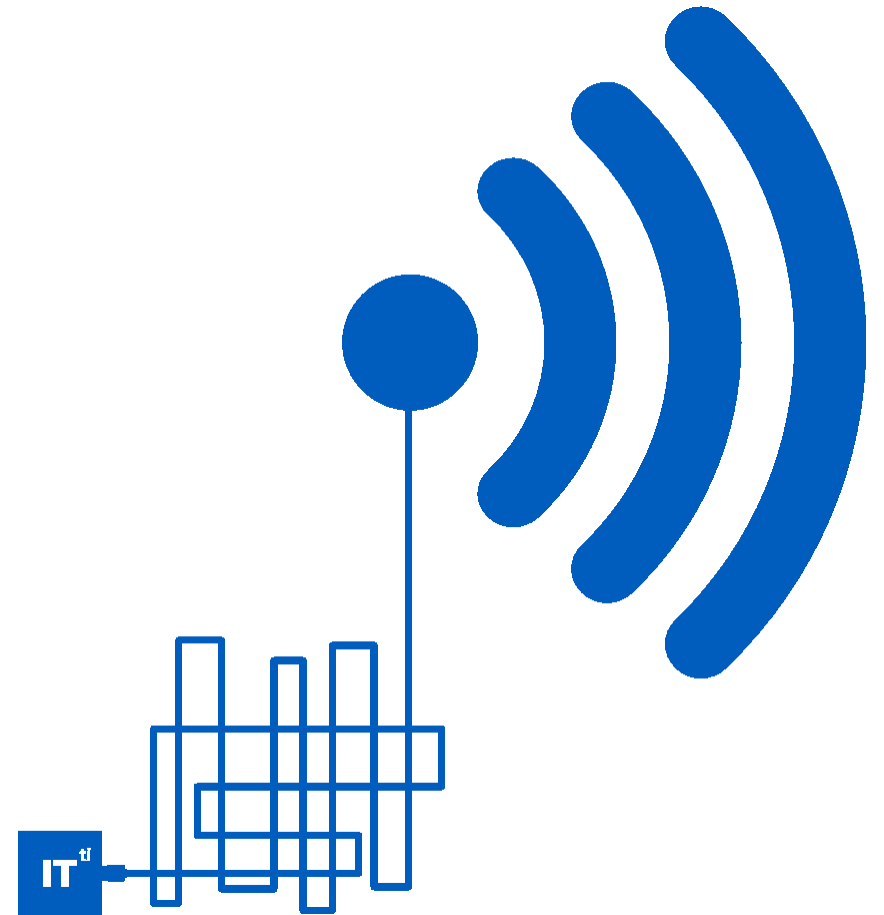


ClearPass

Access Control

Marko Ugrin
Direktor Razvoja, Integra Group d.o.o.



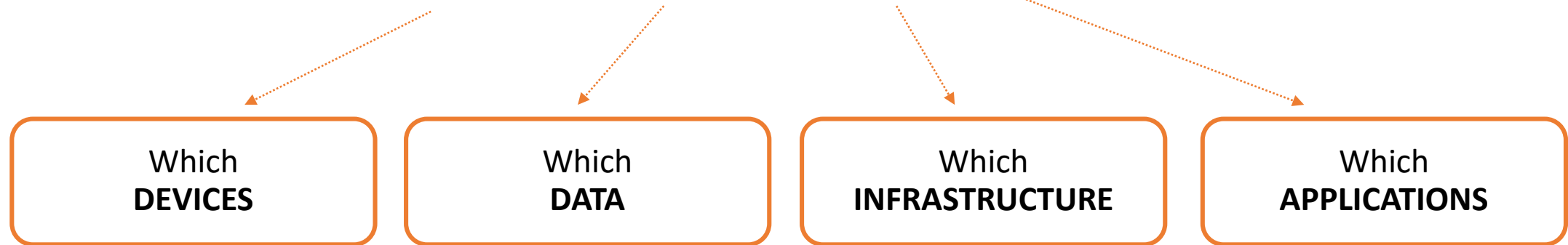
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ClearPass – kontrola pristupa



Defines **WHO** and **WHAT DEVICES** can connect to:



Profile – Control – Attack Response



Aruba Clearpass

The most comprehensive BYOD and IoT management platform

- Role-based network access enforcement for Wi-Fi, wired and VPN
- Supports NAC and Microsoft NAP posture and health checks
- Advanced reporting of all user activity, authentications and failures
- Device onboarding, profiling, guest access, and compliance reporting
- Enterprise-grade AAA, including RADIUS/TACACS+, 802.1X and non-802.1X services.



