



# PrinterOn Mobile Print Application Overview and User Guide



Doc Version 2.3

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# 1. Key Features & Functionality

The new PrinterOn Mobile Print App is a complete re-design and re-architecture of the existing PrinterOn Mobile Apps. The PrinterOn Mobile Apps will introduce key features and functionality that are intended to provide a significant improvement in the overall print workflow and user experience.

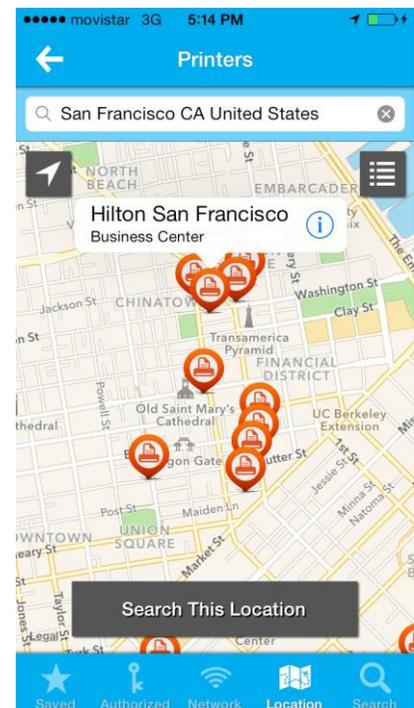
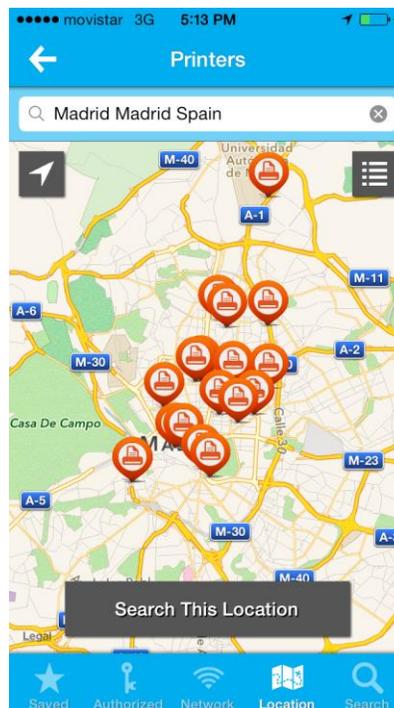
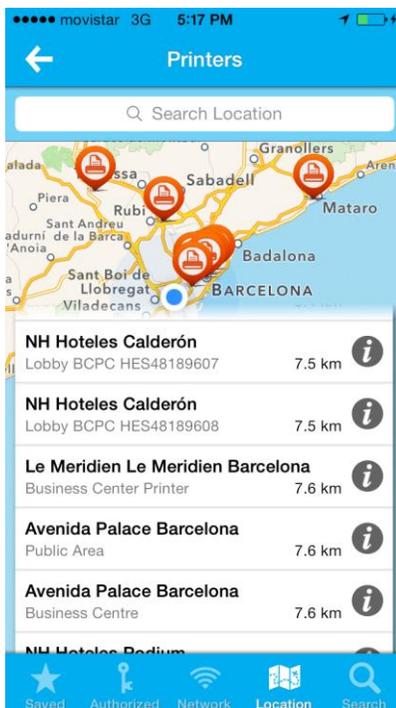
## 1.1. Printer Discovery

A new Printer Discovery Panel combines the wide range of discovery options into a single easy to access Discovery dashboard. Users can select from one of a number of methods to discover a printer including:

### 1.1.1. Location-Based Search

GPS based discovery offers a wide range of tools and options efficiently presented to both visualize and locate printers.

- Explore a location by dragging the map and use the “Search This Location” option to find printers in the vicinity.
- Discover nearby printers with a single tap at any time.
- A Summary Printer List may be overlaid on the map to view additional printer information while exploring the map for more printers
- Paged results allow users to view and expand the field of view on the map and explore a broader radius of printers
- A location-based search bar allows the user to enter locations, city names and points of interest to navigate to the location and search for printers.

