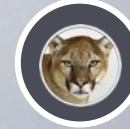


# MobileIron Introduction

Bang Tran

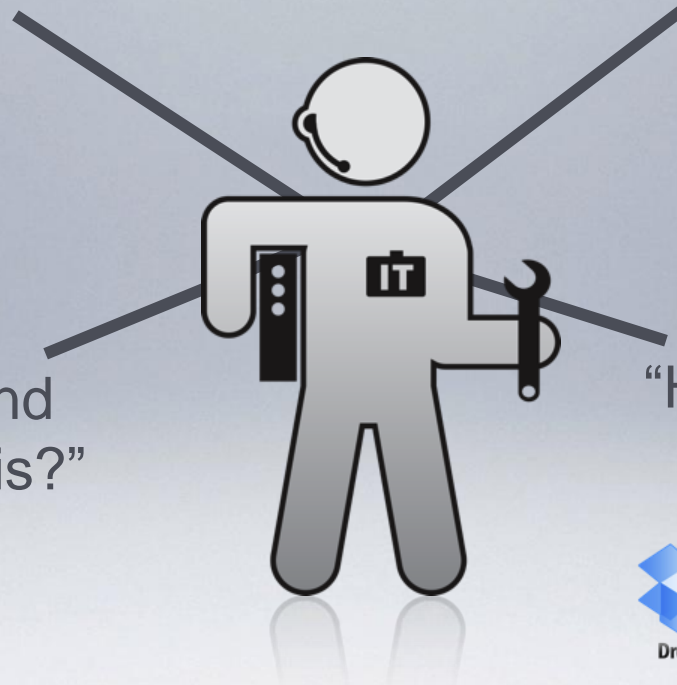
# Course objectives

- 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 Scale

100K devices per  
Appliance



## Best at Enterprise Persona

Mobile Apps+Docs = Secure,  
Enterprise Persona



## Deployment Flexibility

Cloud and on-prem



# Mobile IT Success with



MobileIron®

## 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

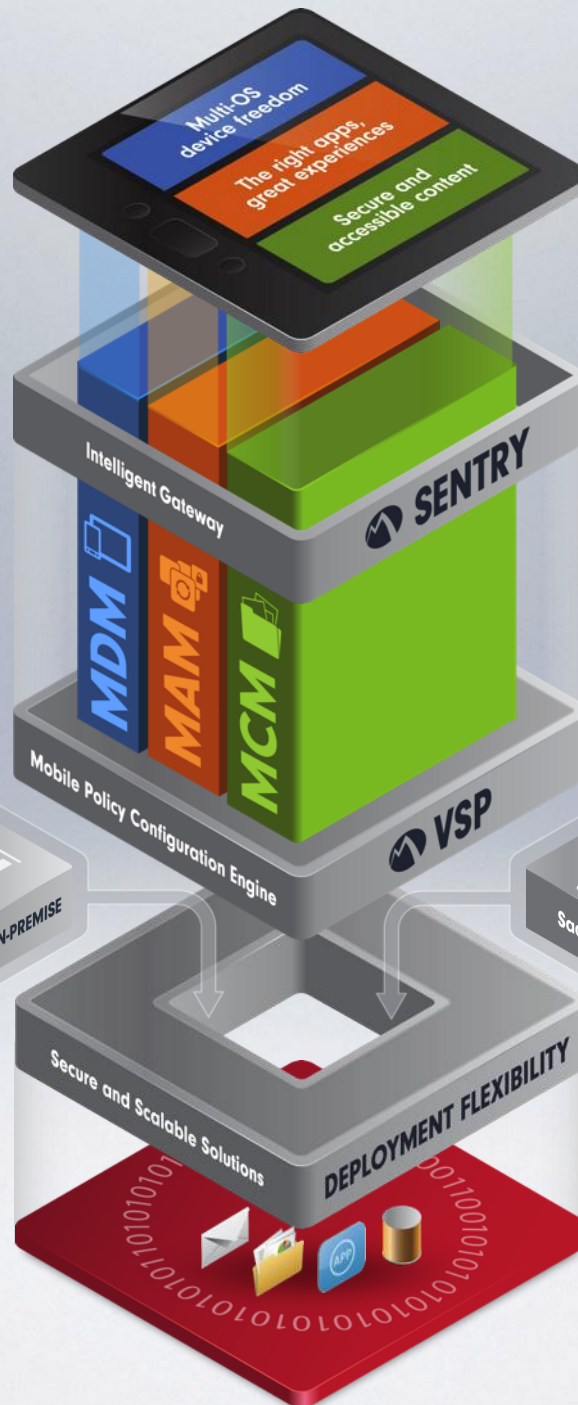
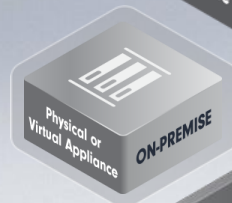
MobileIron University:  
industry's best Mobile IT training  
and certification center

