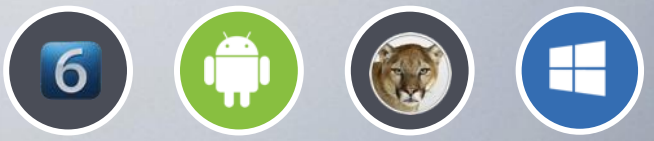
MobileIron Introduction

Bang Tran

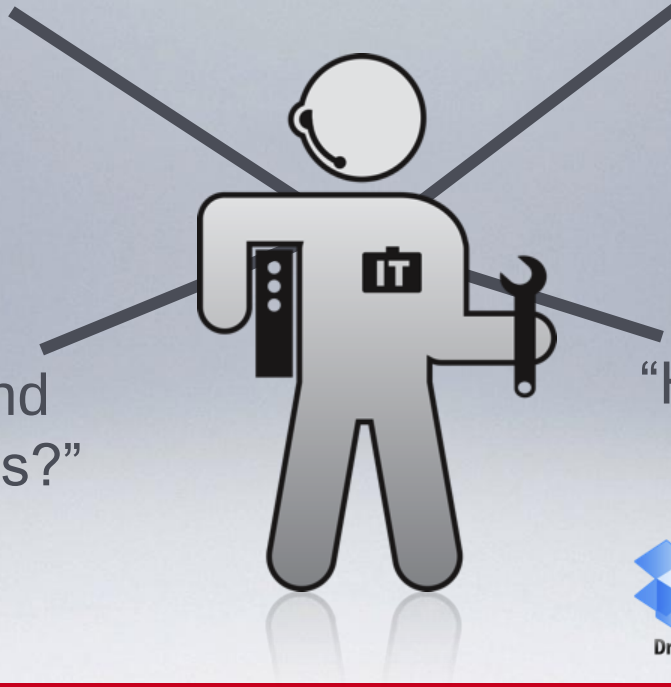
Course objectives

- Technical product overview
  - Basic Architecture review and appliance installation
  - User management and device registration
  - Applying policies to devices
- Provide lab opportunities to work with the product
  - User interfaces and basic setup tasks
  - User management and device registration
  - Applying policies through labels
  - Provisioning configuration settings
  - Building an app distribution library and app control
  - Provisioning configuration settings and apps to devices

"How do I distribute apps and embrace BYOD?"



"How do I manage the explosion of OSs?"



"How do I manage security and identity across all this?"

"How do I secure and mobilize content?"

"I need to move at **consumer speed**, yet with **security** and **compliance**"

