

15.08. Barcode scanning with handheld computers

Added: Version 8.00

It is possible to use a handheld computer barcode scanner with mSupply. This gives you greater flexibility as you are not tethered to a device running mSupply. A handheld computer barcode scanner looks like this:



Currently mSupply is compatible with Honeywell handheld computer barcode scanners like the CK65 shown in the image above and the only function available on these scanners is goods receiving.

Requirements

1. The scanner must be able to connect to the mSupply server used in the warehouse. This is usually achieved using a WiFi network. This WiFi must:
 1. be available everywhere you want to use the barcode scanner in the warehouse
 2. be able to connect the barcode scanner to the mSupply server.
2. The scanner must be a Honeywell type compatible with mSupply. If in doubt, please check with The mSupply Foundation before purchasing.

Set up

1. Create users on mSupply

The first step is to create users in mSupply for all the users who are going to use the barcode

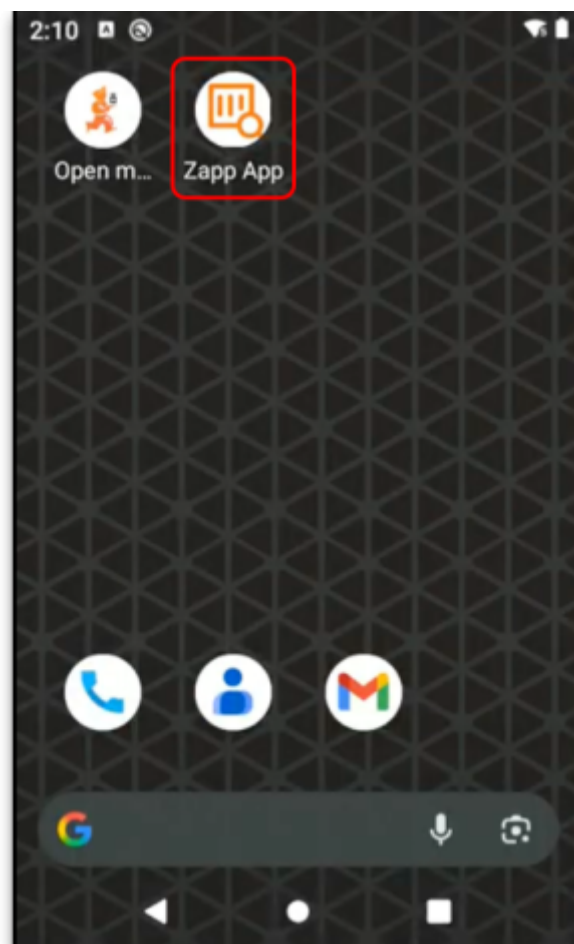
scanners. Follow the instructions here to do that: [25.15. Managing users](#). The users don't need any particular permissions to use the barcode scanner, they just need to be active and able to login to mSupply.

2. Download the mSupply scanner app

Download the app from here: <https://github.com/msupply-foundation/zapp/releases>

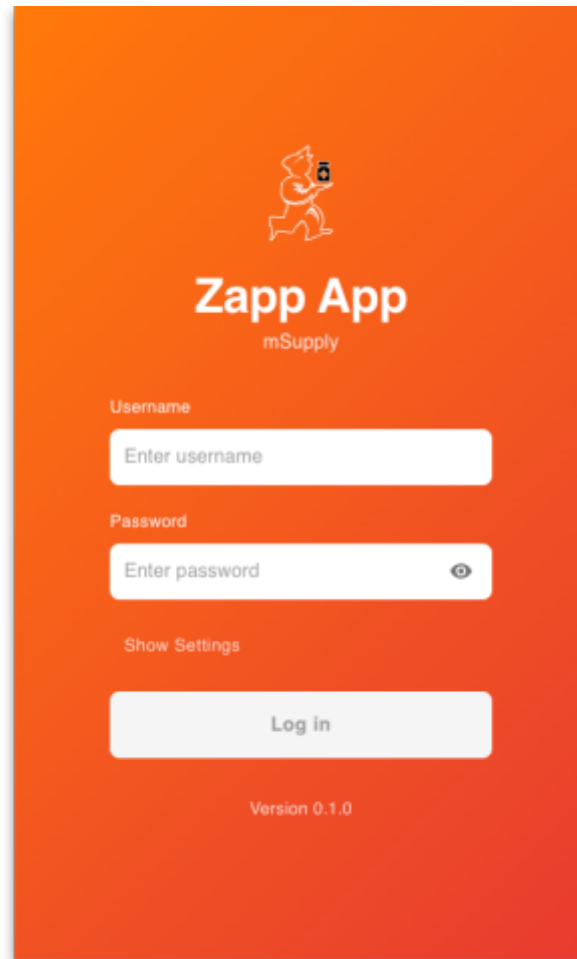
3. Load the mSupply scanner app onto the scanner

Load the mSupply scanner app (Zapp App) apk file onto the scanner device itself by following the manufacturer's instructions. Find the apk file on the device and tap on it to install it. When you have done that, you will see the *Zapp App* icon on the scanner's main screen:

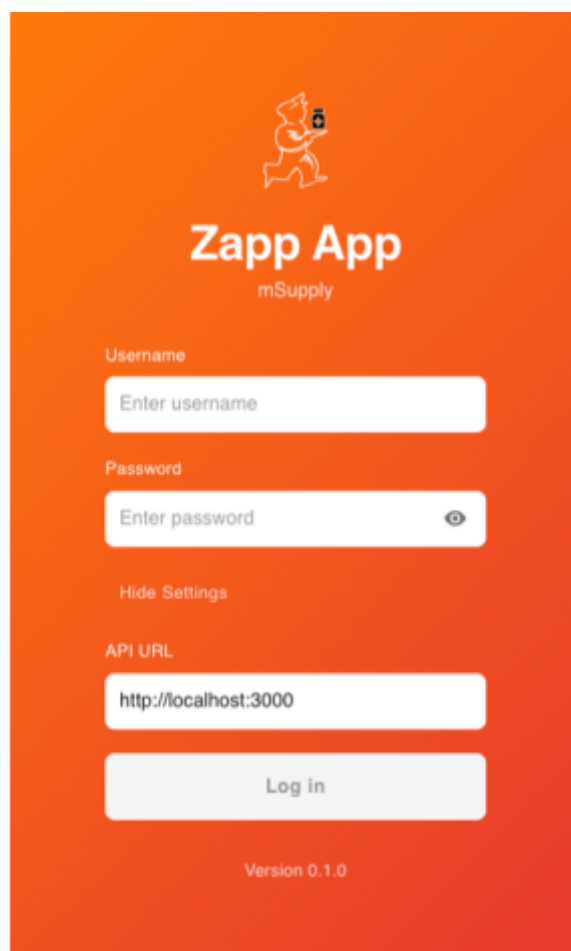


4. Enter the server URL

Tap on the *Zapp App* icon and the app will open at the login window:



Tap on the *Show settings* text and the **API URL** field will be displayed:



Enter the URL of your mSupply alternative server in the field (see the [20.03. Cold Chain App Notifications](#) page for details on how this is set up). You only have to do this step the first time you open the app or if you need to change the URL).

5. Login to the app

Enter your mSupply user name and password in the **Username** and **Password** fields. Then tap on the **Login** button to login to the app.

Goods Receiving

Login

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