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

# MobileIron Platform

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

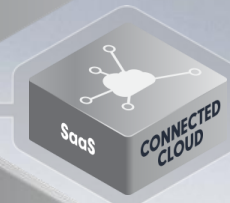
Complete Mobile IT management of apps, documents, and devices



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

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



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



## Sentry

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

## MobileIron Client

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

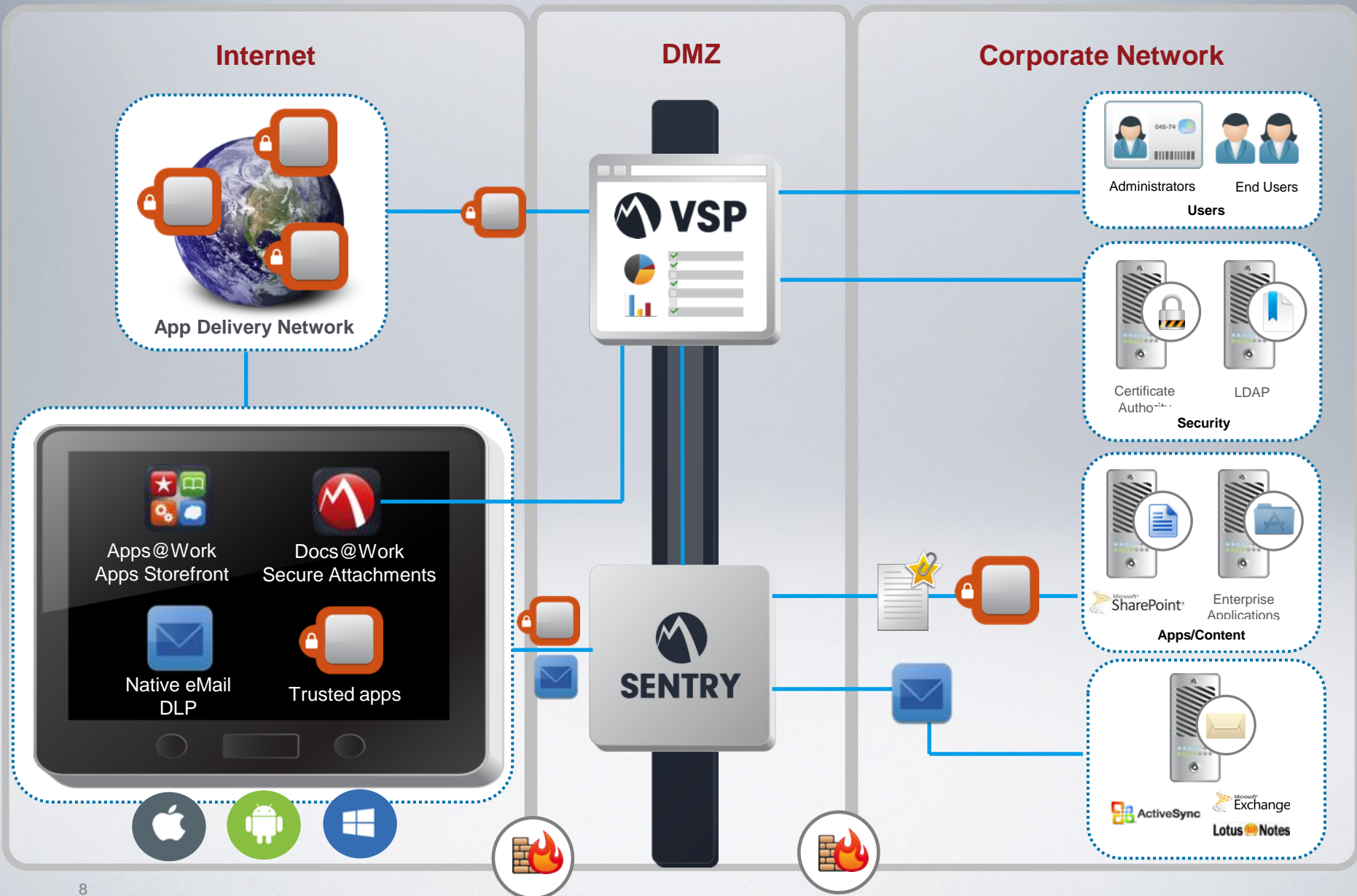


End Users



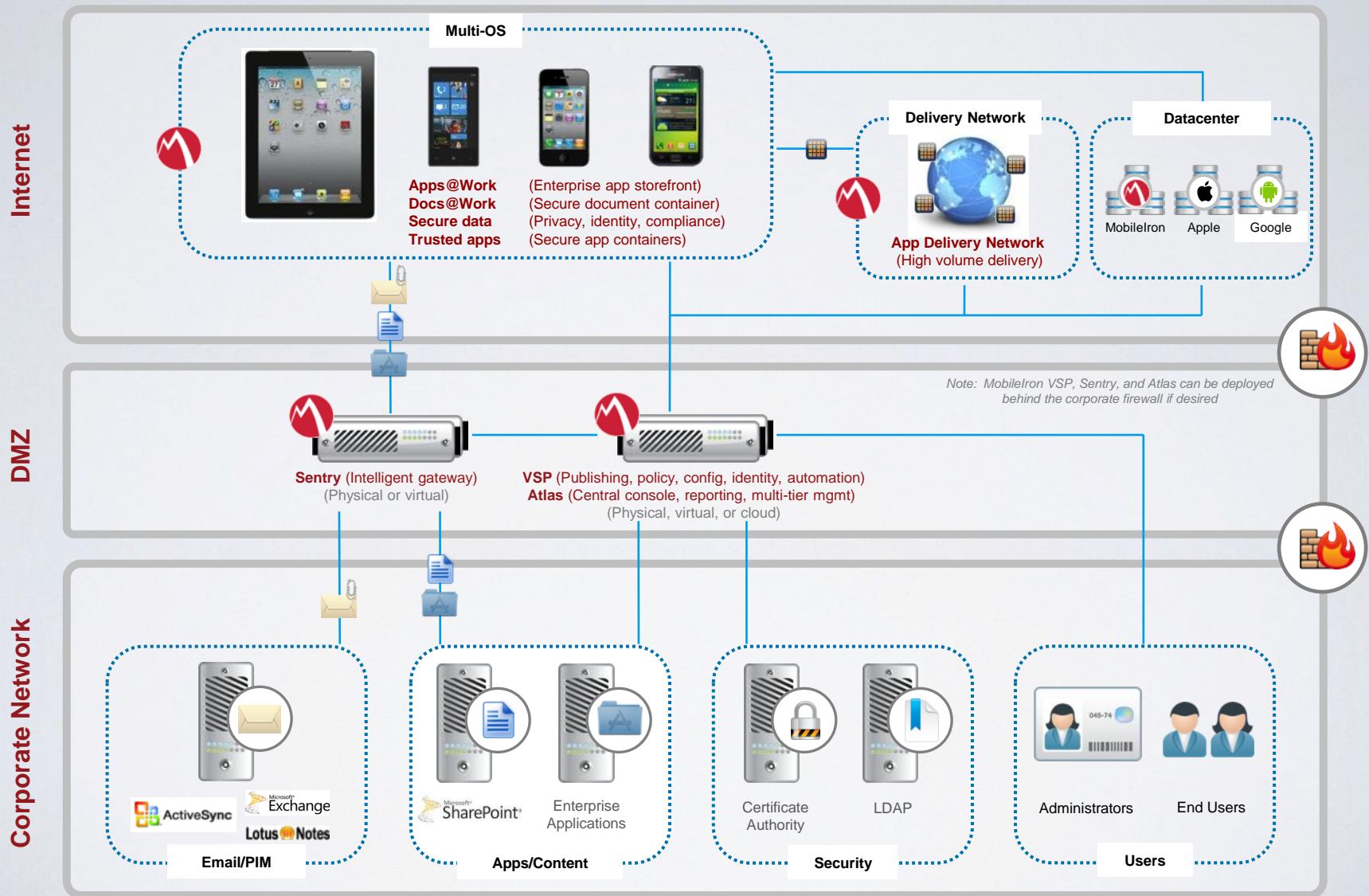
Enterprise Resources

# MobileIron Deployment





# MobileIron Architecture: Deployment



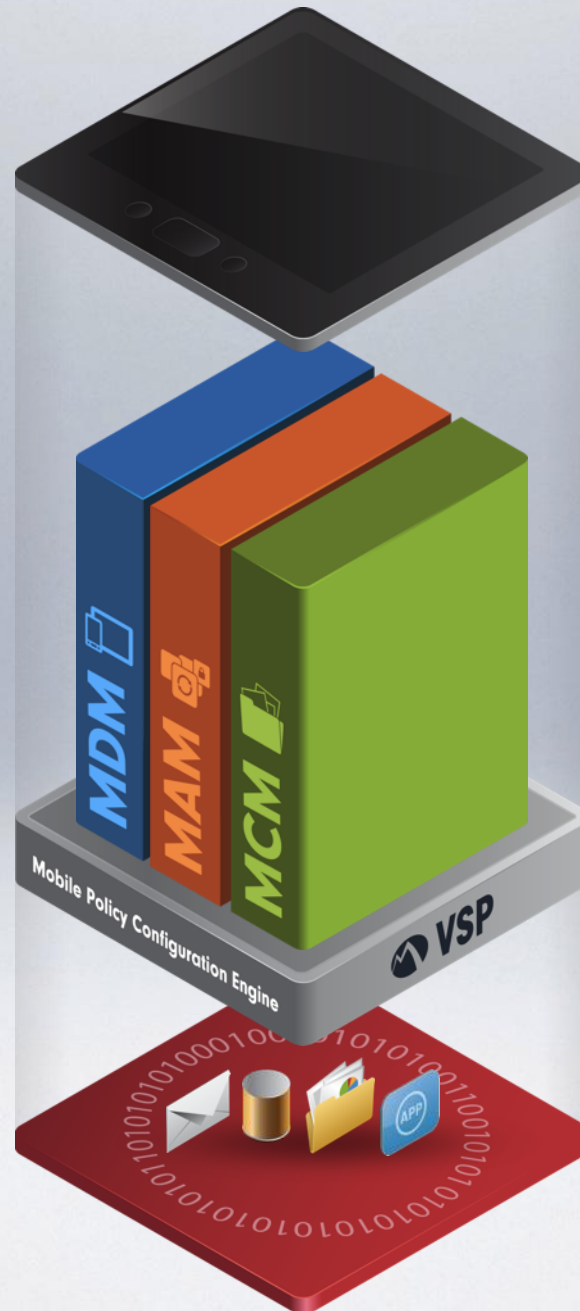
# MobileIron VSP Mobile Policies, Configuration Engine



