How to Deploy a 1:1 iPad Program in Education
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Apple in Education
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90% iPad U.S. market share of tablets in education

5,000,000+ New Mac and iPads shipped globally into education each year since 2011

80,000 Number of education apps in the Apple App Store

Sources: IDC, Apple.com
Why iPad in Education?

iPad has the most content: Apps, Books

iPad offers a rich & engaging user experience

iTunes U: Free lesson planning platform

iOS is easy to manage with the Casper Suite
The Digital Classroom

Transform Learning

Student Centered

Teacher as “Activator”

“Any Pace” added to “Anytime, Anywhere”
Common iPad Deployments

One to One

Shared Use

Student Owned
Why One to One?

Equity

Personalization

Ecosystem

Teacher Acceptance
Steps needed for a One to One Deployment
What is the Casper Suite?
What is the Casper Suite?
What is the Casper Suite?
Prepare

Sign Up for Apple Deployment Programs

DEP: Device Enrollment Program

VPP: Volume Purchase Program

Apple ID for Students

http://deploy.apple.com
Setting up DEP

Manage Servers
Apple ID Strategy

Apple ID = email address + password

Individual Apple IDs are recommended

Not mandatory, but very nice to have

Sign up for Apple’s Under 13 program
Apple ID for students under 13.

Easy setup for schools and parents.

Students under the age of 13 can get an Apple ID through the Apple ID for Students program. Apple provides an online resource to obtain verifiable parental consent at the request of a school. Once consent is received, parents can set up an Apple ID for their student and gain access to information about the use of the Apple ID and any associated data.

Setup for a lifetime of learning.

Once students reach the age of 13, their Apple ID converts to a full account with full rights and privileges. Students can continue to access any classwork, notes, books, or apps associated with their Apple ID.
Prepare

Wi-Fi & Networking

Casper Suite talks to devices over your network

Ensure strong bandwidth and coverage

Choose how you host the JSS
Link Casper Suite to Deployment Portal
Linking DEP to Casper Suite
Configure Apps & Books
Deploy Manage
Build Configuration Profiles

Acts like a “recipe” for iPad settings
Wi-Fi, Email, VPN, etc.
Security and Restriction Settings
Build different profiles for different groups
Configuration Profiles

[Image of a configuration profile screen with options and settings]
Supervise Devices

Supervising enables deeper management

Required for Casper Focus

Accomplished via DEP

Alternatively, use Apple Configurator
Apple Configurator

- **Supervision:** ON
- **Name:** Factory Default
- **Update iOS:** When update is available, Erase before installing
- **Restore:** Don't restore backup
- **Profiles:** No Profiles, option to add a profile

Hello
DEP Settings

- Supervise Devices: Devices will be supervised.
- Make MDM Profile Mandatory: Require the user to apply the MDM profile.

Steps to Skip:
The selected items will be skipped in the Setup Assistant.
- Location: User will not be presented with the Location Services screen.
- Restore: User will not be presented with the Restore options screen.
- Apple ID: User will not be presented with the Apple ID screen.
- Terms of Service: User will not be presented with the Terms of Service screen.
- Siri: User will not be presented with the Siri screen.
- Diagnostics: User will not be presented with the Diagnostics screen.
Volume Purchase Program

Apple’s web portal to purchase Apps in bulk

2 Different methods to purchase:

Managed Distribution - retain ownership

Redeemable Codes - transfer ownership
Deployment Programs

Enroll your organization in the:
- Device Enrollment Program
- Volume Purchase Program
- Apple ID for Students

Don't have an account? Enroll Now

Sign In

john.applesed@example.com

Login

Forgot your Apple ID or Password?
Volume Purchase Program

Purchase Details
- **Evernote**
  - by Evernote

**Managed Distribution**: Free apps are only available in bulk using managed distribution. Assign apps to users on iOS 7 or later or on OS X 10.9 or later using a Mobile Device Management (MDM) solution, such as the latest version of Apple Profile Manager. You retain ownership of apps only, allowing you to revoke and reassign them as needed. [Learn More](#)

**Evernote**
- **By Evernote**

**Description**
Evernote for iPhone, iPad, and Apple Watch is the modern workspace that helps you be your most productive self. You’re on the path to something big — Evernote is where you do the work to achieve it.
VPP Web Store

Volume Purchase Program

Order Summary

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evernote</td>
<td>Free iOS App</td>
<td>10</td>
</tr>
</tbody>
</table>

Distribution Type: Managed Distribution

Assign apps to users on iOS 7 or later or on OS X 10.9 or later using a Mobile Device Management (MDM) solution, such as the latest version of Apple Profile Manager. You retain ownership of apps only, allowing you to revoke and reassign them as needed. Learn More

You will be notified by email once your order has been processed. You can check the status of your order at any time in your Purchase History.
Your order is complete.

You will be notified by email when your content is ready for distribution.

You can also check on the status of your order in Purchase History on your Account Information page.

Purchase History →
Invite your users, then assign Apps
VPP Invitations

VPP Invitations for Students
App Deployments
What is Self Service?
What is Self Service?

- Push Notifications
- Apps linked to VPP
- eBooks and PDFs
- Directory Authentication
- Approved Apps
- Configuration Profiles
Step 1 Prepare
Step 2 Configure
Step 3 Apps & Books
Step 4 Deploy
Step 5 Manage
Plan your big day

Use a large area - like the gymnasium

Consider using multiple stations

Give staff & volunteers matching t-shirts

Don’t forget about the empty boxes
Hand out your devices

Credit to North Raleigh Christian Academy, who distributed over 1000 iPads to students in grades 4-12 using Casper Suite
Enroll your devices

iPad boots up
Setup Assistant begins
Wi-Fi Network selected
DEP Automatic Enrollment
Optional Directory Services login
Configuration Profiles Installed
Apple ID Login / Creation
Additional setup steps

Setup Assistant completes
Home screen rearrange tip
Login with Apple ID password
Self Service automatically installs
VPP Invite is received
Additional Apps installed
Manual Enrollment

Known as “User-Initiated Enrollment”

Can be done via an unique URL

MDM profile is downloaded

Configuration Profiles and Apps download
Enable End Users

Update Self Service often

Communicate via Push Notifications

Customize the JSS with reports

Additional Webinar:
Enabling IT to Empower Users - online at jamfsoftware.com
Casper Focus — Helping Teachers Manage the Digital Classroom

- Free App with the Casper Suite
- Regain instructional time
- Improve classroom transitions
- Conduct secure exams

Additional Webinar:
Casper Focus — Helping Teachers Manage the Digital Classroom
The Apple Management Experts

Whether you’re just getting started with Mac, iPad, and iPhone in your organization—or have tens of thousands already—we can help you inventory, deploy, and secure each one with ease.

Manage Apple in any environment with the Casper Suite

Contact Us

Download the White Paper
Thank you