Third Party
Integration



Guest Access

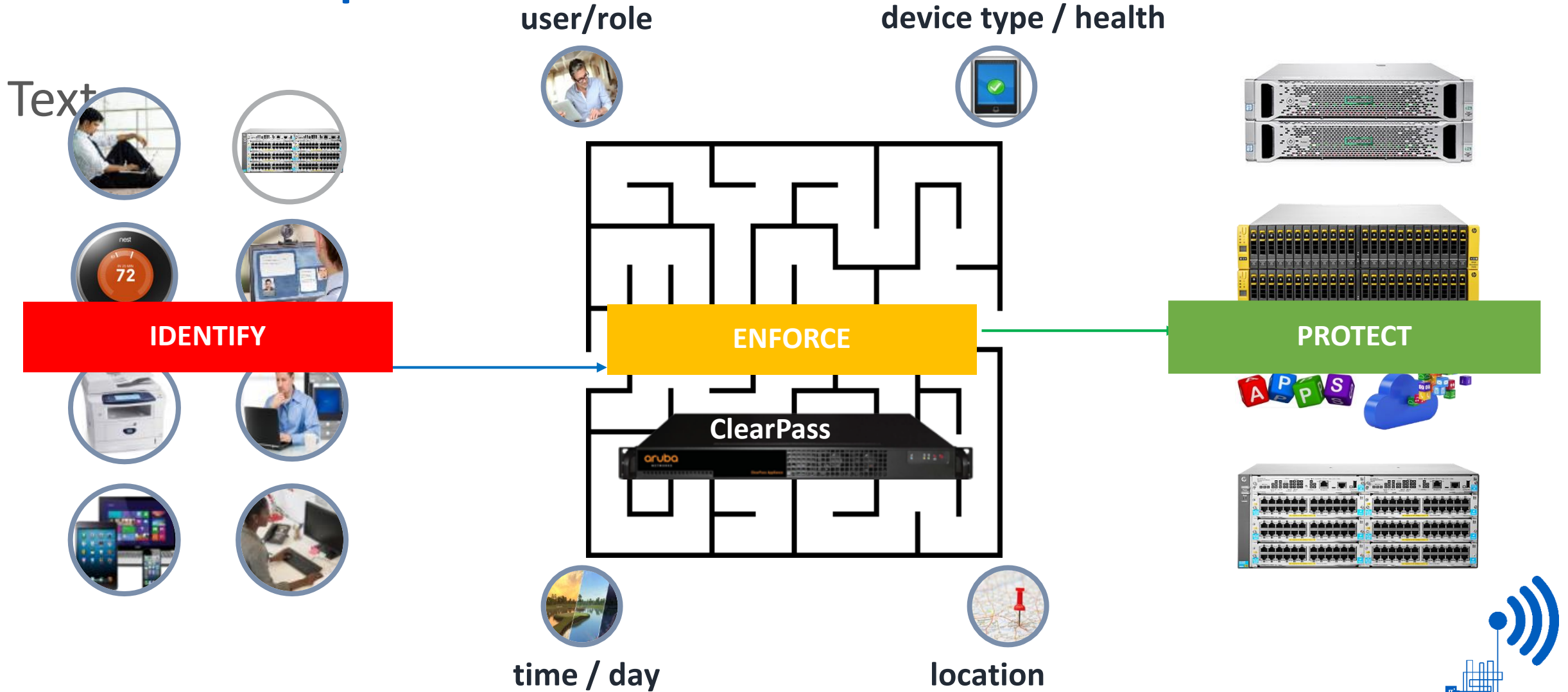


BYOD/IoT
Onboarding



Endpoint
Health

ClearPass politike



ClearPass

aruba a Hewlett Packard Enterprise company ARISTA

JUNIPER NETWORKS CISCO

ArcSight An HP Company

paloalto NETWORKS

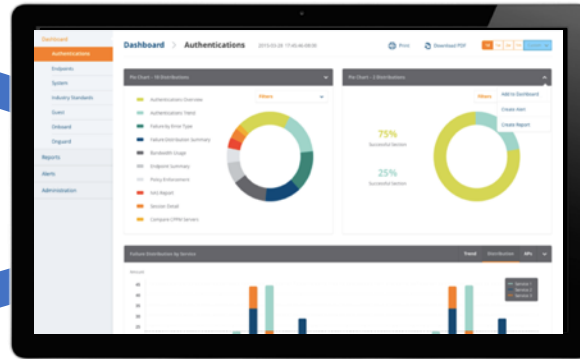
splunk

Check Point SOFTWARE TECHNOLOGIES LTD.

