



# Deploying iOS devices in business

iOS devices can bring huge changes to your business by boosting productivity and flexibility of your employees. If you wish to deploy iOS devices in your business now, but you are not sure how exactly to go about it, this guide will help you through and ensure that the deployment goes as smooth as possible.

The following steps will guide you from start to finish.



# Getting Started

## 1. Sign up for Apple's DEP and VPP programs

- Go to [deploy.apple.com](https://deploy.apple.com) and create a program account (Apple ID) for DEP.
- Enter contact details and enable two-step verification. After the verification, begin the enrollment process by entering all the details of your business including your D-U-N-S number.
- Once your business is approved, you can start using DEP. A DEP customer ID will be generated for you.
- If you have purchased your hardware or software directly from Apple, you will receive an Apple Customer Number. This number is required to connect devices to your DEP account. If, however, you have purchased your devices from an authorized reseller, you will have to provide the reseller ID and also inform reseller about the submission of devices for DEP program.
- Go to your DEP account and create administrative accounts to manage devices for your business.
- Choose your Apple ID strategy based on your app preferences. You can deploy apps to a user's Apple ID or directly to the device.

## 2 Sign up for Apple Developer Enterprise program if you intend to distribute proprietary apps to your employees.

## 3 Integrate DEP with Hexnode MDM

- Go to 'Manage servers' on DEP account and add the Hexnode MDM.
- Once linked, assign devices to Hexnode MDM



### Wi-Fi and Network requirements

Since every step of this process happens over-the-air, it is important to have a strong Wi-Fi.

Good bandwidth is required for many devices to work together.

You need to have an internet connection for the Hexnode MDM server and the managed devices

### What is hexnode MDM ?

It is a mobile device management solution from Hexnode that helps you monitor, manage and secure mobile devices across the enterprise.

An all in one Device Management, Application Management, BYOD and Security Solution for your business!

# Preparing Apps

1. Select and purchase apps or books through Apple's Volume Purchase Plan.
  - While purchasing apps, you can specify distribution type as Managed Distribution or  
redeemable codes.
2. Configure Hexnode MDM to link it with your VPP account.
  - The list of apps chosen will be shown in Hexnode MDM console.
3. Assign apps to devices or users based on your Apple ID strategy.
  - Assign to Users –
  - Assign to devices-
4. Choose deployment strategy for your apps
  - Silent push - DEP allows silent app pushes, wherein there's no need of a confirmation from the user end.
  - App catalog – Hexnode MDM gives you an option to group apps to be assigned to a targeted group of users. Create app catalogs and assign it to a group of users.
  - In-house app deployment – For pushing custom enterprise apps, upload the application archive file to Hexnode MDM. It will then appear in the app inventory, where it can be installed on any device.

## Distribution using Managed Distribution

### User Assignment

- Requires iOS 7 or later
- Apps and books are assigned to MDM server for distribution
- Apps can be revoked from one Apple ID and reassigned to a different Apple ID or device as needed. Books cannot be revoked
- Users must have an Apple ID and accept an invitation to participate.
- Apps are assigned to a user. The user can install the app or app can be installed automatically by MDM
- Assigned apps and books can be used on any device that user owns

### Device Assignment

- Requires iOS 9 or later
- Apps are assigned to MDM server for distribution
- Apps can be revoked from one device and reassigned to a different device or ID as needed.
- No Apple ID or invitation is required. Apps are assigned to a device. They must be installed by MDM.
- Assigned apps can be used by anyone who uses the assigned device.

# Deployment

## 1. Plan device distribution to your users

- IT-assisted: When your IT department sets up, enrolls each device and downloads apps before giving it to the users.
- User-driven: When the users themselves set up and enroll devices.

## 2. Enroll the devices to Hexnode MDM

- Auto-enrollment of devices through DEP. This is usually done for organization-owned devices.
- User initiated enrollment through email invitation sent from Hexnode MDM admin. This is usually meant for user-owned devices. This can be done in multiple ways - selectively for a single user, CSV import to send out enrollment requests in bulk and through self-enrollment when the users are selected from the company's active directory.

