

Class Project 2 - Managed iPad Device

Assignment Details

Automata Technology Services LLC

Revision 2.0

Scenario

You have been tasked with creating a managed deployment of iPads for a local high school. The devices must be assigned to students in a 1:1 method and provide the required applications and books along with a wallpaper representing the school's mascot. The devices will be deployed new out of the box so they must be pre-assigned by serial number to individual students and the student should be able to step through a limited set of Setup Assistant options using an assigned Managed Apple Account.

Required Assets

- Custom wallpaper file with the school's mascot in PNG or JPG format and under 2MB in size.
- Custom icon with the school's logo in PNG or JPG format at 1024 x 1024 pixels in size.

Required Organization Changes

- Managed Apple Account and User Account in Apple Business Manager
- User Account in Mosyle MDM with matching Managed Apple Account
- Device Group in Mosyle MDM for student iPad devices

Device Configuration End-State

- Skip these Setup Assistant Screens
 - Location Services
 - Restore from Backup
 - Restore Completed
 - Terms and Conditions
 - Apple Pay
 - App Analytics
 - DisplayTone
 - Screen Time
 - Software Update
 - Software Update Completed

- Privacy
 - iMessage Activation
- iPad Network Configuration
 - WiFi Network for School's WiFi (SSID for students) set to auto-join.
- iCloud Drive configured for Managed Apple Account
- Enforce Minimum Passcode Requirements
 - Force a passcode
 - Complex passcode required
 - Minimum 6 passcode characters
 - Require at least 1 special character
 - Force passcode change every 90 days
 - Passcode History of 3 unique passcodes
 - Max grace period for device lock: Immediately
 - Max 5 failed attempts for before device self-erases.
- Install these Required Apps:
 - Pages
 - Keynote
 - Numbers
 - YouTube
 - Canvas Student
- Assign these Required Books:
 - Pages User Guide for iPad
 - Keynote User Guide for iPad
 - Numbers User Guide for iPad
- Device Restrictions
 - Do not allow device name change
 - Do not allow wallpaper change
 - Do not allow manual restrictions
 - Do not allow erotic content in iBook Store
 - Do not allow in-app purchases
 - Movie restriction to PG-13
 - TV restriction to TV-14
- Block the following Social Media Apps
 - Facebook
 - Instagram
 - Snapchat
 - TikTok
 - Twitter
 - Discord
- Limit Adult-content on the web
- Wallpaper on Home Screen and Lock Screen features mascot
- Lock Screen provides an 'if found return to school' message
- Web Clip on Home Screen that links to School's Homepage.
- Rename the Device to include the User Managed Account and Product ID