Internet of Things (IoT)



Multi-vendor switching



REST API / Syslog

Security monitoring and threat prevention



IWS

IMAGEWARE SYSTEMS, INC.

Google

MobileIron

airwatch by vmware

Device Management and multi-factor auth

BYOD and corporate owned



Multi-vendor WLANs

Aruba ClearPass with Exchange EcoSystem

servicenow pagerduty

twilio

SendGrid

Helpdesk and voice/SMS services in the cloud



ClearPass

Onboard



Guest



OnGuard

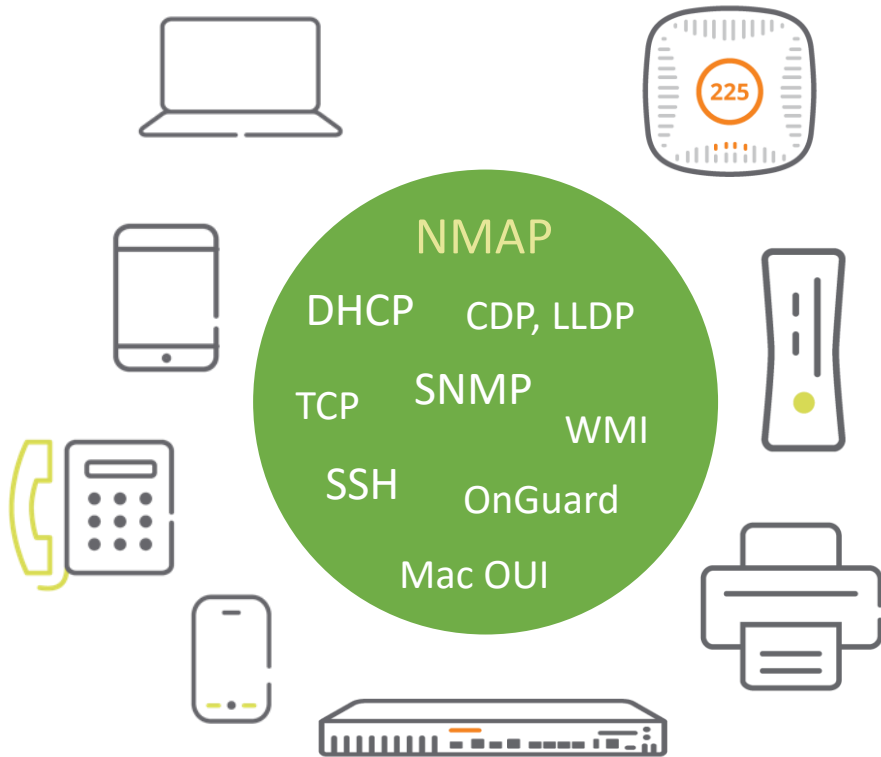


- Automated device fingerprinting
- Enhanced security for BYOD and guests
- Automating workflows
- Device health checks



Profiling - Know the Unknowns

- Know everything
 - On-demand or pre-scheduled scans
 - Granular visibility for like devices