## 3. Turn on devices

- As soon as the enrolled devices are turned on, configuration profiles, apps, and books are automatically downloaded from the Hexnode MDM.

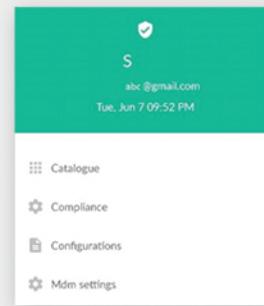
### Why Hexnode MDM

- Fast, over-the-air enrollment
- Seamless integration with corporate directory services
- Smart Mobile Application Management
- Policy and configuration management
- Compliance check and enforcement
- Email and Network configuration
- Advanced remote device management
- Real-time notifications and alerts
- Exhaustive reports and analytics
- Uncompromising user experience
- Unmatched Security

Steps involved in User-initiated enrollment

Fig1 (below) – Enrollment request sent through email.

Fig2 (right) – Hexnode app on the device once it is enrolled



# Manage

## 1. Manage Users

- Hexnode offers a user-centric approach to manage devices. You can set policies for the users, and those will be instantly applied to the devices that they are using.
- To easily manage employees and groups in your organization, Hexnode offers complete Active Directory Integration. You can import your users, groups, and OUs directly from your active directory.

## 2. Manage Apps

- Install store apps or customized in-house apps without differentiating
- Full control over installed apps – uninstall, reinstall, change rights, etc
- Create App catalogs – group apps for different sets of targeted apps
- Assign device configurations and apps through Hexnode MDM.

## 3. Enforce compliance with Hexnode MDM

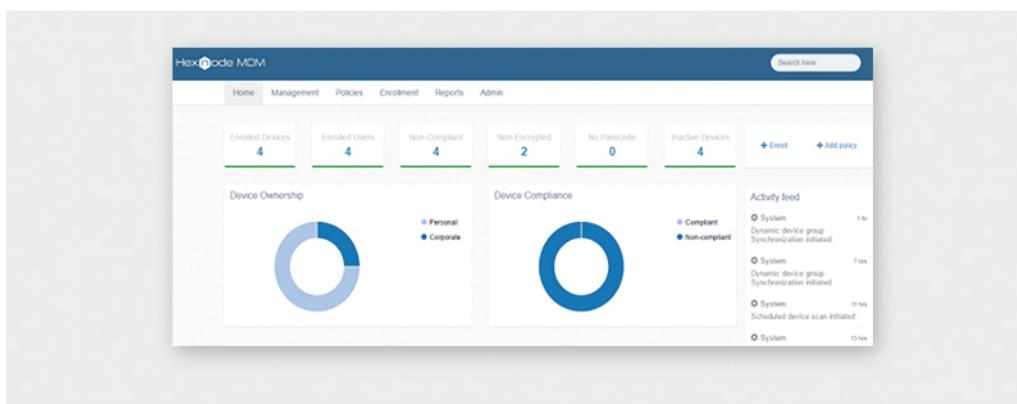
- Real-time visibility and compliance reports of the devices.
- Receive instant alerts whenever there are any compliance issues and take actions immediately.

## 4. Leverage reports with Hexnode MDM

- Allows the admin to generate various kinds of reports needed in any business enabling him to identify issues in no time.
- The different categories of reports include - device reports, user reports, and compliance reports.

### App catalogue

Hexnode MDM lets you create an enterprise app catalog to easily manage and deploy both in-house apps and app store apps. You can group apps and set up multiple catalogs to effectively provision apps for different sets of targeted users. Users are directed to their app catalog through an easily accessible webclip sent straight to their device. On accessing it, users only see a relevant targeted version of their app catalog.



## Hexnode MDM

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[www.hexnode.com](http://www.hexnode.com)