Why MobileIron

Best at Apps

Complete Application Management for *__both__* IOS and Android

Best at Enterprise Persona

Mobile Apps+Docs = Secure, Enterprise Persona

Best at Scale

100K devices per Appliance

Deployment Flexibility

Cloud and on-prem

Mobile IT Success with

Best Technology

Purpose-built for Mobile IT

Complete multi-OS mobile apps management

Complete separation of corporate and personal

Enterprise-class on-prem or in the cloud

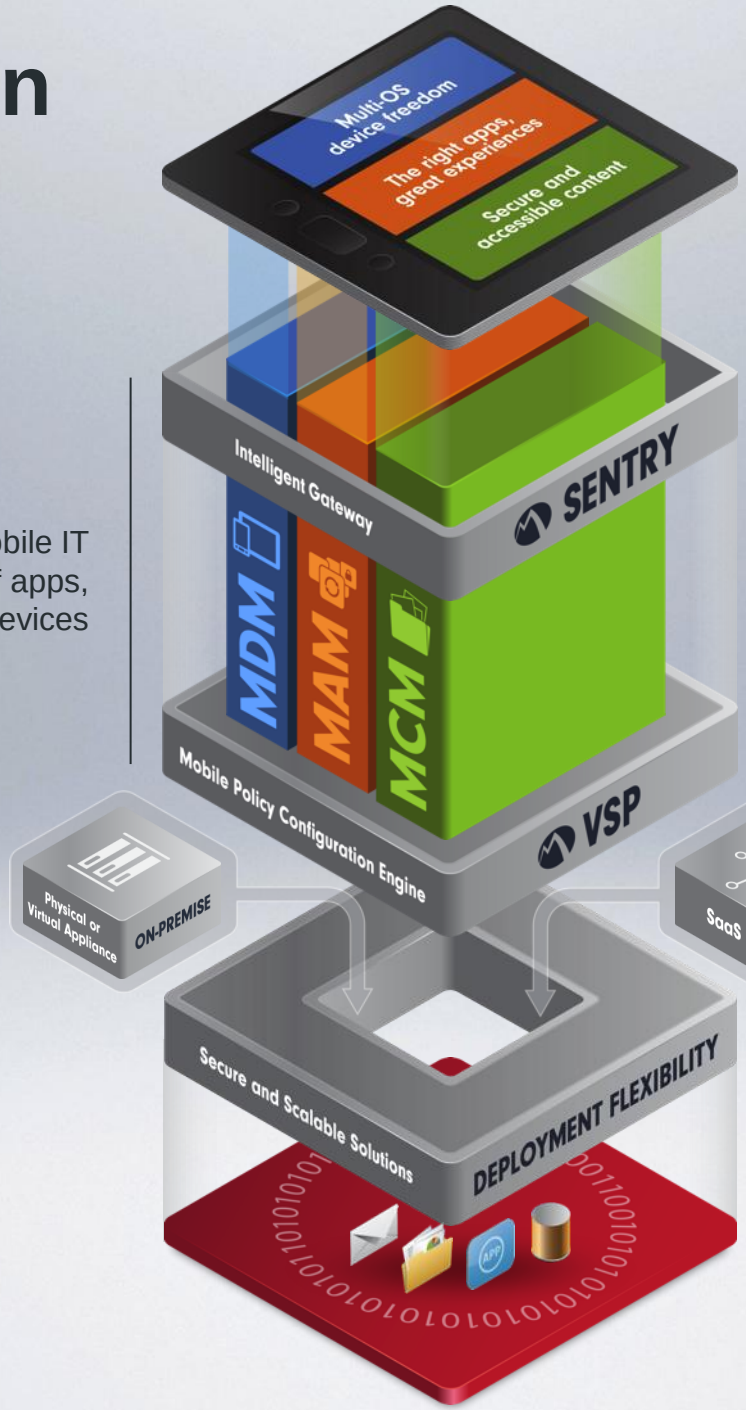
Deepest investment in customer success

97%+ support satisfaction

MobileIron University: industry's best Mobile IT training and certification center

Best practice toolkits (BYOD, Apps, Android, Deployment)

MobileIron Platform



Easy access for end-users to their apps and documents anywhere on the device of their choice

Strong security and policy enforcement for apps and documents in flight

Complete Mobile IT management of apps, documents, and devices

Dynamic security and management policy configuration, self service provisioning, and analytics

Most scalable platform in the industry, running up to 100K devices on a single appliance

First Mobile IT cloud service with SOC 2 Type I audit and operational transparency

Integration with back-end enterprise services including: email, content, data, apps and extensibility APIs

MobileIron Deployment

VSP: Mobile Policy Configuration Engine

- Mobile Device Management
- Mobile Application Management
- Mobile Content Management
- Identity And Certs
- User Self-Service
- Rules & Reporting

MobileIron Client

Enforces Configuration and Security policies on the device at rest and in real time

