



# Sync All Devices

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 JAMF Software, LLC

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JAMF Software has made all efforts to ensure that this guide is accurate.

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# Overview

The Sync All Devices application provides an easy way to sync multiple iOS devices with iTunes® simultaneously.

If your organization participates in Apple's Volume Purchase Program (VPP) and uses the JAMF Software Server (JSS) to track VPP codes, you can also use the Sync All Devices application to redeem codes in the iTunes Store® and sync the apps to connected devices.

## Requirements

The Sync All Devices application requires:

- Mac OS X v10.5 or later
- iTunes v10.0 or later

You can sync mobile devices that have iOS 4.2.1 or later.

To redeem VPP codes with the Sync All Devices application, you need:

- Casper Suite v8.0 or later
- Access to the JSS
- Administrative access to the server hosting the JSS (This is needed one time to enable VPP code redemption by modifying Tomcat's `web.xml` file.)
- An App Store app and its associated VPP code file in the JSS

## Important Concepts

Before using the Sync All Devices application, you should be familiar with the following concepts.

### Syncing Devices with iTunes

Although the Sync All Devices application automates syncing for iOS devices, you still need to define the items you want to sync in iTunes. For more information, refer to Apple's Knowledge Base article, "Syncing iPad, iPhone, or iPod touch with iTunes", available at:

<http://support.apple.com/kb/HT1386>

### Uploading VPP Code Files to the JSS

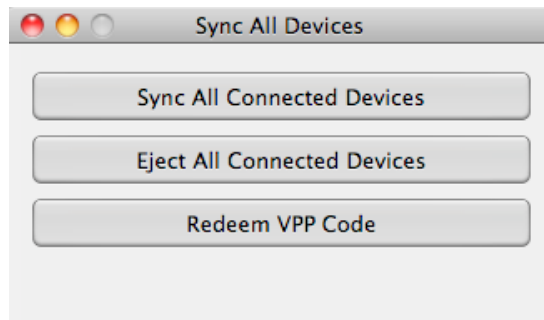
The Sync All Devices application can only pull VPP codes from VPP code files that are uploaded to the JSS. For more information, see the "Managing App Store Apps" section of the *Casper Suite Administrator's Guide*.

# Syncing All Connected Devices

This section explains how to sync multiple iOS devices with iTunes simultaneously.

To sync all connected devices:

1. With multiple devices connected to a computer, open the Sync All Devices application.
2. Click the **Sync All Connected Devices** button and wait for the sync to finish.



3. When you are ready to disconnect the devices, click the **Eject All Connected Devices** button.

This safely ejects all iOS devices before you disconnect them.

# Redeeming VPP Codes

This section explains how to:

- enable VPP code redemption by modifying Tomcat's web.xml file
- redeem VPP codes from the JSS in the iTunes Store

## Enabling VPP Code Redemption

Before redeeming VPP codes with the Sync All Devices application, you must enable VPP code redemption by modifying Tomcat's web.xml file.

You only need to enable this once.

**To enable VPP code redemption:**

1. Log in to the server hosting the JSS.
2. Open Tomcat's web.xml file in a text editor. This file is located at:  
/Library/Tomcat/webapps/ROOT/WEB-INF/
3. Remove the following lines from the file:

```
<!-- Uncomment this section to enable  
      downloading of mobile device Apps  
      from the JSS in a web browser  
      NOTE: One more section to uncomment below.
```

4. Also remove the following line from the file:

```
END UNCOMMENT FOR Mobile Device Apps-->
```

5. Save your changes.
6. Open the Terminal application and restart Tomcat by executing the following command:

```
sudo jssutil -rt
```

## Redeeming VPP Codes from the JSS

The instructions in this section explain how to use the Sync All Devices application to redeem VPP codes from the JSS in the iTunes Store.

After redeeming these codes, you can sync the apps to all connected devices using the instructions in the "Syncing All Connected Devices" section.

**To redeem VPP codes from the JSS:**

1. Open the Sync All Devices application.

2. Click the **Redeem VPP Code** button.



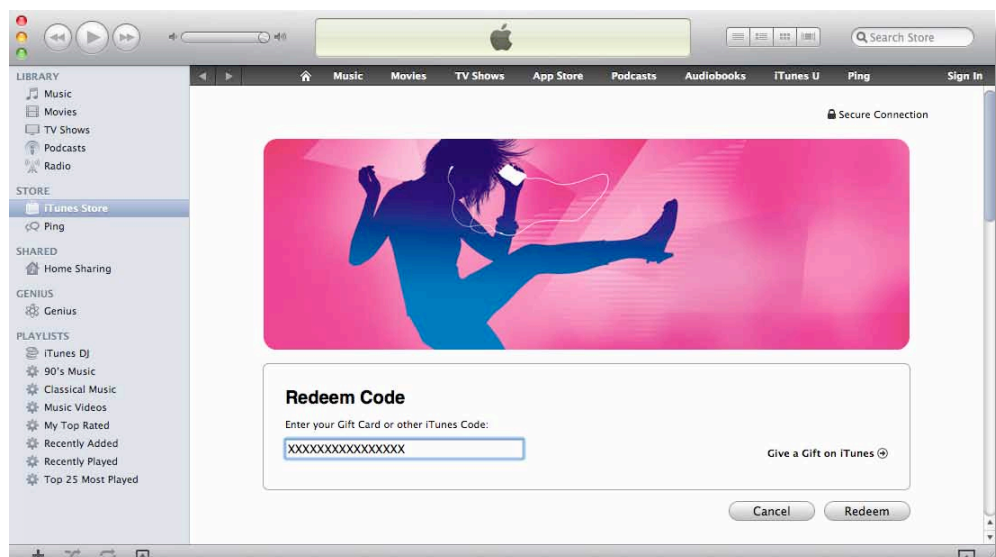
This opens a JSS login pane in a web browser.

3. Log in to the JSS using JSS administrator credentials, or LDAP credentials if an LDAP server is configured.
4. Click the **Redeem Code** link across from the app you want to redeem VPP codes for.

Mobile Device App Store App Catalog		
	OmniFocus for iPad 1.2.2	<a href="#">Redeem Code</a>
	OmniGraffle 1.4	<a href="#">Redeem Code</a>
	OmniGraphSketcher 1.4	<a href="#">Redeem Code</a>

This opens the iTunes application.

5. Click the **Redeem** button in the iTunes Store to redeem the VPP code.



6. Sync the app to one or more devices as needed.