Before



Profile

After

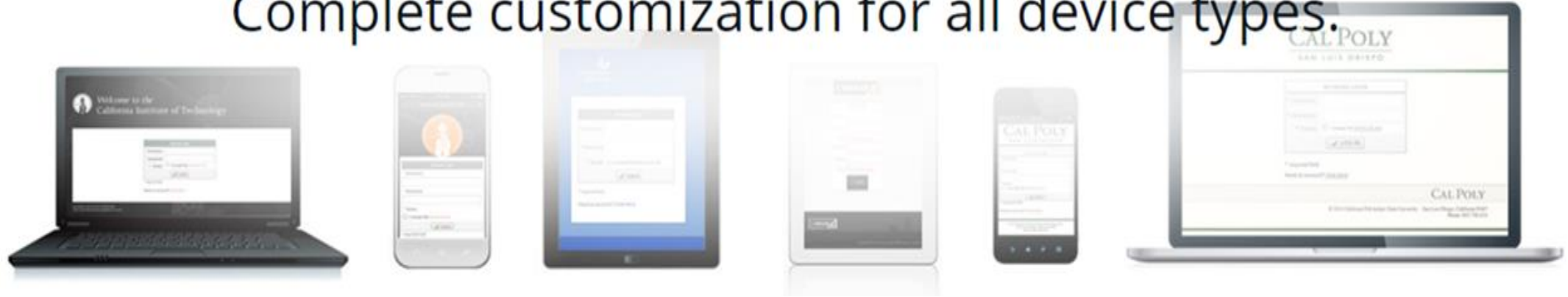


Lighting Sensor

Temperature Sensor

ClearPass Onboard - BYOD

Complete customization for all device types.



