Apple vs. Third Party Solutions

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IPCU (v3.5)

- "Patient 0" of Managing iOS devices

- Cross-Platform

- Easy to read

```xml
            <key>allowCamera</key>
            <true/>
            <key>allowCloudBackup</key>
            <true/>
            <key>allowInAppPurchases</key>
            <true/>
            <key>allowMultiplayerGaming</key>
            <true/>
            <key>forceEncryptedBackup</key>
            <false/>
            <key>forceITunesStorePasswordEntry</key>
            <false/>
        </dict>
        <dict>
            <key>AutoJoin</key>
            <true/>
            <key>EncryptionType</key>
            <string>Any</string>
            ...
            <key>SSID_STR</key>
            <string>Pretty Fly for a wi-fi</string>
        </dict>
```

IPCU Capabilities

- Devices

- Applications (In-House)

- Provisioning Profiles

- Configuration Profiles

What can we configure

- Restrictions
- Wi-Fi
- VPN
- Email
- Exchange
- LDAP
- CalDAV

- CardDAV
- Calendars
- WebClips
- Credentials
- SCEP
- MDM
- APN

vs

Thinking about the user

- Pre-configured device / settings
- IT provides access to services
- Changes by the user

Remember others

- Blackberry

- Android

- Windows Phone

- Symbian

- WebOS

BES

- Focuses on syncing info
- IT Policies
- Remote Wipe device
- Application Management
- Logging

Android

- Set device / patch levels
- Config Wifi, Email, Calendars, Passcode
- Application Management
- Provision shortcuts
- File-system access

Windows ActiveSync

- Passcodes

- Insight to device

- Push updates

- Recommend applications

Symbian

- Model and information about device
- Wipe devices
- Configure email settings

WebOS

- Password policy
- Device lock / wipe
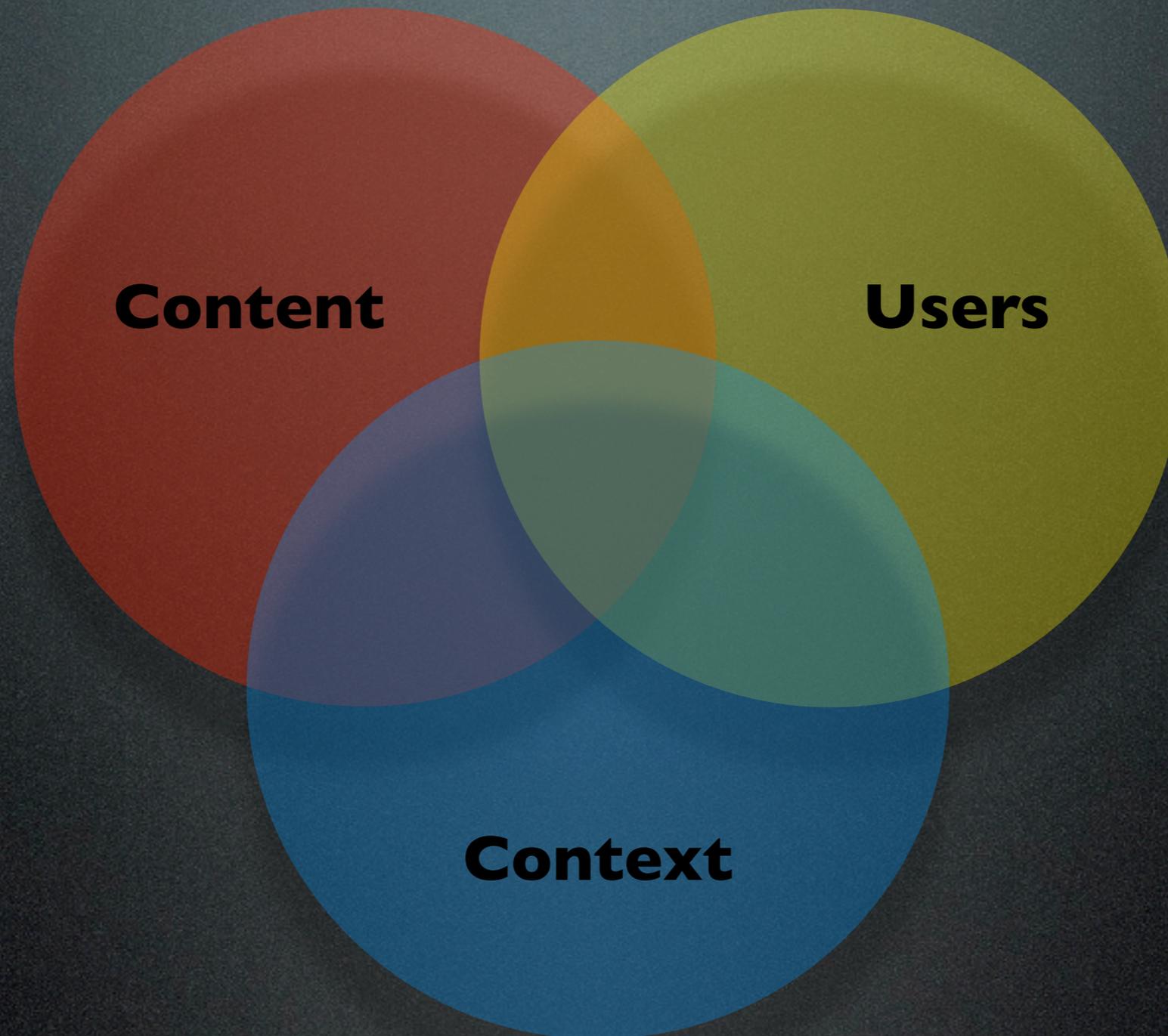
Ownership of device
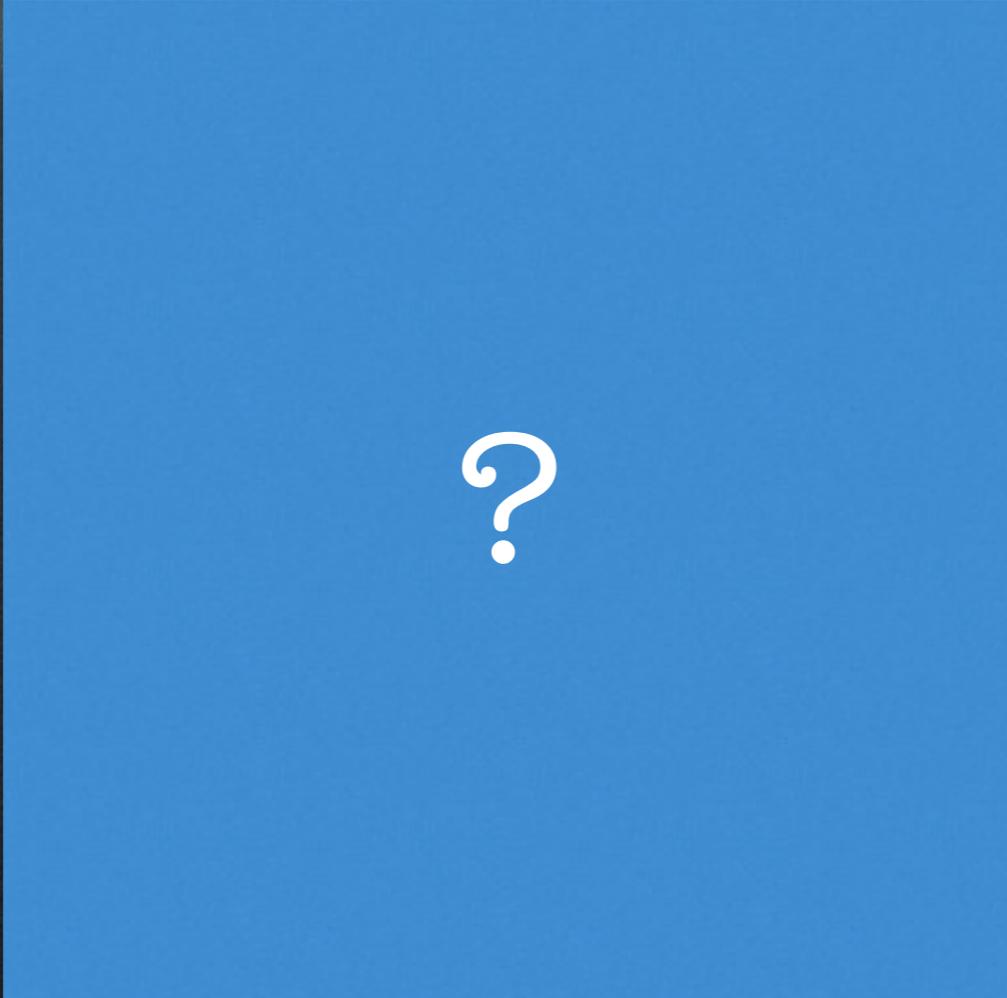
Product Interaction