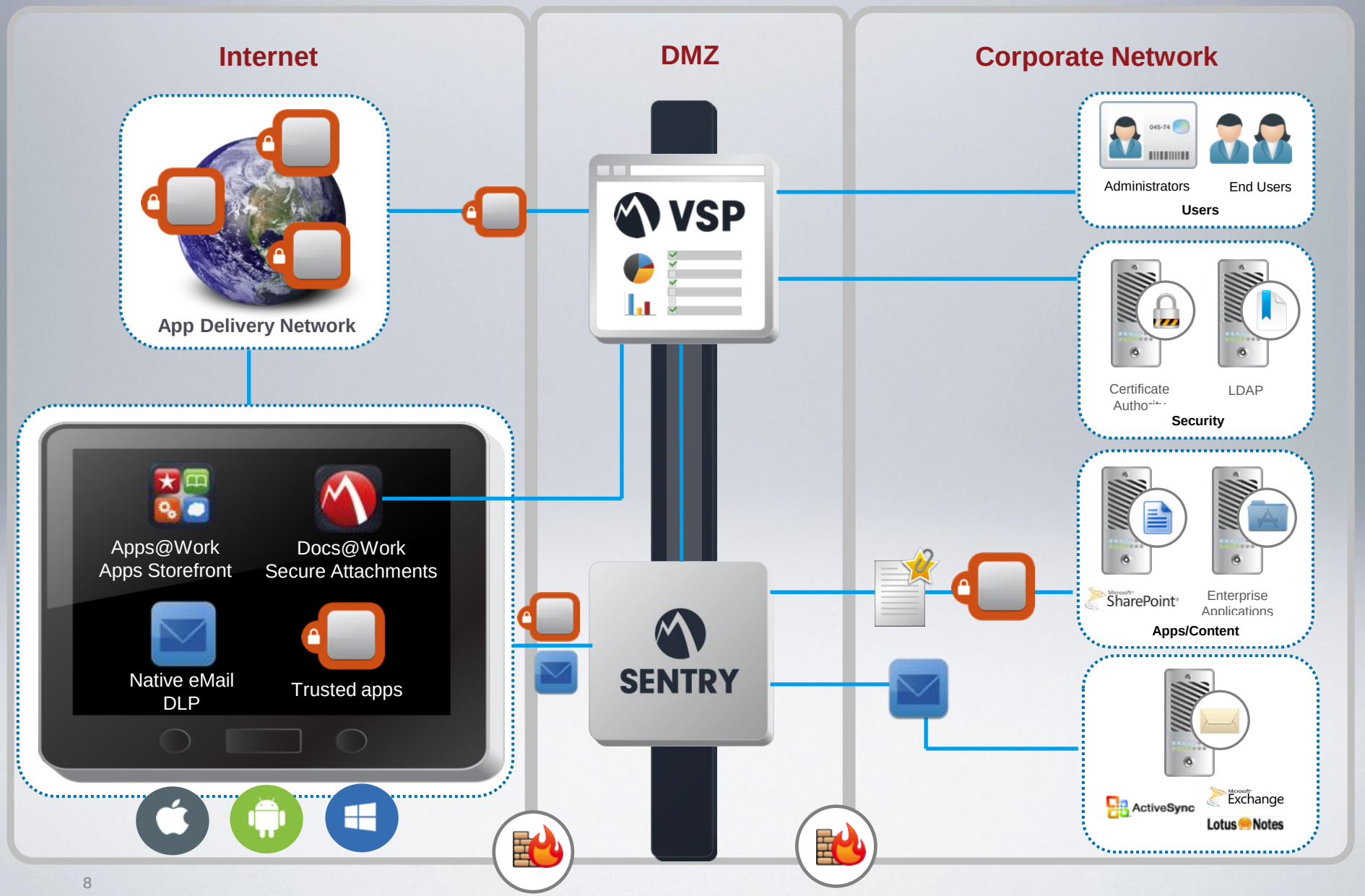
End Users

Sentry

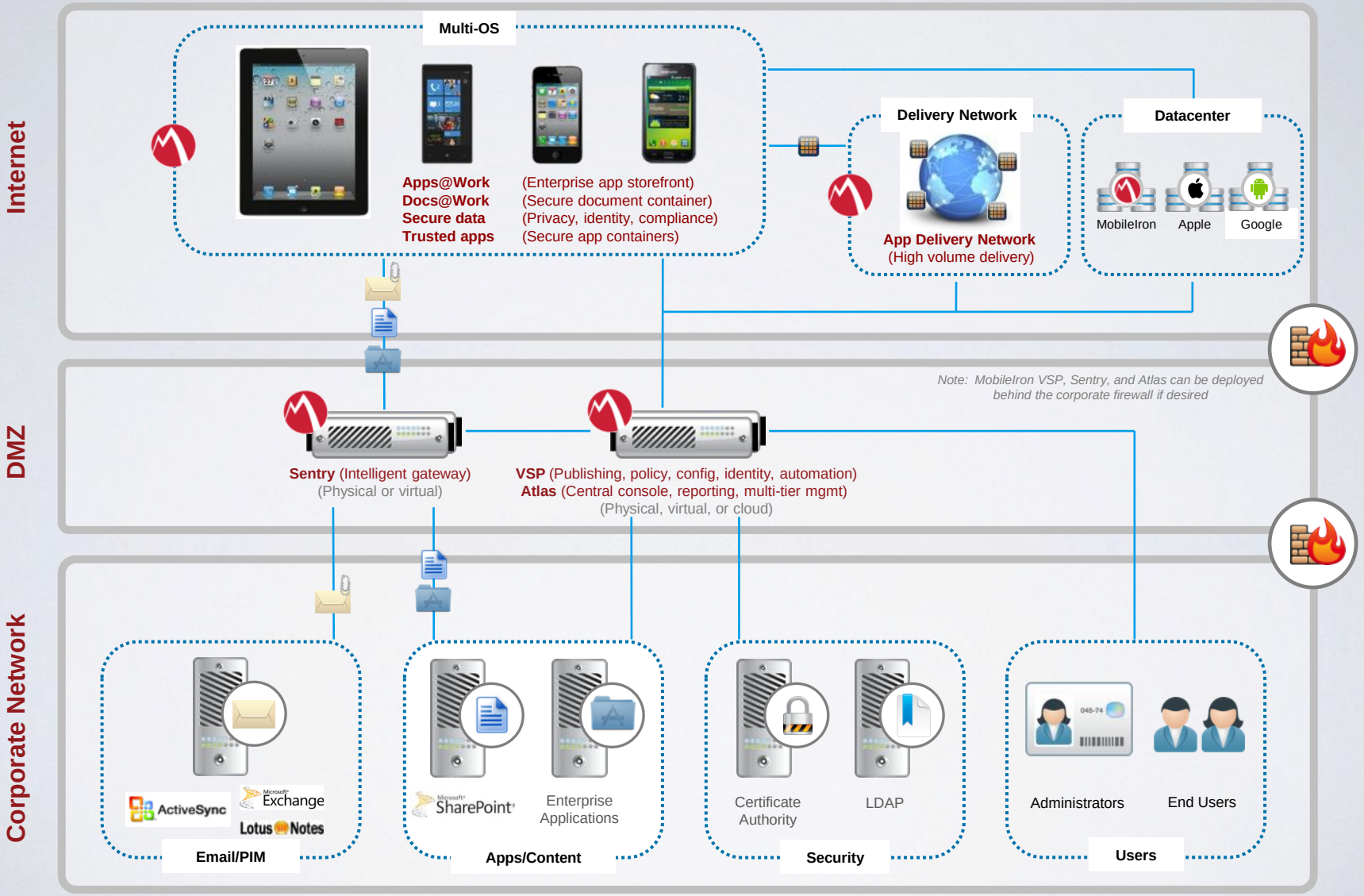
Provides Access Control by Enforcing Security Policies on Apps and Content in Flight