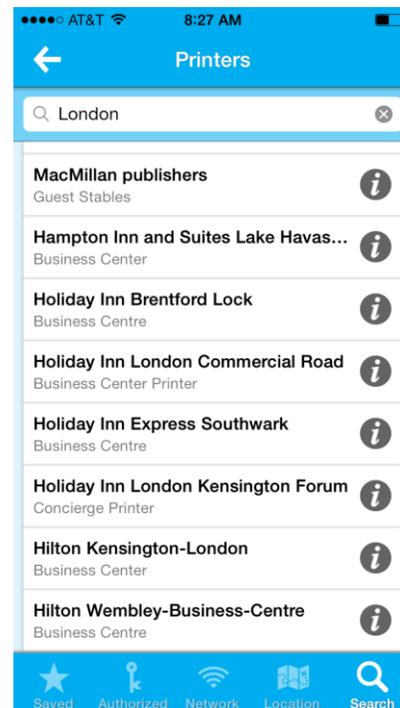


### 1.1.2. Keyword Search

Leverage PrinterOn’s keyword based search by entering a word or phrase available in a printer’s details. Simply enter a keyword for a known printer and receive a list of matching printers based on criteria including:

- Descriptive Printer Label
- Printer name
- Street address
- City
- State
- Zip/postal code (space is required in postal code searches)

**Paged Results** allow users to view the best matches with fast response times and minimized network overhead while continuing to allow users to view additional printers with a single tap for “more printers”.



### 1.1.3. Network Printers

Automatically discover network printers, combine PrinterOn Discovery and other network services such as Bonjour to locate printers and PrinterOn Enterprise Servers on the network. PrinterOn Discovery can use Bonjour for local network discovery of PrinterOn Enterprise and is highly optimized for large networks with many services.

Includes numerous user experience enhancements that suppress services without visible printers and eliminates the need for a traditional search, simplifying the process for end users.

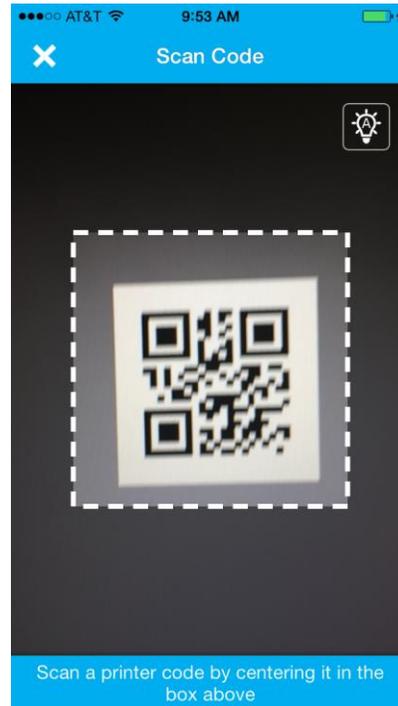
### 1.1.4. Enterprise-Based Discovery

Discover and access PrinterOn Enterprise services regardless of network access. Supports both local network and Internet-based communication. Leverage PrinterOn’s Enterprise role based access control to retrieve only authorized printers from configured Enterprise services.

## 1.2. One-Step QR Code Discovery

By using a combination of the information included on a QR code, the mobile application, and a supported Cloud Server, either Public or Private, the PrinterOn Mobile Application can locate and configure access to a printer in a single step.

This unique approach allows the PrinterOn Mobile App to determine not only the printer but also the Cloud Print Service with which the printer is associated. This eliminates the need for users to pre-configure their print service and provides more mobility to users, regardless of network.



## 1.3. Localization

PrinterOn Mobile supports a wide range of growing localizations integrated within the application including:

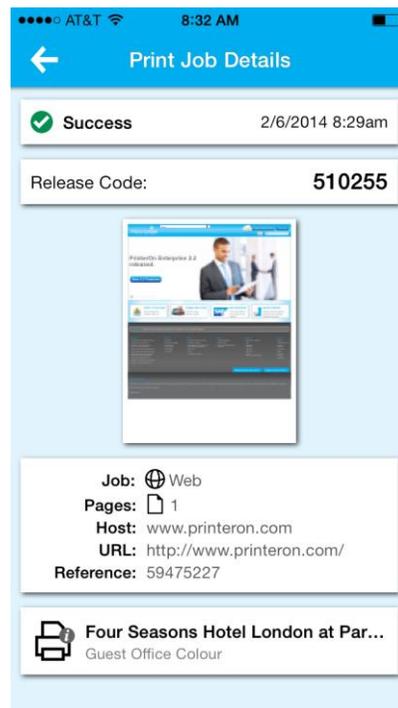
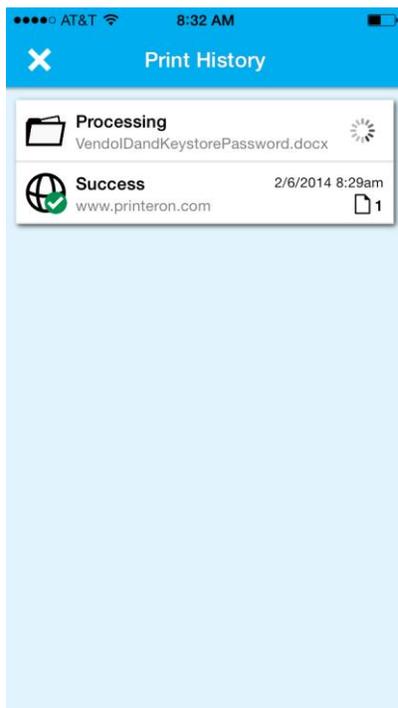
- English
- French
- Spanish
- German
- Dutch
- Danish
- Italian
- Japanese
- Brazilian Portuguese
- Simplified Chinese
- Traditional Chinese
- Korean

## 1.4. Print History and Background Print

The PrinterOn Mobile App's rich Print History and Background Print functionality provide an intuitive user interface to manage active and past print jobs. The Background Print functionality allows the user to submit multiple print jobs and receive notifications about the progress of each print job individually.

The Print History catalog provides detailed information about print jobs including:

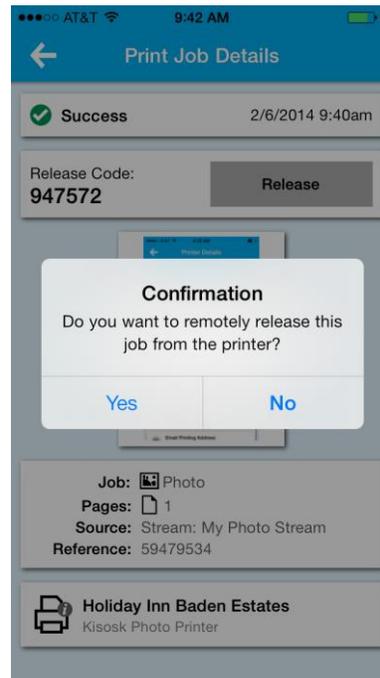
- Job Summary Information
- Secure Release Code Information
- Review image of your job, (if available) to provide a visual reminder of the request
- Printer Details are easily accessible by tapping the printer icon
- Print Release Interface Access
  - Release your print job directly from your mobile device



### 1.5. Integrated Remote Job Release

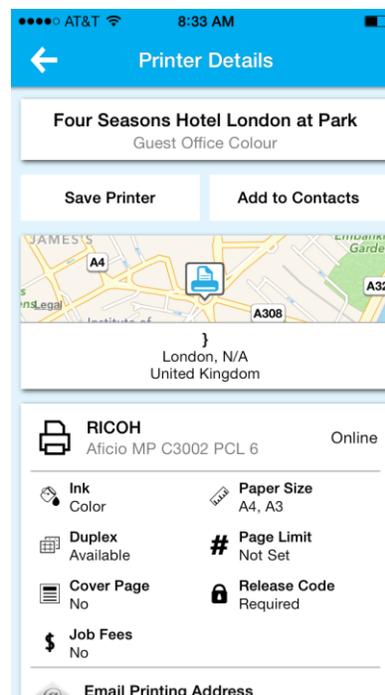
When enabled by the service owner, users can release print jobs directly from the PrinterOn Mobile App regardless of network or location using PrinterOn's patented network-bridging technology.

When reviewing a printed job, the user will be presented with a "Release" option to choose to release their job on the selected printer.



