

InStock

InStock Installation Guide

V1.1.2.0

1. Table of Contents

Contents

1.	Table of Contents	2
2.	Copyright / Disclaimer.....	4
3.	Installation	5
3.1	Scanner Device (Android).....	5
3.2	Client Host Console (Admin Console)	5
3.2.1	Local PC Installation	5
3.2.2	Run installer on existing installation.....	9
3.2.3	Uninstall existing installation	9
3.3	Admin Console Interface.....	12
3.3.1	Backend Services.....	12
3.3.2	Buttons Panel	13
4.	Settings.....	14
4.1	Settings Tab.....	14
4.2	Device App Settings Tab.....	15
4.3	App Store Tab.....	16
4.4	Update Centre Tab.....	16
4.5	Task Scheduler Tab	16
4.6	Reference File Settings Tab.....	17
5.	Register your Application	18
5.1	Add Licence	18
6.	Reference Data.....	20
7.	Setting up your MC33X Device.....	21
7.1	PBS Launcher App	21
7.1.1	Setting up Apps	21
7.1.2	Setting Default Launcher App	22
7.2	InStock App	23
7.2.1	Adding Wi-fi Connection	23
7.2.2	Configure Server Settings.....	24
7.2.3	Settings Device Name	25
7.2.4	Check Server Connectivity	25
7.2.5	Download Reference Data	26

2. Copyright / Disclaimer

Copyright © 1999-2023 Purpose Built Software Pty. Ltd. All rights reserved.

Purpose Built Software Pty. Ltd. Any person is hereby authorized to view, copy, print, and distribute this document subject to the following conditions owns copyright in these documents:

The documents may be used for informational purposes only.

The documents may only be used for non-commercial purposes.

Any copy of these documents or portion thereof must include this copyright notice.

Note that any product, process or technology described in the document may be the subject of other Intellectual Property rights reserved by Purpose Built Software. Pty Ltd. and are not licensed hereunder.

PURPOSE BUILT SOFTWARE MAKES NO REPRESENTATIONS ABOUT THE SUITABILITY OF THE INFORMATION CONTAINED IN THE DOCUMENTS AND RELATED GRAPHICS PUBLISHED IN THIS DOCUMENT FOR ANY PURPOSE. ALL SUCH DOCUMENTS AND RELATED GRAPHICS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. PURPOSE BUILT SOFTWARE HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH REGARD TO THIS INFORMATION, INCLUDING, BUT NOT LIMITED TO, ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL PURPOSE BUILT SOFTWARE BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF SOFTWARE, DOCUMENTS, PROVISION OF OR FAILURE TO PROVIDE SERVICES, OR INFORMATION AVAILABLE FROM THIS PUBLICATION.

THIS PUBLICATION COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THE PUBLICATION. **PURPOSE BUILT SOFTWARE PTY LTD** MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS PUBLICATION AT ANY TIME.

3. Installation

3.1 Scanner Device (Android)

The app is pre-installed custom PBS Launcher app and InStock app on the device. If you are unable to locate these Apps on the device, please contact PBS Support Line via email or phone.