# 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



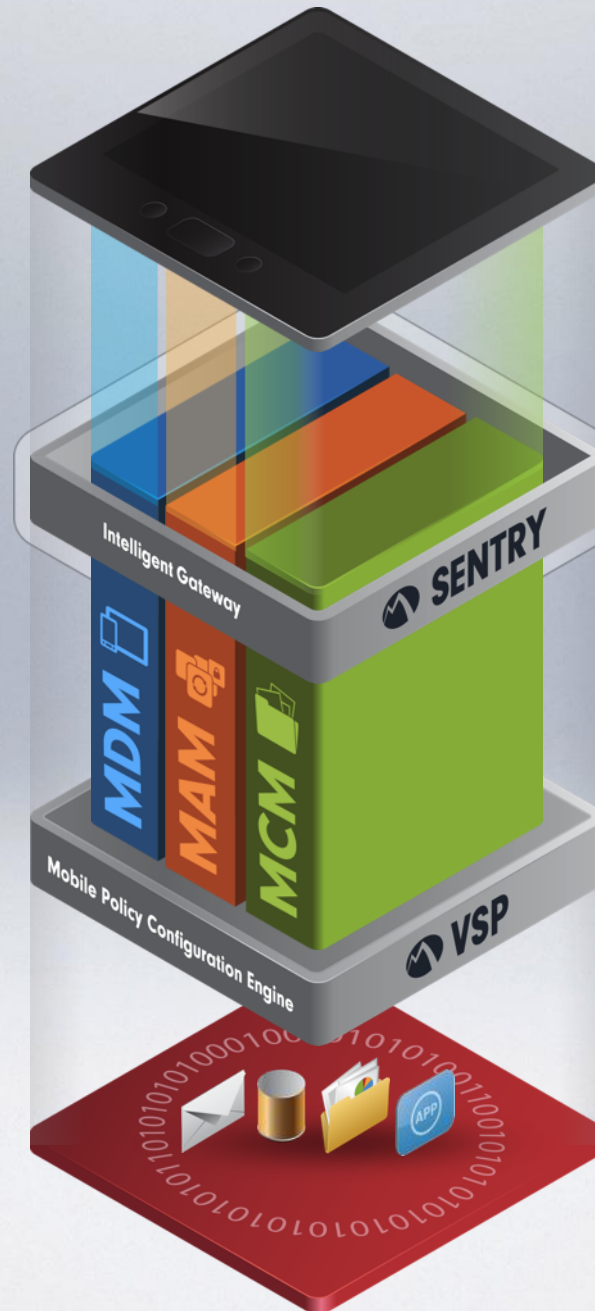
## MOBILE APP MANAGEMENT

- 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

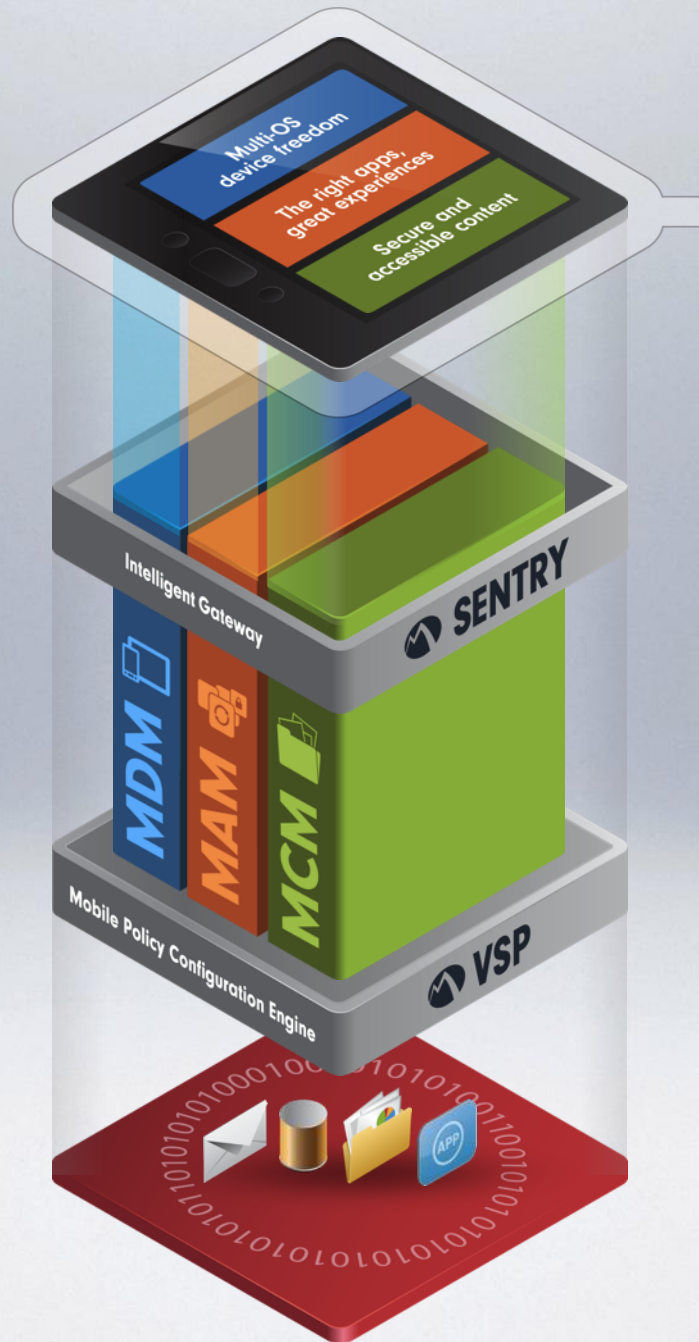
# MobileIron Sentry Security for Data and Apps in Motion