Enterprise Resources

MobileIron Deployment



MobileIron Architecture: Deployment



MobileIron VSP Mobile Policies, Configuration Engine

- Rules
- Reporting
- User Self-service
- Identity And Certs

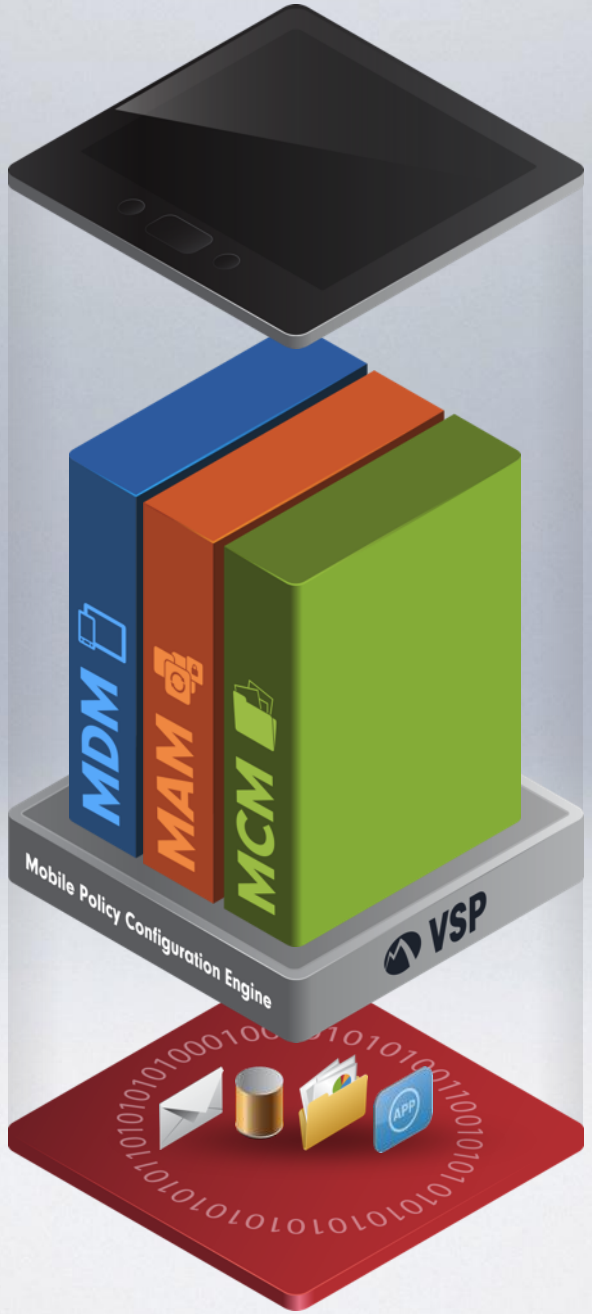
Back-end Integration:

- Email
- Content
- Data
- Apps
- Extensibility APIs

Complete Solution for Mobile IT

MOBILE DEVICE MANAGEMENT

- Secure and Manage Devices Across Multi-OSes
- No-Touch Provisioning and Configuration
- Across Corporate Device or BYOD



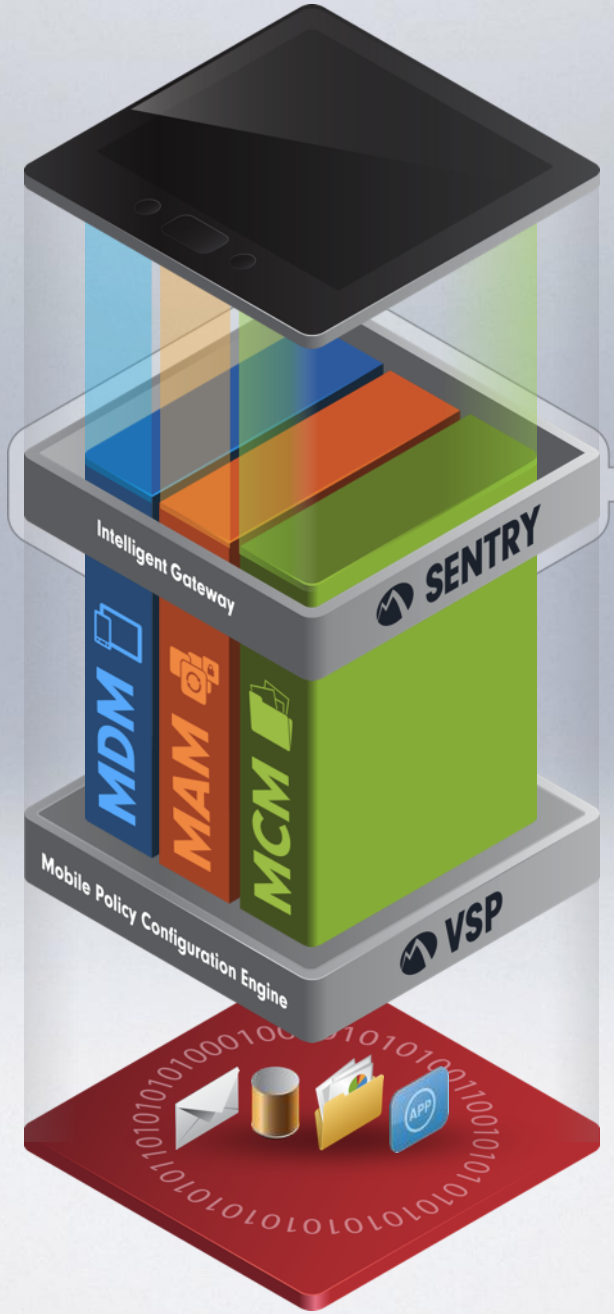
MOBILE APP MANAGEMENT

- Store Front for In-House and Public Apps
- Dynamic Application-Level Policies/Config
- Separation Between Enterprise Persona
- App Tunneling

MOBILE CONTENT MANAGEMENT

- Secure Enterprise Content Access (and SharePoint)
- Secure Email Attachment/DLP
- Secure Intranet Browsing
- Selective Wiping