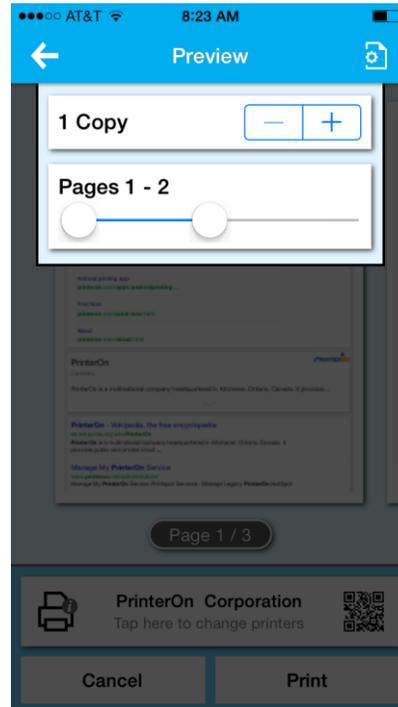
### 1.6. Printer Details

PrinterOn's Mobile App is able to provide a large amount of information in an easy to understand format. The Details page will also provide quick access to features such as deleting saved printers and adding printer email address information to contacts.



## 1.7. Print Options

Support for some of the most common print options is included allowing users to select the number of copies, together with a new intuitive page range selection.



## 1.8. Application Security

Significant efforts have been made to ensure a high degree of security while using the PrinterOn Mobile application. This includes both on-device storage and network security.

### 1.8.1. Account and User Information

The PrinterOn Mobile Applications stores all user and account information used within the application in the most secure and safest manner possible. This includes a combination of both OS-specific security capabilities as well as PrinterOn specific enhancements.

Account information is encrypted and stored using vendor recommended secure storage, such as the iOS Keychain. In addition to the OS specific tools, PrinterOn additionally encrypts information prior to saving within the OS secure encrypted services, providing 2 levels of encryption.

### 1.8.2. Network Security

The PrinterOn Mobile applications ensure that all communication is done securely and works with the user to ensure they are informed of their network activity. Users will be notified whenever connecting any discovered services using a self-signed certificate to ensure users are aware of the service identity.

## 2. Search and Discover Printers

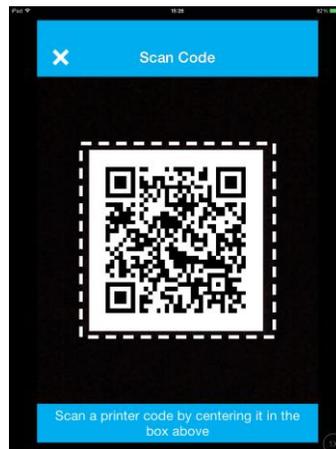
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The following section will describe how to search using each option provided within the PrinterOn Mobile Print App.

**NOTE:** With the exception of QR Code Search, prior to searching, always confirm your Service Settings. If you wish to search for a public printer, no Service Accounts should be enabled.

### 2.1. QR Code Search

1. Launch the app
2. Tap the QR code on the main page
3. Line up your device to a QR code of a PrinterOn printer
4. Printer Details will be displayed
  - a. You can choose to Save this printer to the app & add the printer's email address to your contacts from this page
5. Select this printer as your destination by tapping the checkmark



### 2.2. Authorized/Enterprise Search

1. Launch the app
2. Press **Tap here to change printers** from the Home page
3. Tap **Authorized/Enterprise**
4. A list of all printers specifically authorized to you based on the User Account enabled will be displayed
5. Select this printer as your destination by tapping the printer name
  - a. View printer details by tapping the "i" info icon beside the printer name
    - i. You can choose to Save this printer to the app & add the printer's email address to your contacts from this page

### 2.3. Network Search

1. Launch the app
2. Press **Tap here to change printers** from the Home page

3. Tap **Network**
4. If this feature has been enabled on the network your device is currently connected to, you will see a list of printers
5. Select this printer as your destination by tapping the printer name
  - b. View printer details by tapping the “i” info icon beside the printer name
    - i. You can choose to Save this printer to the app & add the printer’s email address to your contacts from this page

## **2.4. Location Search**

1. Launch the app
2. Press **Tap here to change printers** from the Home page
3. Tap **Location**
4. The app will locate you and indicate printers that are close by
  - a. You can search a different location by dragging the map or using the Search Location field at the top of the map
  - b. To view printers in a list, tap the List icon 
5. Select the printer you wish to use by tapping its name from the map or list
  - a. View printer details by tapping the “i” info icon beside the printer name
    - i. You can choose to Save this printer to the app & add the printer’s email address to your contacts from this page

## **2.5. Keyword Search**

1. Launch the app
2. Press **Tap here to change printers** from the Home page
3. Tap **Search**
4. Enter a keyword associated with the printer you’re looking for (e.g. City, street address, zip/postal code, location name)
5. Select the printer you wish to use by tapping its name from the list
  - a. View printer details by tapping the “i” info icon beside the printer name
    - i. You can choose to Save this printer to the app & add the printer’s email address to your contacts from this page

### 3. Submission

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The following section will outline steps to submit print jobs using the PrinterOn Mobile Print App.