- 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

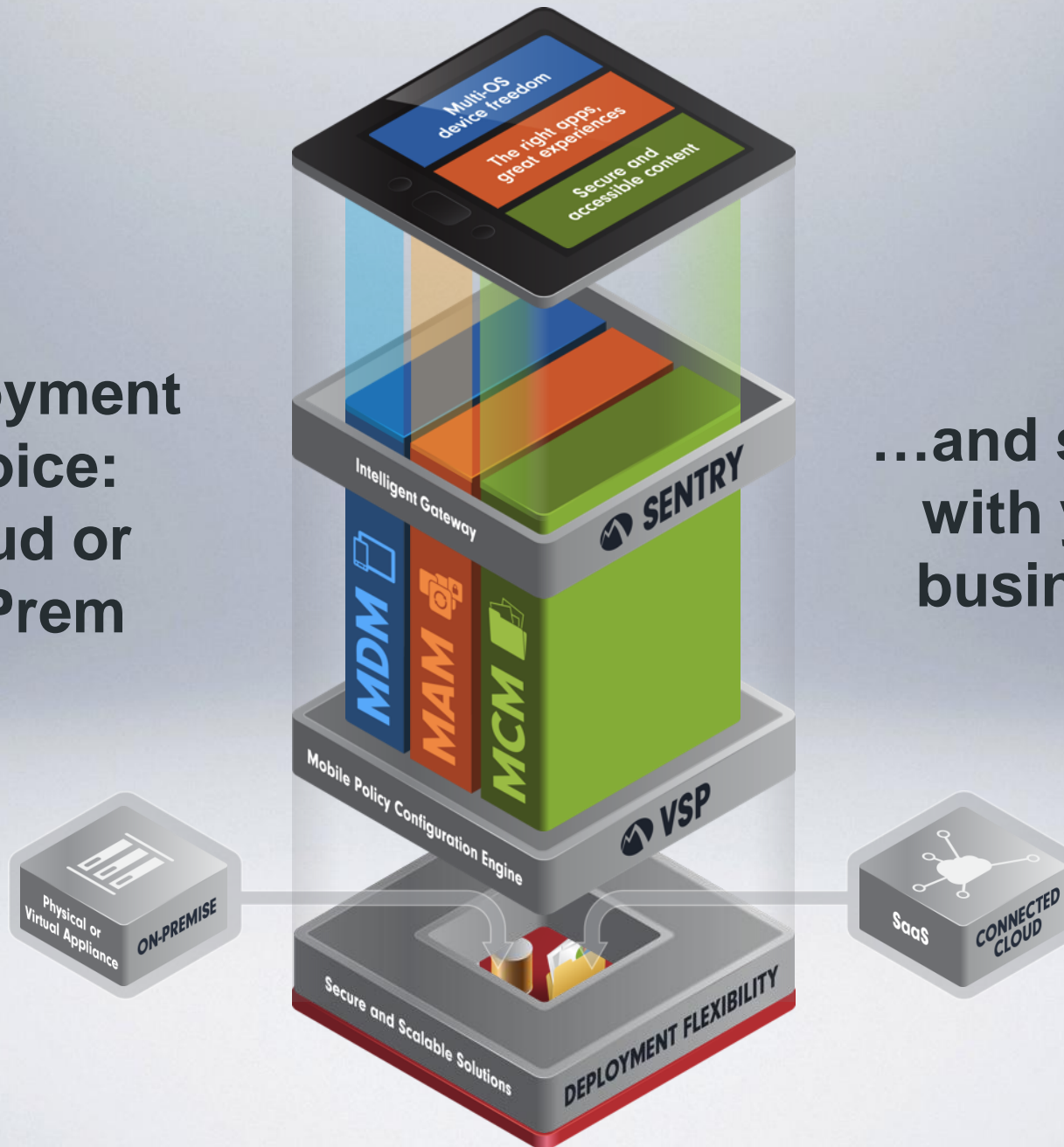


Secure Browser

- ✓ Native Experience
- ✓ Secure
- ✓ Separation Between Enterprise & Personal

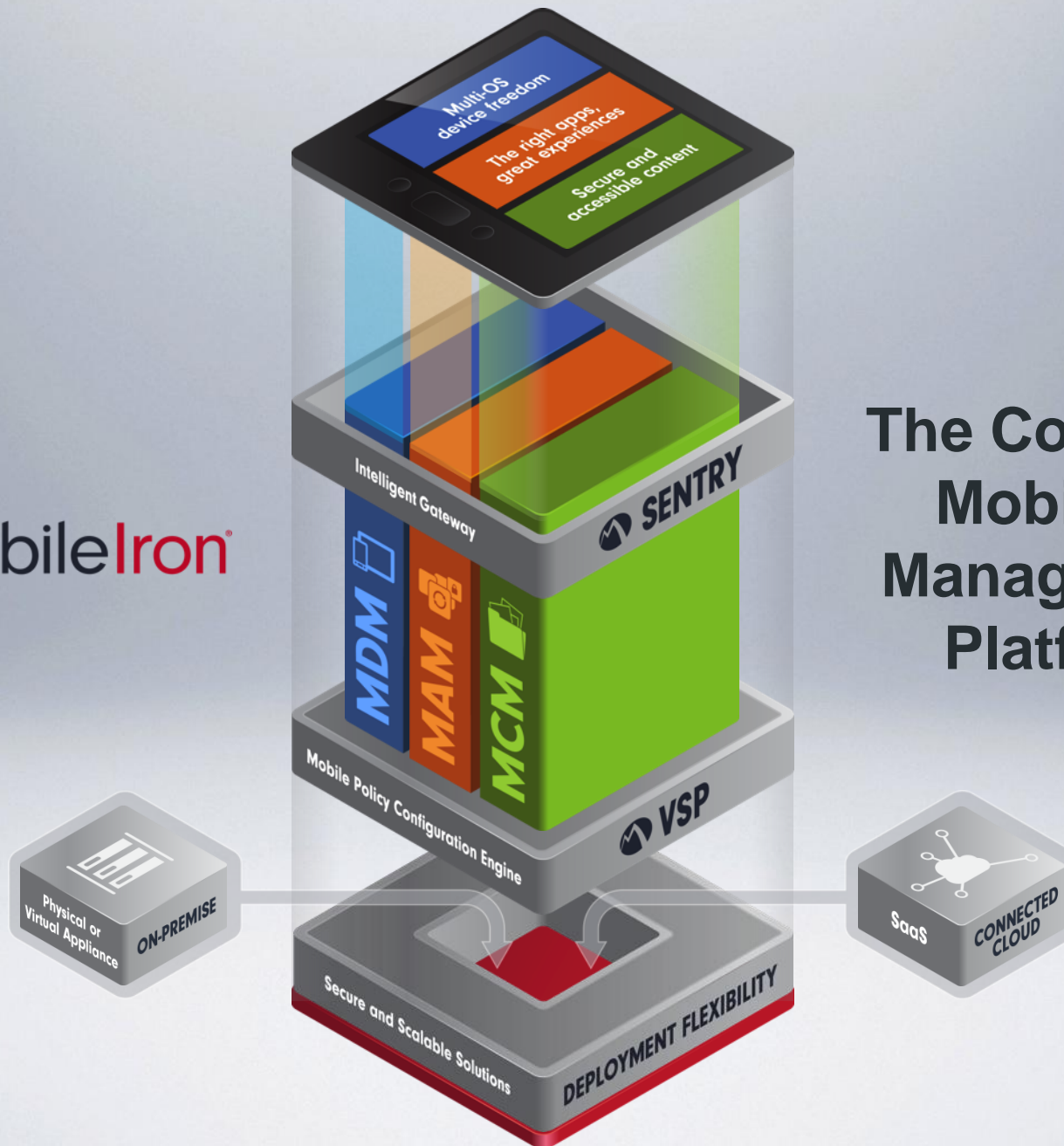


Deployment  
Choice:  
Cloud or  
OnPrem



...and scales  
with your  
business.





## 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 3<sup>rd</sup> 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



Welcome, 130886 | [Sign Out](#)



Search  



PDA 

 Add a Phone

**Please note:**  
In compliance with Apple's iOS SDK agreement, some MobileIron MyPhone@Work functionality may not be available.

**My Usage** 

Total minutes	N/A
Total texts	N/A
Total data	N/A
Dropped calls	N/A

**Lost Phone** 

Find It

Last known location


Lock It

Activate password

Wipe It

Erase content, settings

# MobileIron Admin

Welcome, miadmin | [Help](#) | [About](#) | [Sign Out](#)Admin Portal | [System Mgr](#)

USERS & DEVICESMOBILE ACTIVITY INTELLIGENCEAPPS & CONFIGSPOLICIESEVENTSTROUBLESHOOTINGSETTINGSLOGS

