

MLTI

Assign Apps to MLTI Devices

Updated January 31, 2018

Summary:

This document describes the process to purchase iOS and macOS app licenses to install apps directly on MLTI devices without user intervention and without the need for an Apple ID. When a school purchases macOS or iOS app licenses, they can assign and revoke the apps through the JAMF management system provided by MLTI.

Requirements:

- Apple School Manager Content Manager account or Volume Purchase Program (VPP) account credentials
- District JAMF instance administrator credentials

NOTE: This document assumes that enrollment in [Apple School Manager](#) has been completed. If your institution has already enrolled in Apple School Manager, you can add Content Managers who can acquire content to distribute. If your institution has not enrolled in Apple School Manager, you can start the enrollment process at school.apple.com.

Step 1 - Purchasing VPP Credit

If you have already purchased VPP Credit or only need free apps, skip to Step 2

1. Sign in as your school at the [Apple Store for Education](#).
2. Go to the Solutions & Offerings tab, select Volume Purchase Program Credit from the dropdown menu.
3. Choose Volume Purchase Program Credit for Education. Enter the amount, VPP Content Manager name, institution name, and VPP account holder email address.

NOTE: Please ensure that you have entered the email address of the registered Content Manager who will be redeeming the credit. Registration in the Volume Purchase Program is required to purchase and redeem VPP Credit.

4. A VPP Credit code will be emailed to the VPP admin within 24 hours of the purchase date. Follow the steps to retrieve your VPP Credit code and have it ready for the next step.

Step 2 - Redeeming VPP Credit & Purchasing Apps

If you have already redeemed VPP credit and purchased apps, skip to Step 3

Redeeming VPP Credit:

Once credit has been purchased, the Content Manager will need to redeem the credit in [Apple School Manager](#).

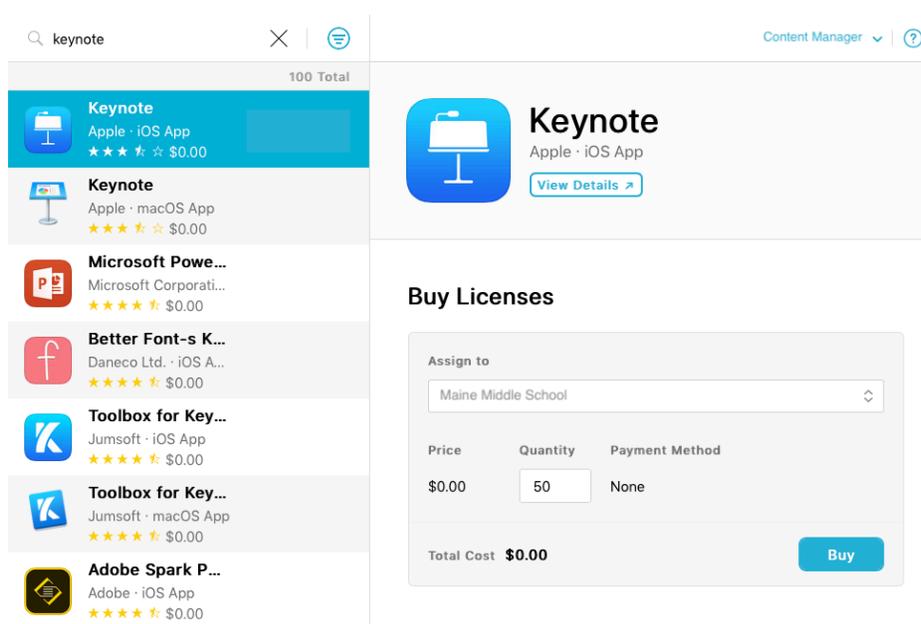
1. Go to [Apple School Manager](#) and log in with the Content Manager Apple ID.
2. In Settings > Apps and Books, click the Redeem button beside Store Credit.
3. Enter the code provided in the email from Step 1 and click the Save button.

Purchasing Apps

To find and purchase apps in [Apple School Manager](#), go to Apps & Books. In the search field at the top of the page, enter the name of the app you want to purchase.



Search results will populate below the search bar. Select the specific app you want to purchase. Note that app titles are often very similar and may have iOS and macOS options. If you have the App Store URL of an app, you can paste that into the search field to return the specific app you are looking for. Select the location (if applicable) and quantity and click the BUY button.