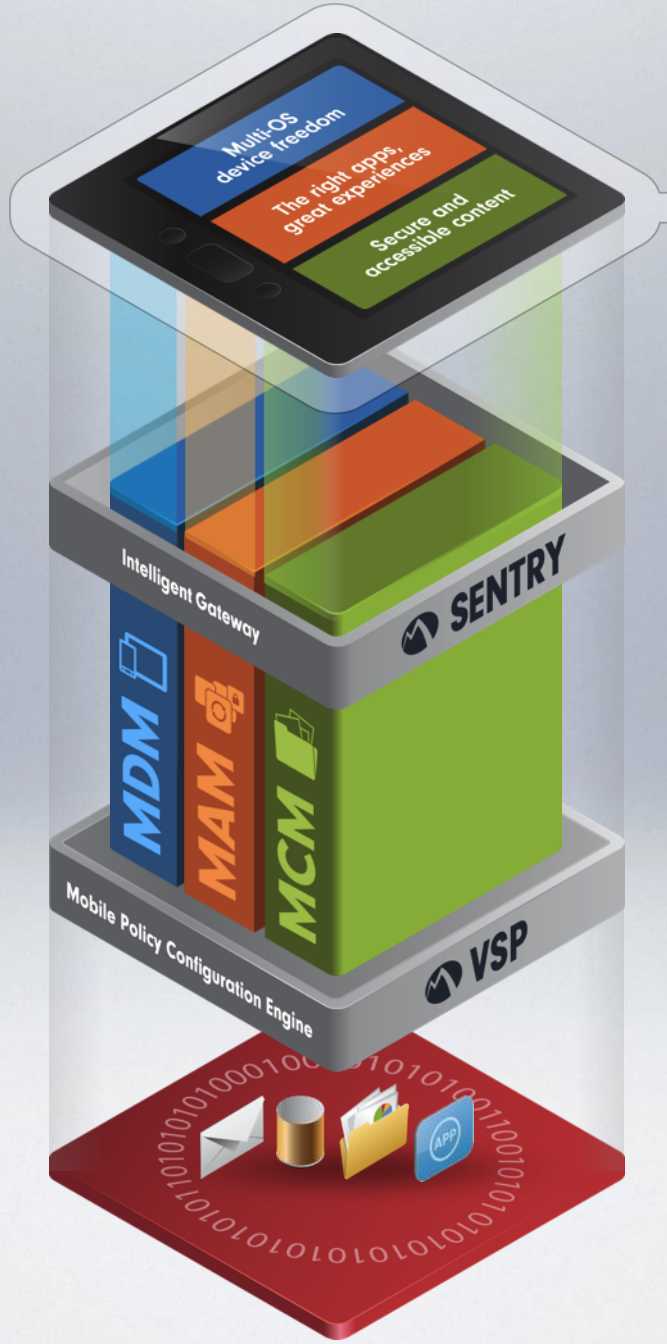
MobileIron Sentry Security for Data and Apps in Motion



SENTRY

- Provides Access Control by Enforcing Security Policies on Apps and Content in Flight
- Data Encryption