#### 3.1. Printing a Photo

1. Launch the app
2. Select your printer by scanning a QR code, selecting a saved printer or searching for a new printer
3. Confirm the printer you wish to submit to is shown in the Printer box on the app's Home page
4. Tap **Photos**
5. Select the photo you wish to print
6. Tap the Printer icon in the top right corner
7. You will now see a preview of the job when available
8. To select copies and page range where applicable, tap the option icon in the top right corner 
9. Tap **Print** to submit your job

#### 3.2. Printing an Email attachment - iOS

1. Launch the native Mail app
2. Navigate to the email which contains the attachment you wish to print
3. Tap and hold the attachment
4. Select **Open in PrinterOn** from the options that appear
5. You will now see a preview of the job when available
6. If necessary, select your printer by scanning a QR code, selecting a saved printer or searching for a new printer
7. To select copies and page range where applicable, tap the option icon in the top right corner 
8. Tap **Print** to submit your job

#### 3.3. Printing a Document from cloud storage app – Box

1. Launch Box app
2. Navigate to the document you wish to print
3. Expand the options using the icon in the top right corner 
4. Tap the Open In icon 
5. Select **Open in PrinterOn** from the options that appear
6. You will now see a preview of the job when available
7. If necessary, select your printer by scanning a QR code, selecting a saved printer or searching for a new printer
8. To select copies and page range where applicable, tap the option icon in the top right corner 
9. Tap **Print** to submit your job

### **3.4. Printing a Document from cloud storage app – Dropbox**

1. Launch Dropbox app
2. Navigate to the document you wish to print
3. Tap the **Open In** icon
4. Select **Open in**
5. Select **Open in PrinterOn** from the options that appear
6. You will now see a preview of the job when available
7. If necessary, select your printer by scanning a QR code, selecting a saved printer or searching for a new printer
8. To select copies and page range where applicable, tap the option icon in the top right corner 
9. Tap **Print** to submit your job

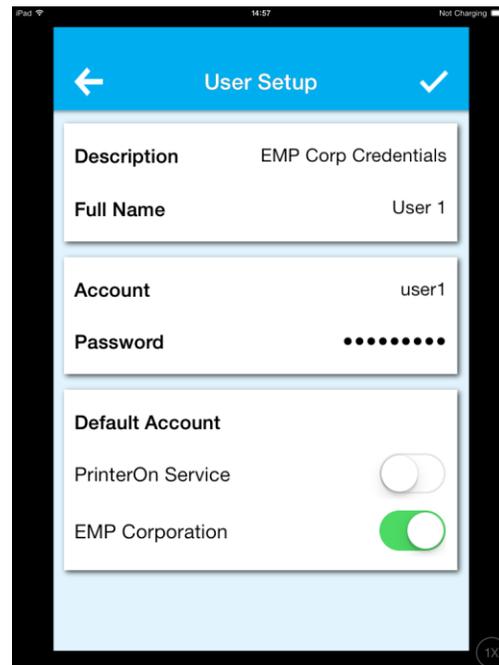
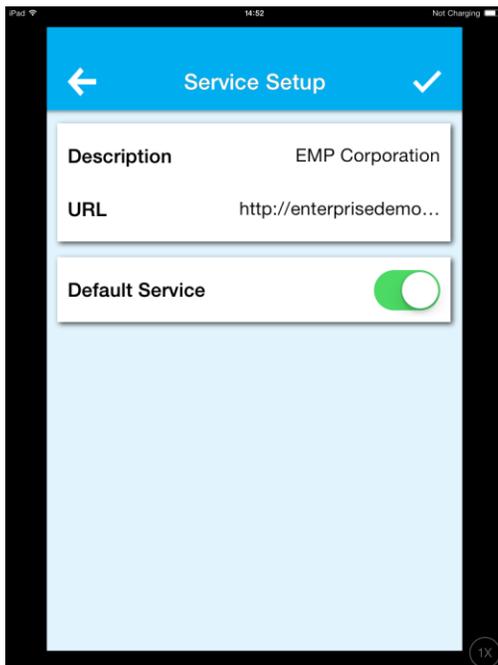
## 4. Configuration

The following section will provide detailed steps on some of the basic app functionality.

