

# Mobility and Profiles

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- Profiles
  - Format
  - Distribution
  - Management
- MDM
  - Ownership
  - Enrollment
  - Configure & Manage
  - The Solutions
  - MDM 2.0
- Deployment
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  - Creating the Master
  - Imaging Devices
- In The Wild
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- The Future So Bright...





# Profiles



# New World plists

- File Type .mobileconfig
- PList Standards
- iPCU is Your Friend
- Signed & Encrypted





# Distribution

- Wired
- Wireless
  - Hosted
  - Email





# Management

None Inherently  
Individually Controlled







# MDM



# Ownership

- PO: Personally Owned
- CO: Corporate Owned
- PE: Personally Empowered
- LD: Locked Down





# Enrollment

- Client Based
- Clientless
- Directory Service Aware





# Configuration

- OU & Security Group Aware
- Granular Policy Deployment
- Controlled Enrollment
- Mandatory, Optional & Interactive





# The Solutions

- Air Watch (6.5 & 7.0)
  - EMM, SEG, MAG
- MaaS 360
- Mobile Iron (5.7 & 6)
  - VSP, Sentry





# MDM 2.0

- Beyond Profiles & Policy
- App Level VPN
- Reverse Proxy Solutions
- Integrated Services







# Deployment



# Process

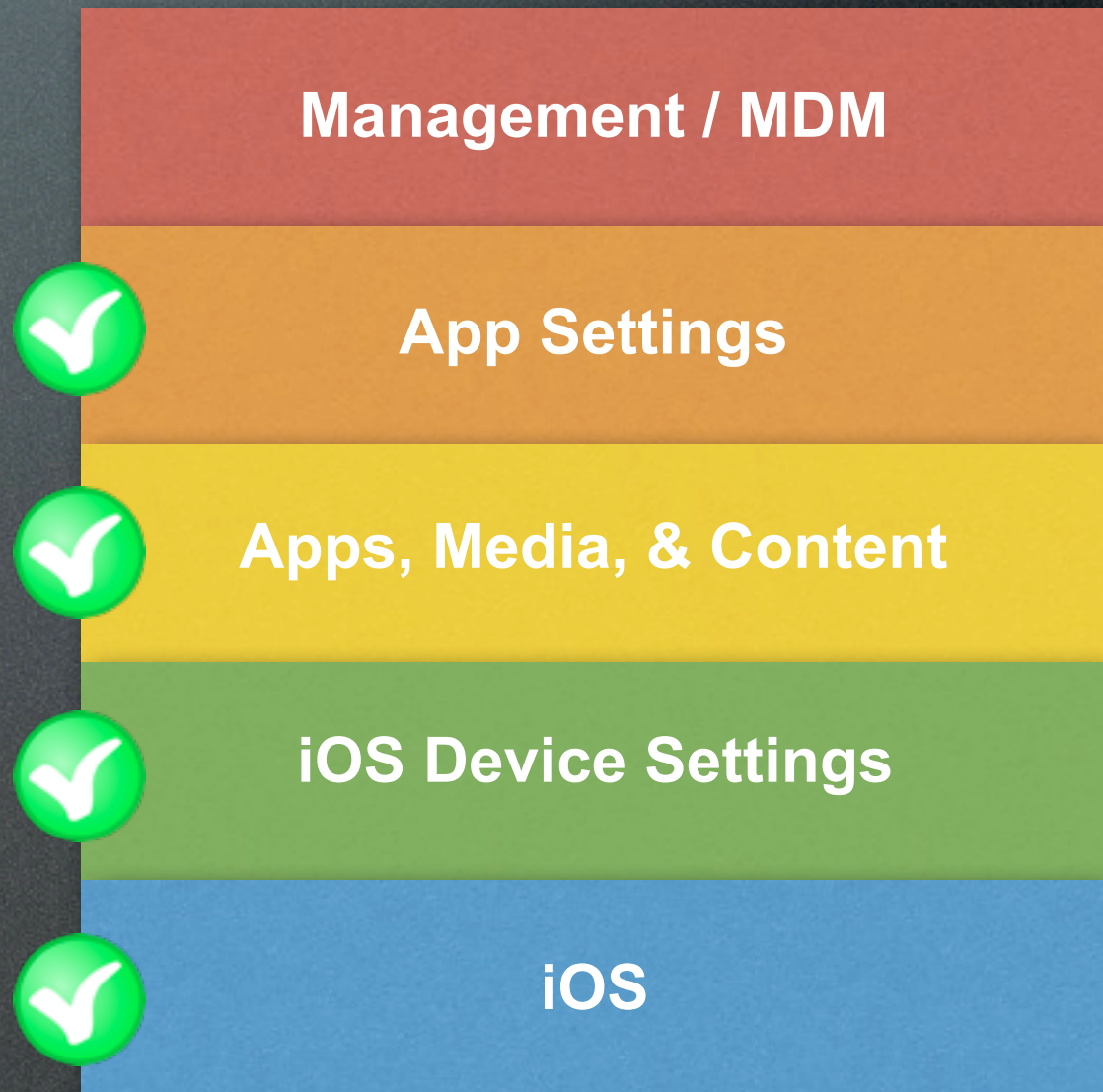
- Define the Deployment
- Define Empowerment
- Define Management





# Creating a Master

- Collect Content
- Sync Master
- Modify Settings
- Launch Configurator
- Restore> Backup...





# Imaging Devices

- Set Name
- Set Supervision
- Select iOS Update Option
  - Determine Erase
- Restore your Backup!
- Select Profiles
- Go!







# In The Wild

MACTECH



# Case Studies

- Construction Management
- Education
- Financial
- Grocery
- Retail
- Restaurant







Future's So Bright...

MACTECH



# Gotta

AirPlay

AirPrint

APN (depreciated)

Per-App VPN

App-to-Per-App VPN

App Lock

CalDAV

Calendar Subscription





# Wear

CardDAV

Cellular

Email

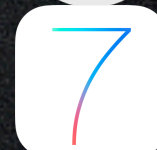
Exchange

FileVault Recovery Key

Font

Global HTTP Proxy

Identification





# Shades

LDAP

Passcode

Profile Removal Password

Restrictions

SCEP

Single Sign-On

System Policy Control

System Policy Rule





# (Really...)

System Policy Managed

VPN

Web Clip

Web Content Filter

Wi-Fi





# New Restrictions

- Account Modification
- AirDrop
- App Cellular Data
- Siri Access
- Find My Friends
- Fingerprint Lock
- Pairing
- Lock View & Controls
- Document Control
- Over The Air Public Key Infrastructure