- Platform specific
- Some solutions cross-platforms

Apple-Specific

Apple Configurator

- Builds on iPCU

- Focuses on deployment

- Adds in App Deployment

- Can prevent iTunes sync

- Ability to workflow MDM enrollment

Configurator Workflow

When to use which

- Dependent on org needs
- Security
- Data Privacy

Apple vs MDM

- Apple tools (IPCU & AC) are not OTA
- All-or-nothing Management
- IPCU / AC is just iOS
- Security?
- BOYD
- App Ownership

When IPCU?

- Small device population

- Don't need OTA or profiles

- No / Low security

Why MDM?

- Robust systems

- Cross-OS

- High Device insight

- App Self-Service & Licensing Compliance

- Multi-tiered admin

- Dynamic changes

- Leverage Directory Services

MACTECH

Device Insight

- Inventory
- Warranty
- Space utilization

How do tools handle

- Lost / Stolen Devices
- HR Changes
- Not returned
- Ownership models

Shopping for a Solution

- Organizational needs
- Feature sets
- Looking forward

When shopping

- Organizational needs
- Flexibility across platforms
- Questions for vendors
- Objectivity
- Enterprise iOS

Resource List

- http://enterpriseios.com/wiki/Apple_Configurator_vs_MDM

- http://enterpriseios.com/wiki/Comparison_MDM_Providers

- iPhone Configuration Utility v 3.5 for Mac OS X http://support.apple.com/kb/DL1465

- iPhone Configuration Utility v 3.6 for Windows (9/24/12)http://support.apple.com/kb/DL1466

- http://itunes.apple.com/us/app/apple-configurator/id434433123?mt=12

Resource List (continued)

- enterpriseios.com/wiki/Apple_Configurator_vs_MDM

- http://enterpriseios.com/wiki/Comparison_MDM_Providers

- iPhone Configuration Utility v 3.5 for Mac OS X http://support.apple.com/kb/DL1465

- iPhone Configuration Utility v 3.6 for Windows http://support.apple.com/kb/DL1466

- Apple Configurator http://itunes.apple.com/us/app/apple-configurator/id434433123?mt=12

Resource List (continued)

- appleid@apple.com

- http://developer.apple.com/library/ios/featuredarticles/iPhoneConfigurationProfileRef/iPhoneConfigurationProfileRef.pdf

- http://www.apple.com/business/vpp/

- http://www.apple.com/education/volume-purchase-program/