### 4.1. Configure Settings for use with authenticated Campus/Enterprise services

1. Launch app
2. Tap **Settings**
3. Tap **Services**
4. Tap **Add Service**
5. Enter Description of this service (eg. EMP Corporation)
6. Enter Service URL (e.g. <http://print.empcorp.com/cps>)
7. Save changes by tapping the checkmark
8. Tap the back arrow to enter Settings again
9. Tap **User Accounts**
10. Tap **Add Account**
11. Enter Description for this user account (eg. EMP credentials)
12. Enter Full Name (e.g. John Smith)
13. Enter Account (e.g. jsmith) **NOTE:** Enter your network login without domain
14. Enter network password
15. Under Default Account, select the Service with which these credentials should be used
  - a. When enabled, the slider will be to the right and the background will be green.
16. Save changes by tapping the checkmark

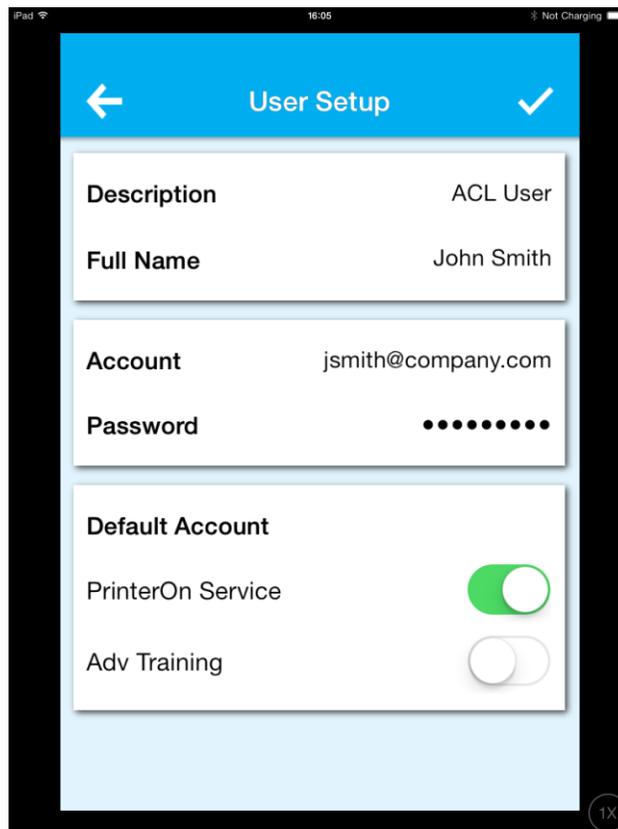
After these settings are entered, when searching for printers a user can tap the “Enterprise” option from the search types along the bottom of the app and retrieve the full list of printers to which their credentials give them access.



## 4.2. Configure Settings for use with PrinterOn ACL authentication

1. Launch app
2. Tap **Settings**
3. Tap **User Accounts**
4. Tap **Add Account**
5. Enter Description for this user account (eg. PrinterOn credentials)
6. Enter Full Name (e.g. John Smith)
7. Enter Account (e.g. jsmith@empcorp.com) **NOTE:** This will be an email address
8. Enter your PrinterOn.com password
9. Under Default Account, select the PrinterOn Service
  - a. When enabled, the slider will be to the right and the background will be green
10. Save changes by tapping the checkmark

After these settings are entered, when searching for printers a user can tap the “Authorize” option from the search types along the bottom of the app and retrieve the full list of printers to which their credentials give them access.



## 5. App Upgrades

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When upgrading from version 3.0 through the app store, Services, Users & saved printers will be retained.

**EXCEPTION:** When upgrading from 1.6 to 3.0, the previously configured items will not be retained. This includes saved printers, Service URL & Username/Password.

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