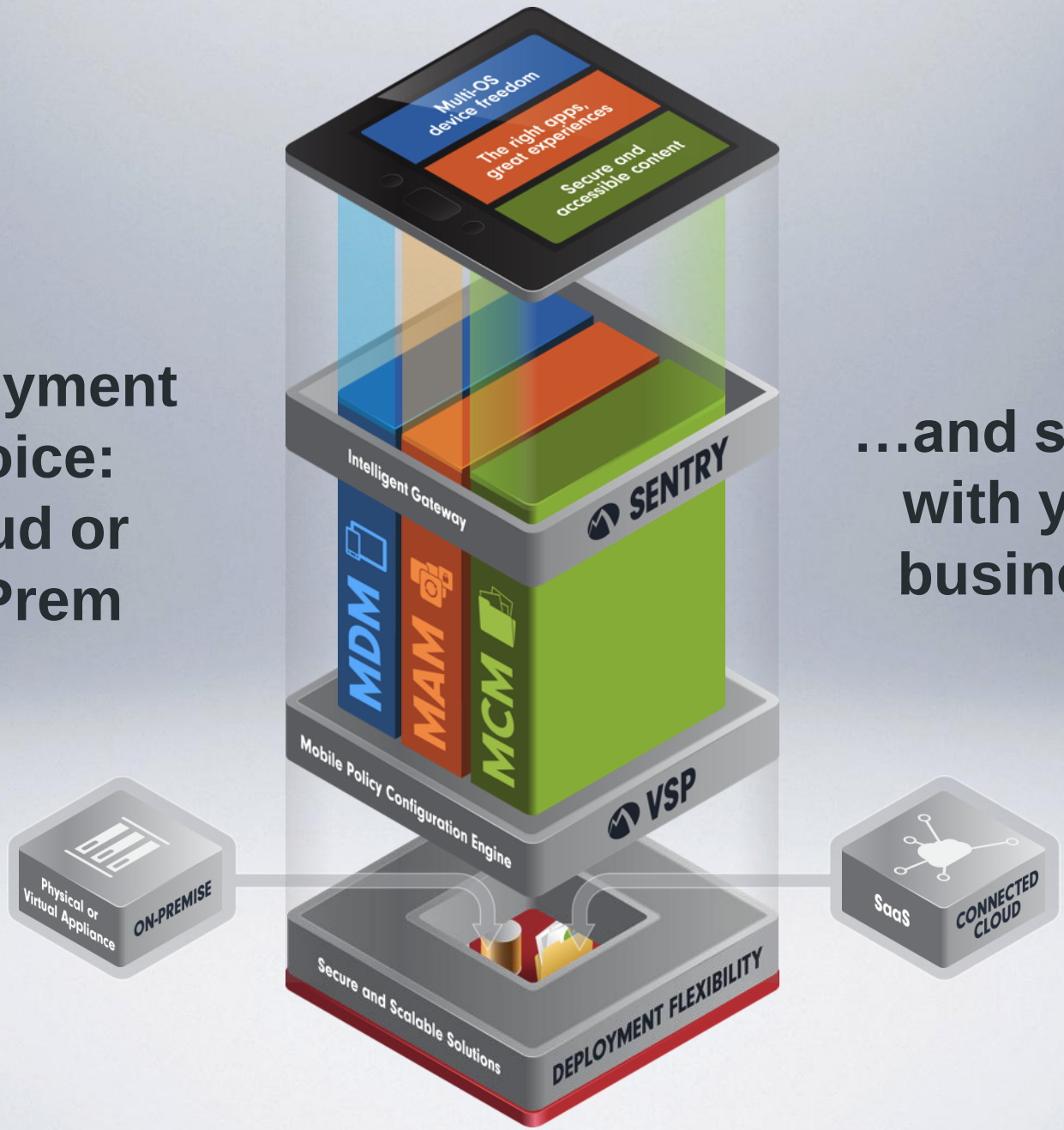
MobileIron End User Services



- Device Choice
- Secure Email
- Apps
- Content
- Secure Browser

- Native Experience
- Secure
- Separation Between Enterprise & Personal

Deployment Choice: Cloud or OnPrem



…and scales with your business.

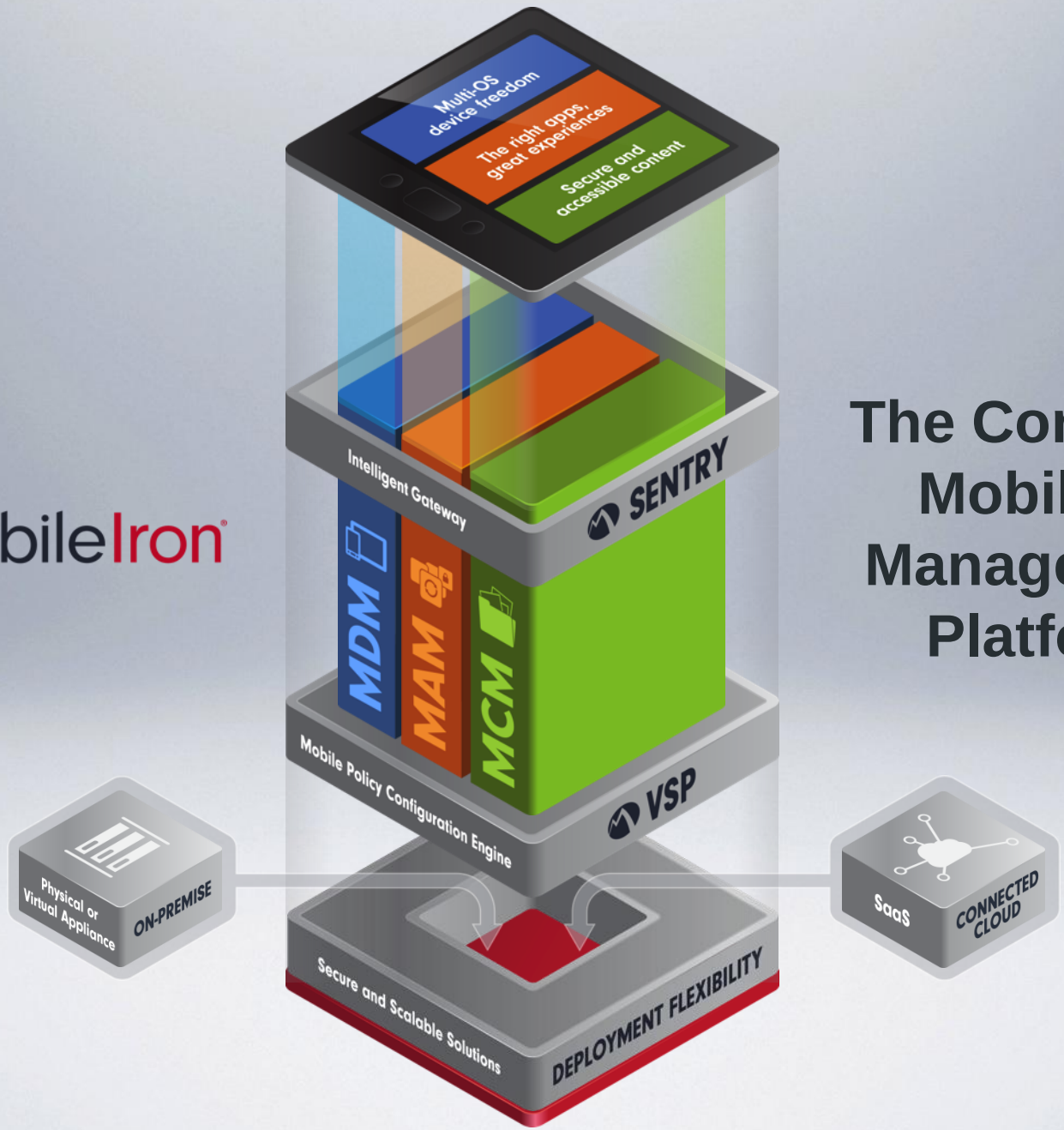
AICPA Service Organization Control Reports
AICPA
SOC
aicpa.org/soc
Formerly SAS 70 Reports

