

IPCU vs. Third Party Solutions

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IPCU (v3.5)

- “Patient 0” of Managing iOS devices
- Cross-Platform
- Easy to read




```
<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



Configuration Profiles

- What do they provide
- Easier ownership
- Why restrict
- Not always restrictions



What can we configure

- Restrictions
- Wi-Fi
- VPN
- Email
- Exchange
- LDAP
- CalDAV
- CardDAV
- Calendars
- WebClips
- Credentials
- SCEP
- MDM
- APN





VS



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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

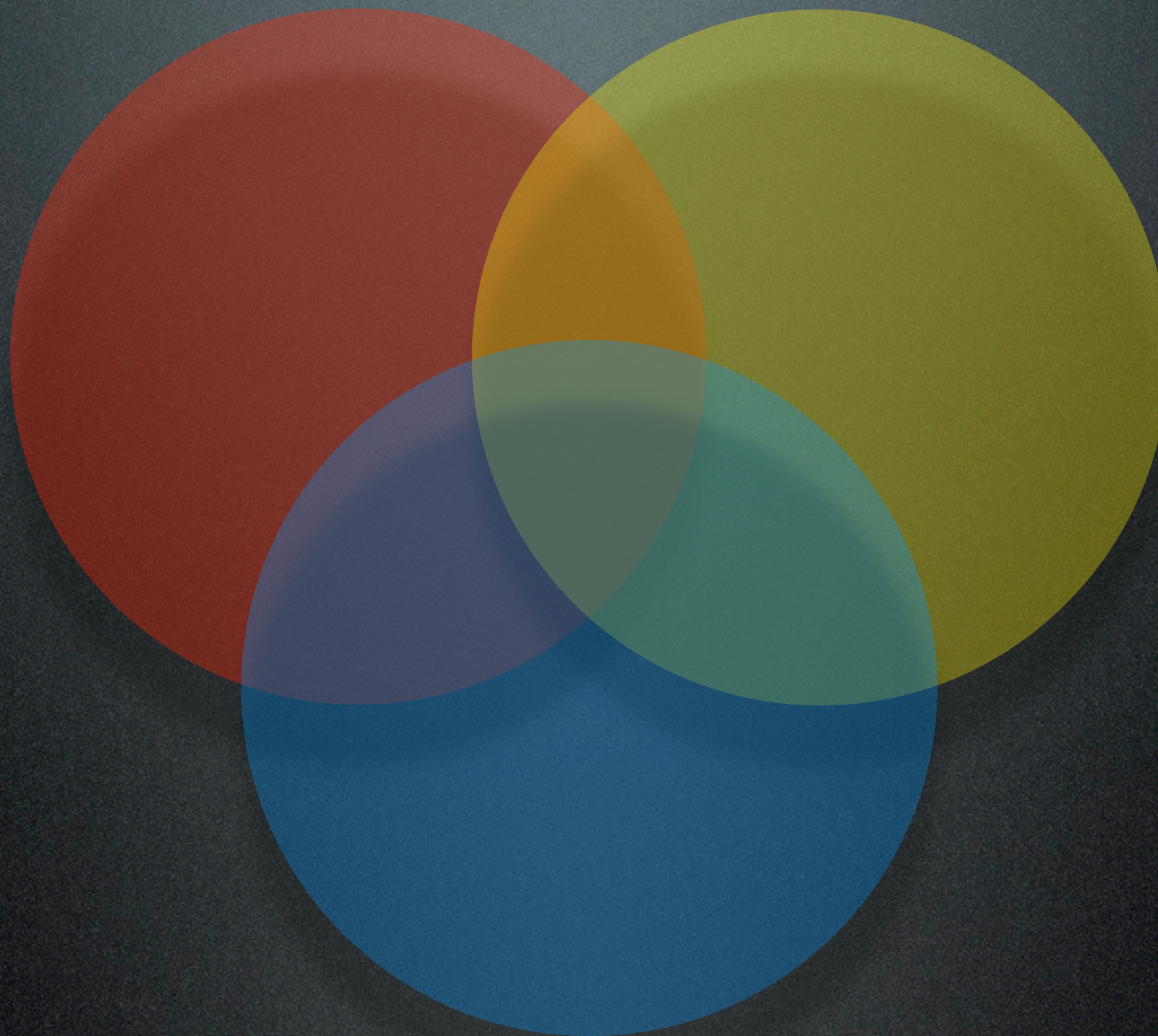
- Passcodes
- Insight to device
- Push updates
- Recommend applications

Symbian

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

WebOS

- Password policy
- Device lock / wipe



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Ownership of device



?

Product Interaction

- Platform specific
- Some solutions cross-platforms

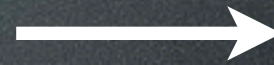
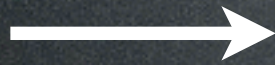
Apple-Specific



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



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

Looking forward

- Platform de-standardization
- Enabling service access
- Ownership

Q&A