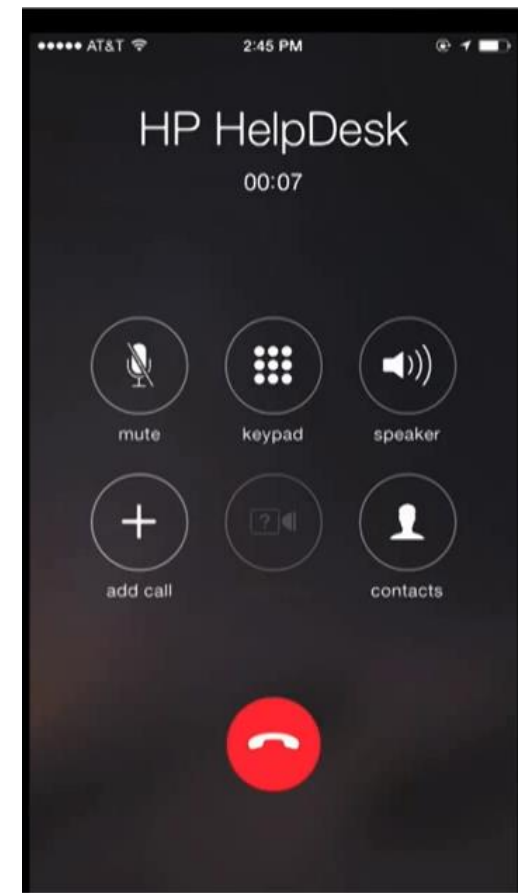
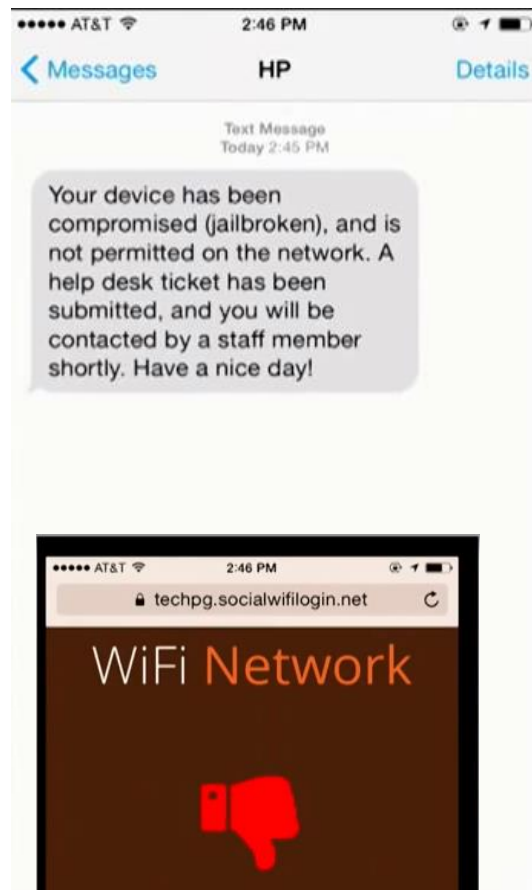
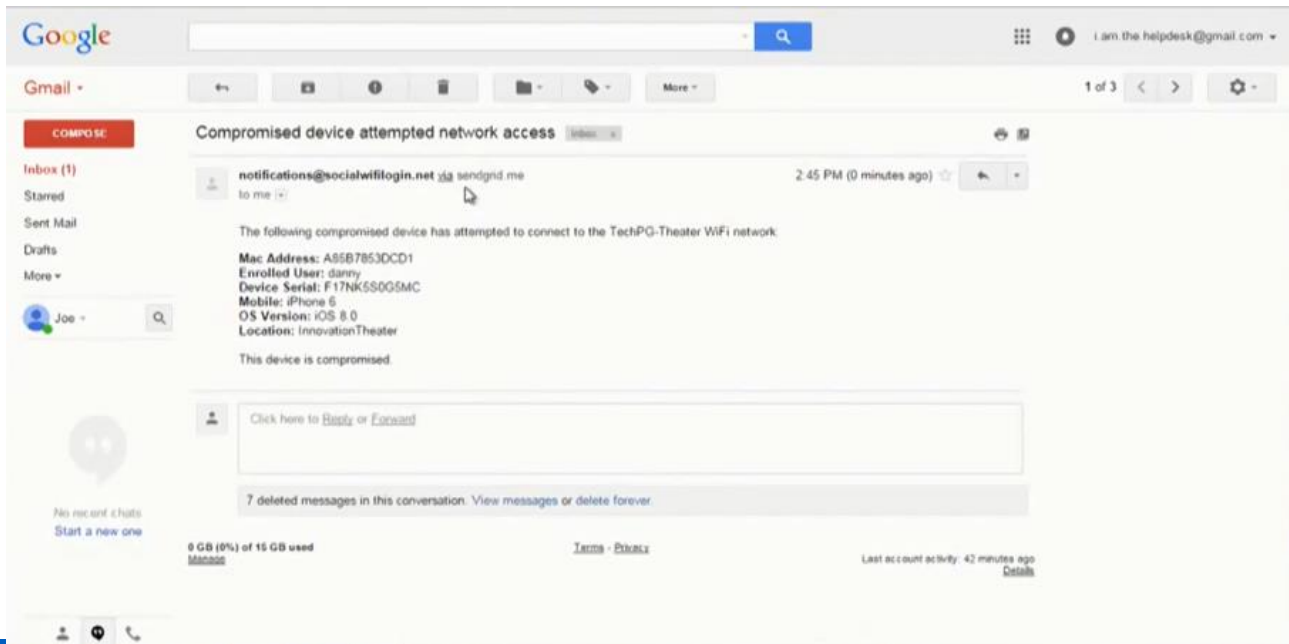
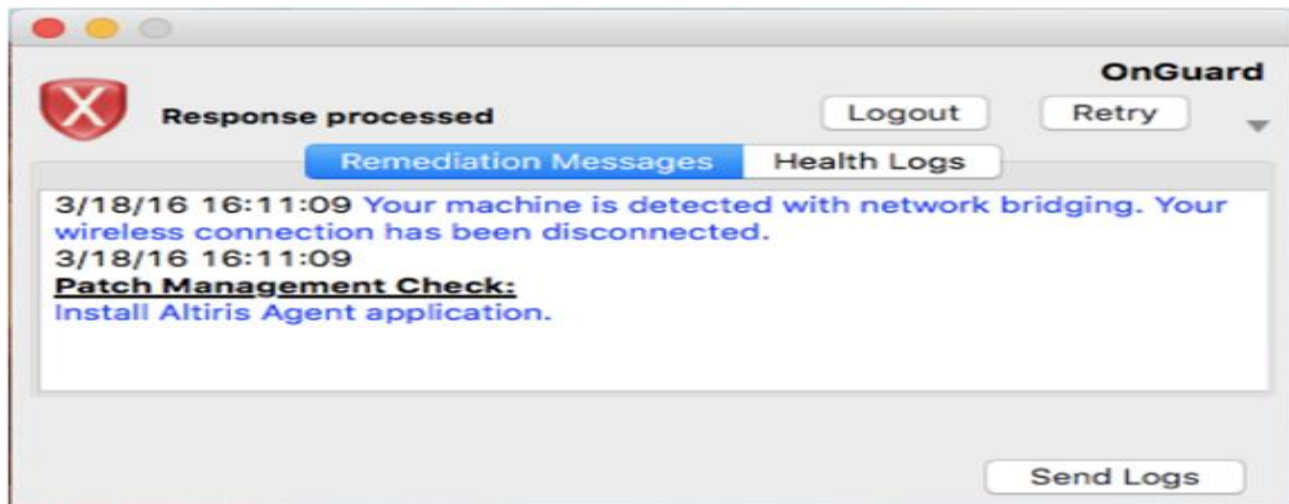
- Automate device provisioning for secure BYOD (Data about devices from Active Directory and LDAP)
- Issue unique certificates for every mobile device - SCEP and EST (RFC 7030)