TRUSTe
EU SAFE HARBOR

TRUSTe
CERTIFIED PRIVACY

MobileIron

The Complete Mobile IT Management Platform

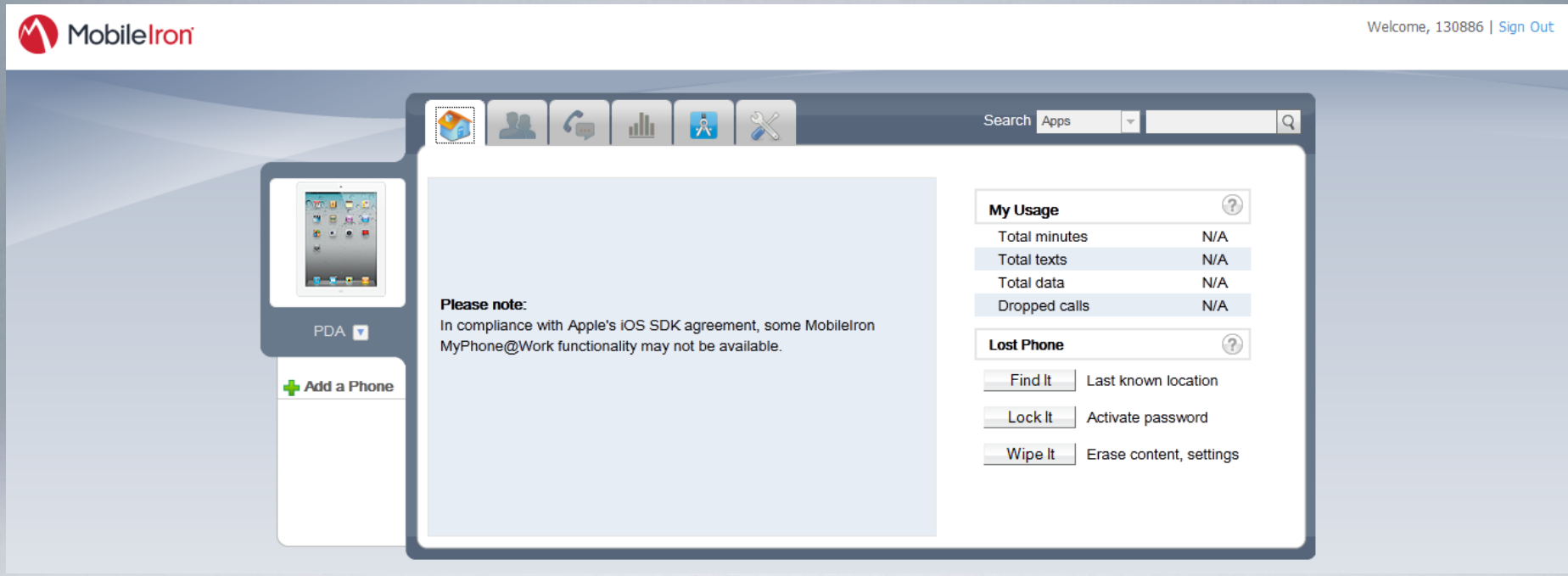


Interacting with MobileIron

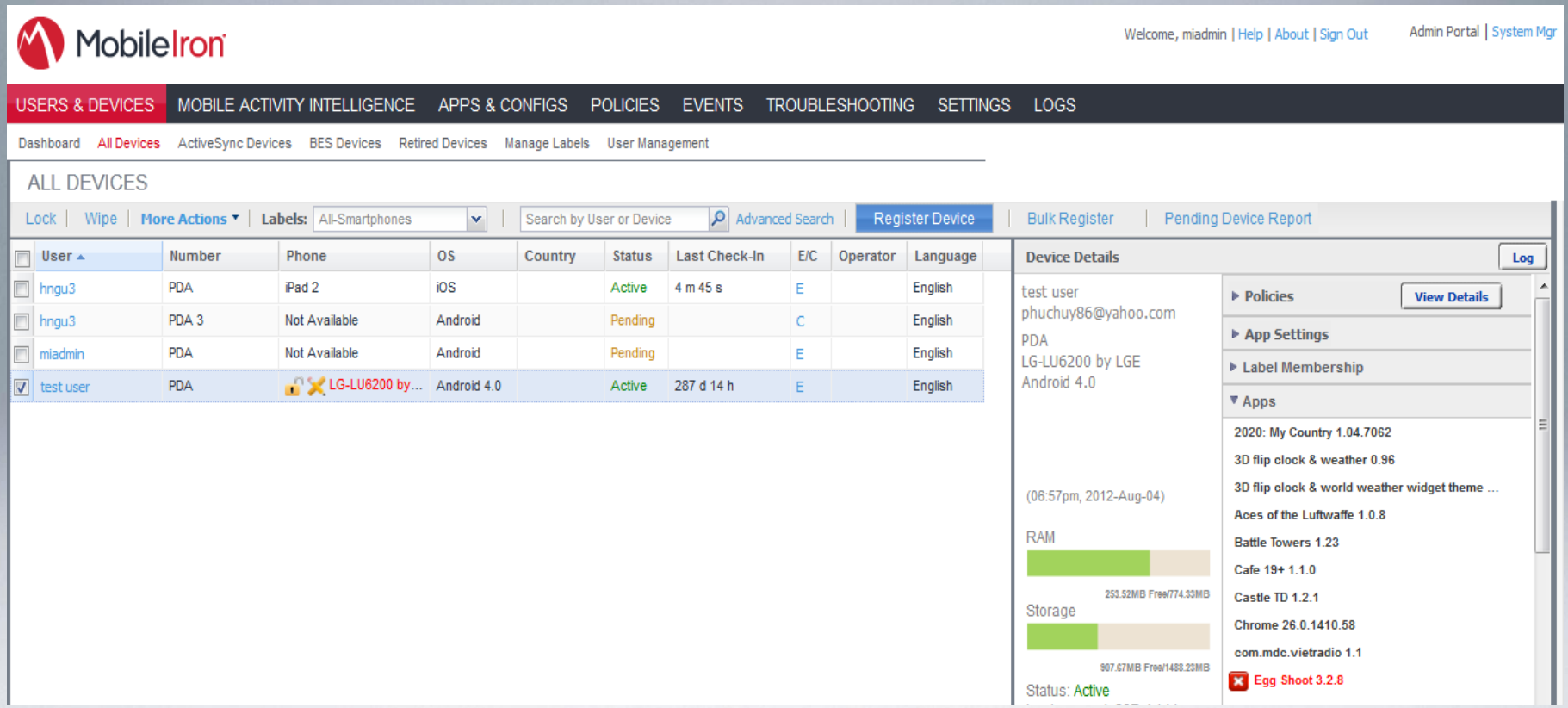
The MobileIron solution has several user interfaces:

Web-based End User Portal	• MyPhone@Work
Web-based Admin Portals	• Smartphones – day-to-day smartphone management • System – one-time network setup tasks
Command Line Based Interface (CLI)	• Management appliance and ActiveSync Sentry • API available for 3rd party integration
Device Clients	• iOS, Android (Mobile@Work), BlackBerry, Symbian, Windows Mobile
Atlas	• Single UI for monitoring and reporting on multiple VSPs

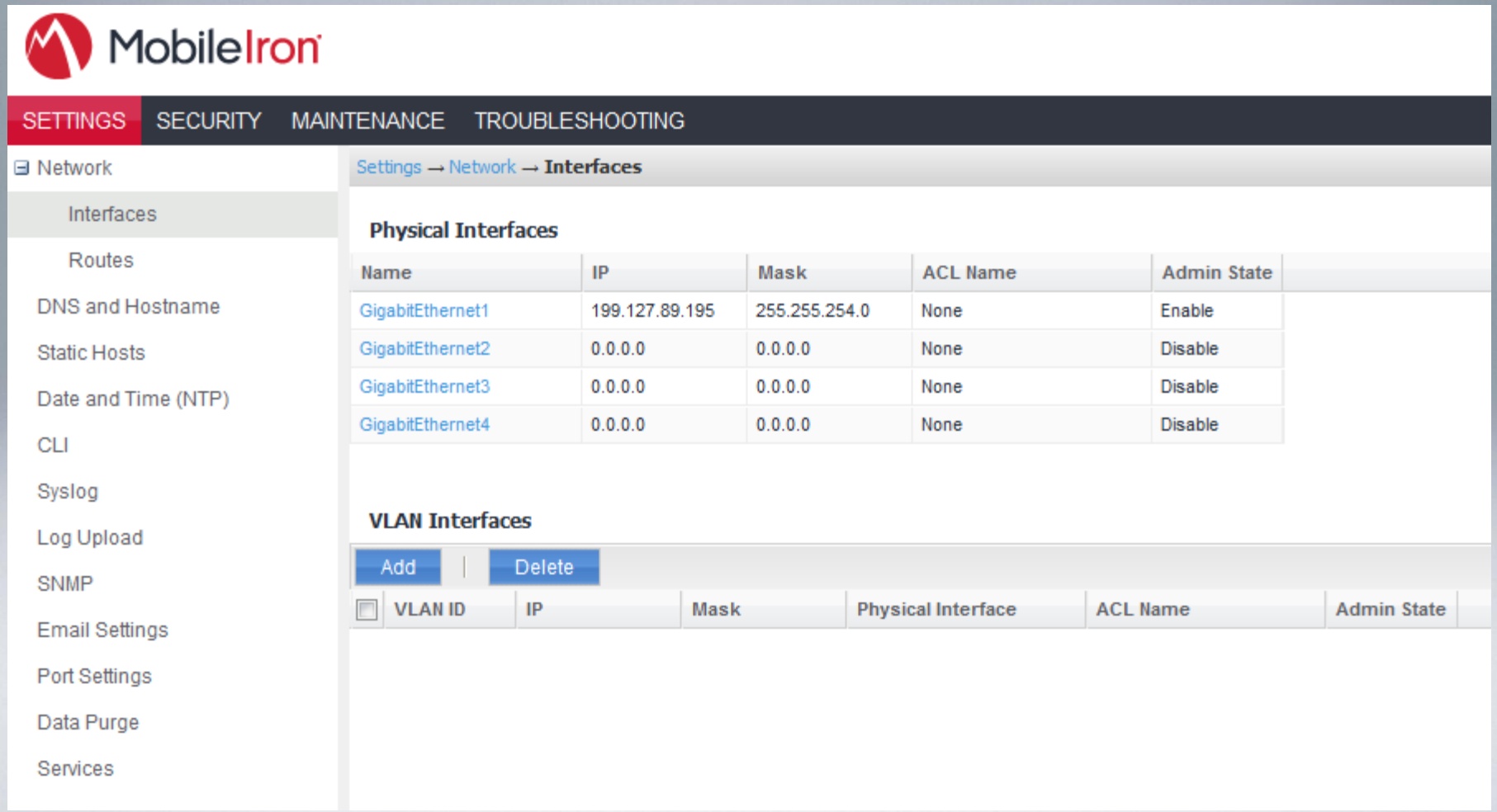
MobileIron MyPhone@Work



MobileIron Admin



MobileIron System Manager



End-User Experience

iPad
2:00 PM
MobileIron
AnyConnect
AppsWork
MeetNGreet
Self Se... Portal
Device Config
and Docs@
(Sharepoint
Multi-User Su
Native Device Experience
Safari
Mail
Videos
Music

Assignment

- Register a user
- Register a device
- Require device pass code
- Control access to Exchange
- Black list apps
- Require selected apps
- Recommend selected apps
- Build and deliver in-house apps