DashboardAll DevicesActiveSync DevicesBES DevicesRetired DevicesManage LabelsUser Management

ALL DEVICES

Lock | Wipe | More Actions | Labels: All-Smartphones | Search by User or Device | Advanced Search | Register Device | Bulk Register | Pending Device Report

User	Number	Phone	OS	Country	Status	Last Check-In	E/C	Operator	Language
hngu3	PDA	IPad 2	iOS		Active	4 m 45 s	E		English
hngu3	PDA 3	Not Available	Android		Pending		C		English
miadmin	PDA	Not Available	Android		Pending		E		English
test user	PDA	LG-LU6200 by...	Android 4.0		Active	287 d 14 h	E		English

Device Details

test user  
phuchuy86@yahoo.com  
PDA  
LG-LU6200 by LGE  
Android 4.0

RAM

253.52MB Free/774.33MB

Storage

907.67MB Free/1488.23MB

Status: Active

Policies

View Details

App Settings


Label Membership

Apps

2020: My Country 1.04.7062  
3D flip clock & weather 0.96  
3D flip clock & world weather widget theme ...  
Aces of the Luftwaffe 1.0.8  
Battle Towers 1.23  
Cafe 19+ 1.1.0  
Castle TD 1.2.1  
Chrome 26.0.1410.58  
com.mdc.vietradio 1.1  
Egg Shoot 3.2.8

18

# MobileIron System Manager



SETTINGSSECURITYMAINTENANCETROUBLESHOOTING

Network

Interfaces

Routes

DNS and Hostname

Static Hosts

Date and Time (NTP)

CLI

Syslog

Log Upload

SNMP

Email Settings

Port Settings

Data Purge

Services

Settings → Network → Interfaces

Physical Interfaces

Name	IP	Mask	ACL Name	Admin State
<a href="#">GigabitEthernet1</a>	199.127.89.195	255.255.254.0	None	Enable
<a href="#">GigabitEthernet2</a>	0.0.0.0	0.0.0.0	None	Disable
<a href="#">GigabitEthernet3</a>	0.0.0.0	0.0.0.0	None	Disable
<a href="#">GigabitEthernet4</a>	0.0.0.0	0.0.0.0	None	Disable

VLAN Interfaces

AddDelete

<input type="checkbox"/>	VLAN ID	IP	Mask	Physical Interface	ACL Name	Admin State
--------------------------	---------	----	------	--------------------	----------	-------------

# End-User Experience

---





Device Config  
and Docs@  
(Sharepoint)

Multi-User S

## Native Device Experience

# 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