ClearPass OnGuard

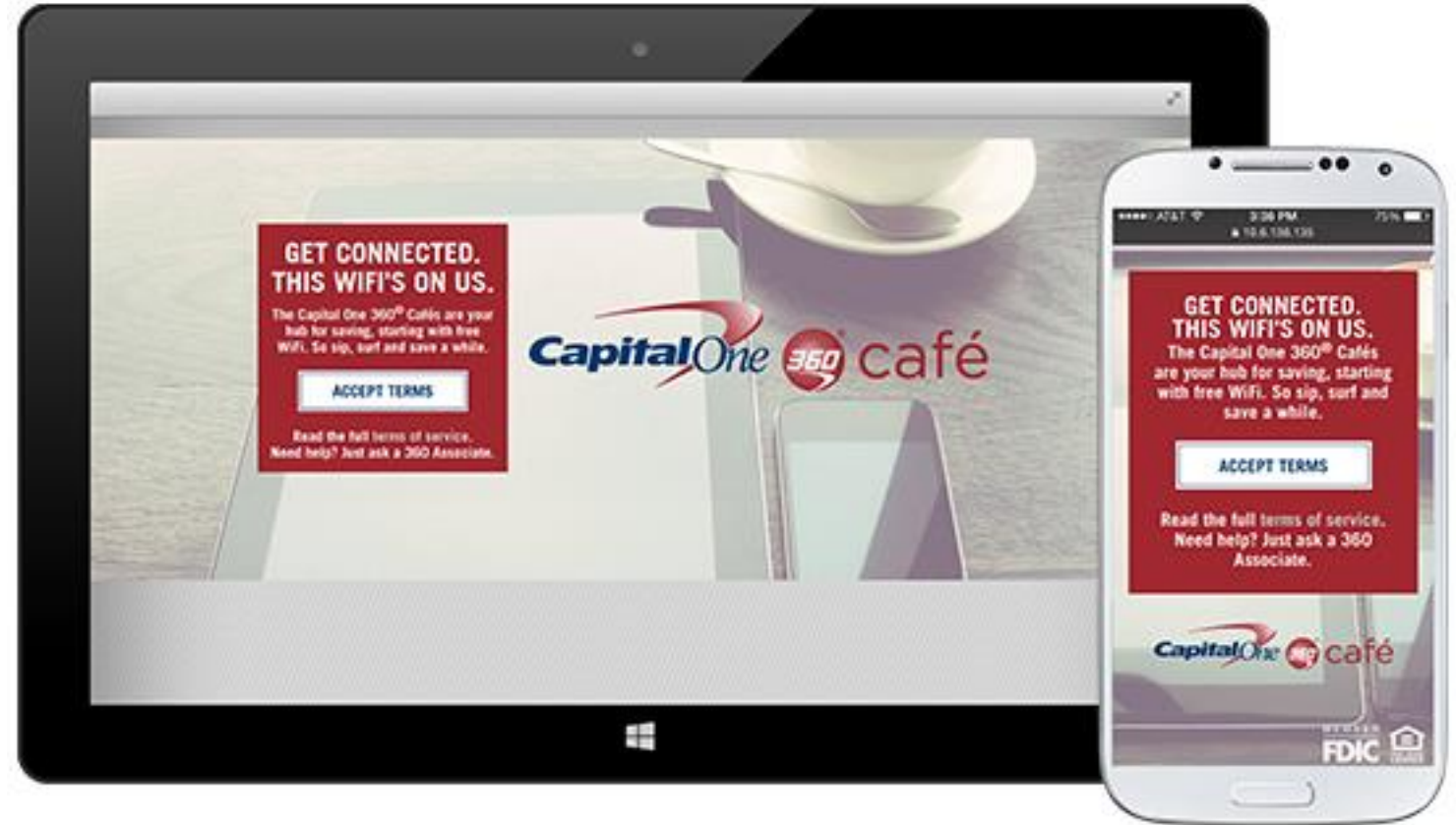
- Automate health checks and posture assessments before the device connects
- System-wide per-session NAC protection
- Allow or deny peer-to-peer applications or USB storage devices – no access if not encrypted
- No access if not with latest patches and hot fixes.
- Quarantine endpoints that are not in compliance with corporate posture policies
- Detailed administrator dashboard
- Access based on the status of a certificate or credentials and user location data





Guest Management

- Create a customized guest access portal.
- Self-registration, social logins and sponsor options
- In-browser advertising.



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