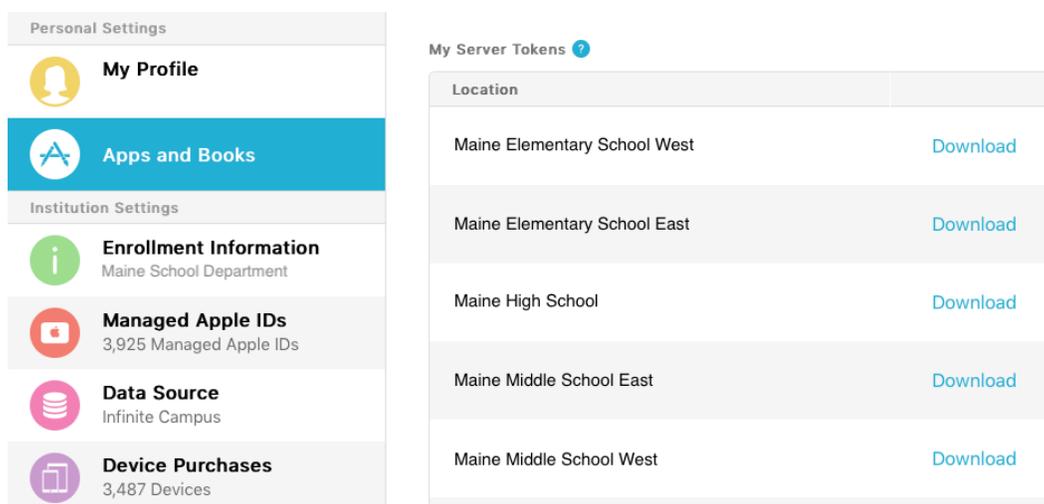
Step 3 - Adding VPP Token to JAMF

If you have already added your VPP token to JAMF, skip to Step 4

To manage VPP apps through JAMF, a VPP token must be downloaded from Apple School Manager and added to your Jamf Pro instance.

NOTE: Your VPP token can only be used in one Mobile Device Management (MDM) system, like JAMF, at a time. If you attempt to upload a VPP token that is already in use by another MDM or to a second school site within the same MDM, any assigned apps will be revoked from devices at the previous school site. You can create additional Content Managers for each school site at Apple School Manager. Each location has a unique token that can be used for each unique site or MDM.

1. In Apple School Manager, go to Settings > Apps & Books and choose the server token for the location you need and click Download. This will download your VPP token to your local device.



2. Log in to your district Jamf Pro instance with your admin credentials. Click the gear in the upper right corner. Under Global Management, click VPP Accounts.
3. Click the +New button to add a new VPP account. Add a display name (required) and contact name.
4. Upload the VPP token you downloaded in the previous steps by clicking the Upload Service Token button and browse to the folder where the VPP token was downloaded.
5. Enter the Managed Apple ID associated with the VPP Account (This is not required, but recommended.)
6. The option to *Populate Purchased VPP Content* is checked by default. When checked, Jamf will automatically populate purchased VPP content in the App Catalog.

Populate Purchased VPP Content
Populate purchased VPP content in App and eBook Catalogs

7. The option to *Notify users when an app is no longer assigned to them* is also checked by default. When checked, users receive a notification on their mobile device when an app is no longer assigned to them. You can uncheck this if you do not want users to be notified.

Notify users when an app is no longer assigned to them
Display a notification to users on their mobile devices when an app in a user-based VPP assignment is no longer assigned to them

8. The option to *Automatically register with VPP if users have Managed Apple IDs* is not checked by default. If you leave this box unchecked, users will need to accept a VPP invitation with their Apple ID. This does not apply to device-assigned apps, but does apply to

books purchased through Apps and Books in Apple School Manager as they must be assigned to a user and not a device and can not be revoked from the Apple ID.

Automatically register with VPP if users have Managed Apple IDs
Automatically register users that have Managed Apple IDs so they do not receive a VPP invitation and are not prompted to register with VPP

You can assign a token to a specific site within Jamf Pro if you are using the Sites option. Here are some considerations when assigning a VPP token to a specific site:

- A VPP token assigned to a site can only assign apps to devices also assigned to the same site. If you are using Sites in Jamf Pro and want the ability to assign apps to devices across sites, set this to None.
- The site assigned in Jamf Pro is not required to be the same as the location defined in Apple School Manager for that token.

SITE Site to add the account to

None ▾

Once your settings are satisfactory, click Save in the lower right corner.

When you purchase additional apps, it may take some time for JAMF to reflect your recent purchases. You can manually update JAMF by going to: Mobile Devices (or Computers) > Management Settings > Global Management > VPP Accounts and selecting your VPP Account.

Once there, select Content, iOS or Mac App and then click the Refresh button beside the app or click the Update Purchased Content button and search for the new app you have recently purchased. JAMF will add your new purchases to the list.

Settings > Global Management > VPP Accounts >

ProjectOffice_CA_VPP

Details Content

	iOS App	Mac App Store App	eBook	
NAME	TOTAL	IN USE	REPORTED	
Numbers	130	17	130	Refresh
SketchBook Express for iPad	30	0	30	Refresh
MyScript Calculator - Handwriting calculator	230	1	230	Refresh
TED	40	0	40	Refresh
iMovie	130	17	130	Refresh

Once your purchases are reflected in this list, you can move to Step 4 to assign the apps to devices or device groups.

Step 4 - Assigning Apps to Devices or Device Groups

Once you have completed your purchase of apps in Apple School Manager, it can take a few minutes for the app to appear in your app catalog in Jamf Pro. You can manually add the app if it doesn't appear.

You can set the app to be automatically installed on specific devices or make them available through Self Service. We recommend building static or smart groups and scoping apps to those groups.

A **Static group** is a collection of devices that have been manually selected from a list. The list does not change unless a Jamf administrator adds or removes devices from the list.

A **Smart group** is a collection of devices based on certain criteria specific to the devices, e.g., OS version, battery level, or enrollment method. Since these criteria can change at any moment, devices are automatically added or removed from the group after reporting inventory.

The process for creating groups and deploying apps is very similar for iOS devices and macOS computers. iOS devices, iOS device groups, and iOS apps are managed in Devices. macOS computers, computer groups, and macOS apps are managed in Computers.

The following steps are specific to assigning a macOS app to a computer group, but the steps are the same for assigning iOS apps to mobile device groups.

Assign an app to a Computer group:

- Go to Computers and click Mac App Store Apps.
- Select the app in the list or use the filter to locate the app you want to deploy.
- Click the Edit button in the lower right corner.
- Under Distribution Method, choose *Install Automatically/Prompt Users to Install* to automatically install the app or *Make Available in Self Service* to allow users to install when they need it.

DISTRIBUTION METHOD Method to use for distributing the app

Install Automatically/Prompt Users to Install ▼

- To set which computers will install the app:
 1. Click the Scope tab
 2. Click the Target button
 3. Choose Specific Computers from the Target Computers drop-down box.
 4. Click the +Add button

Apple Configurator 2

General **1 Scope** VPP

2 Targets Limitations Exclusions

3 TARGET COMPUTERS
Computers to distribute the app to
Specific Computers

TARGET USERS
Users to distribute the app to
Specific Users

Selected Deployment Targets **4 + Add**

TARGET	TYPE
No Targets	

5. Under Add Deployment Targets choose Computer Groups
6. Click Add beside the groups or groups you want to add.
7. Click the Done button in the upper right corner.

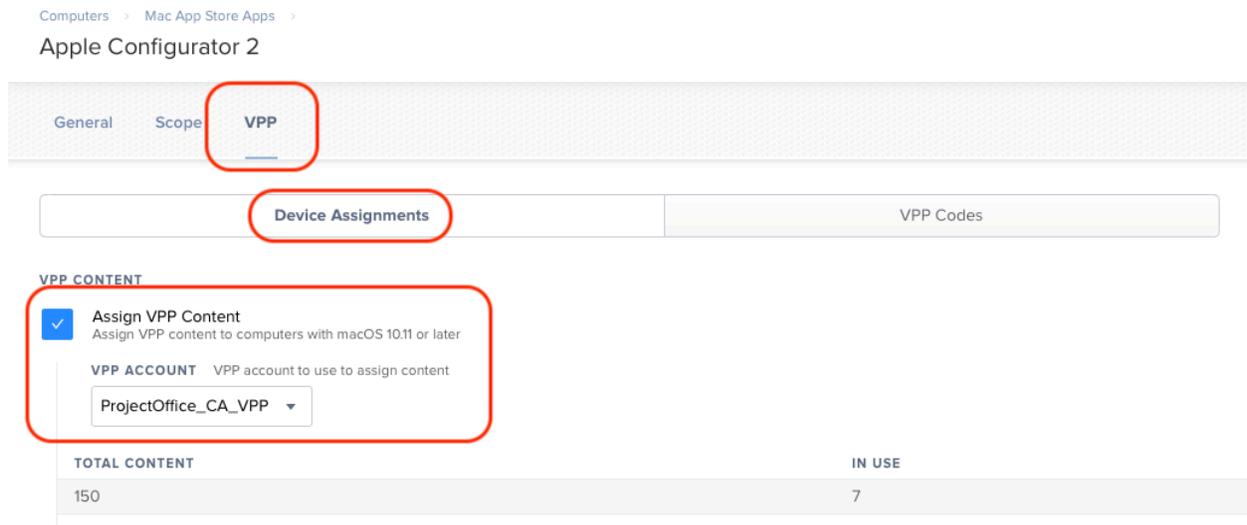
Add Deployment Targets **7 Done**

Computers **5 Computer Groups** Users User Groups Buildings Departments

Filter Re 1 - 8 of 8

GROUP NAME	
All Managed Clients	Add
All Managed Servers	Add
Lindsey's SC MacBooks	Add
Home Computers	Add
Firefox not updated	Add
My Test Devices	Add
Test MacBooks	Add
Tech Team Devices	6 Add

- Click the VPP tab. Check **Assign VPP Content** and select your VPP account. **NOTE:** This step is **REQUIRED** in order to use device-based app installation.



- If you selected Self Service as the distribution method, you will see a Self Service tab. This tab gives you some additional options on how the app is displayed in the Self Service portal on the device.
- Click Save.

Once you click Save, JAMF will begin the process of assigning and installing the apps on the scoped devices. Devices will need to be unlocked and have an active internet connection in order for app installation to take place. App installation times may vary.

Note: Making an app available in Self Service requires VPP licenses if you want users to be able to install apps without an Apple ID. Ensure that you have enough licenses to cover the number of devices in scope for the app.

If you have any questions or issues with this process, please escalate by calling the MLTI AppleCare Help Desk at 800-919-2775 and use the pin# 4MLTI.