3.2 Client Host Console (Admin Console)

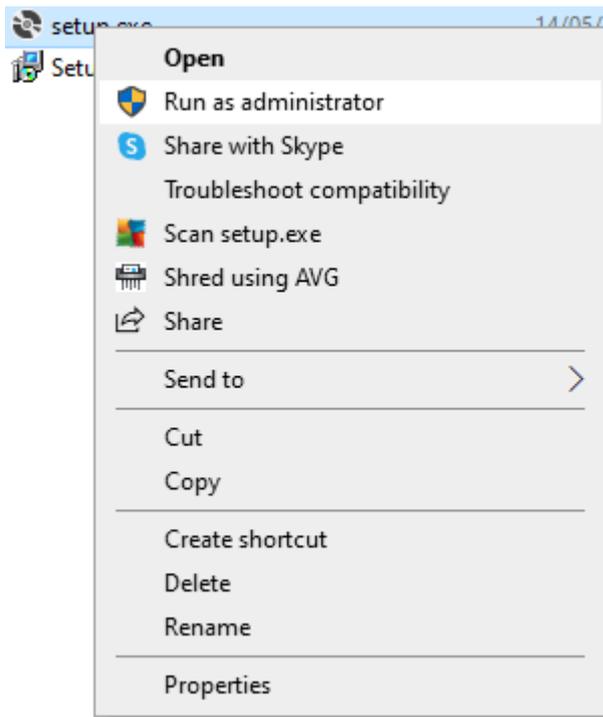
3.2.1 Local PC Installation

The download link for the local PC client is available on the Purpose Built Software website, or via email request to support@purposebuilt.com.au.

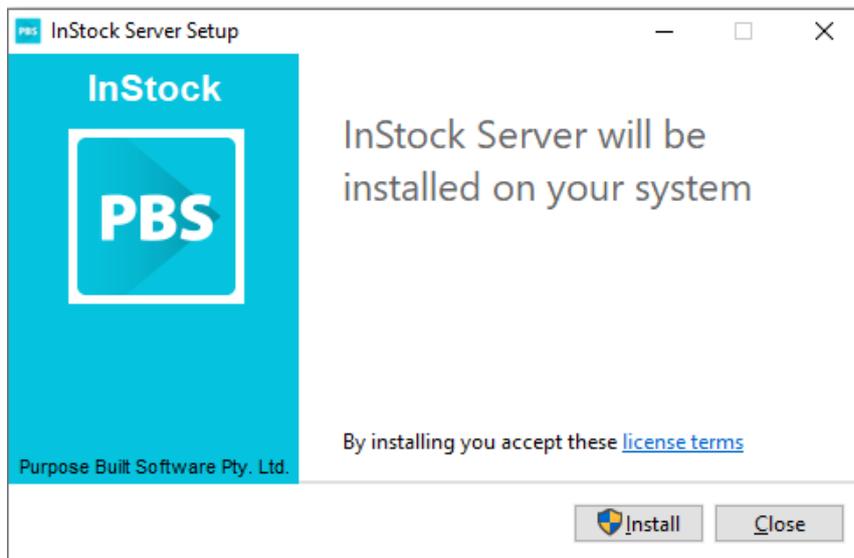
The link will download the application installer **InStockInstaller.exe** file.

To install the applications right click the chosen installer application and select run as administrator*. Permission make changes to device will be requested.

*administrator privileges will only be required for install installation.

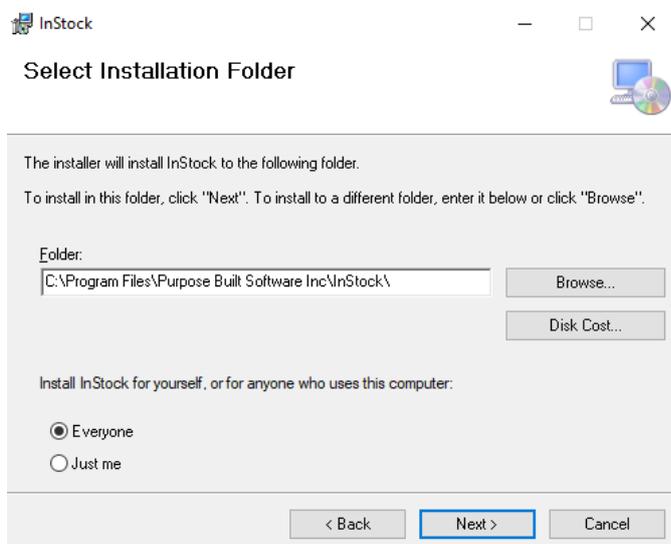


Run the installer application and follow the steps on the screen. For your assistance the steps are detailed below.



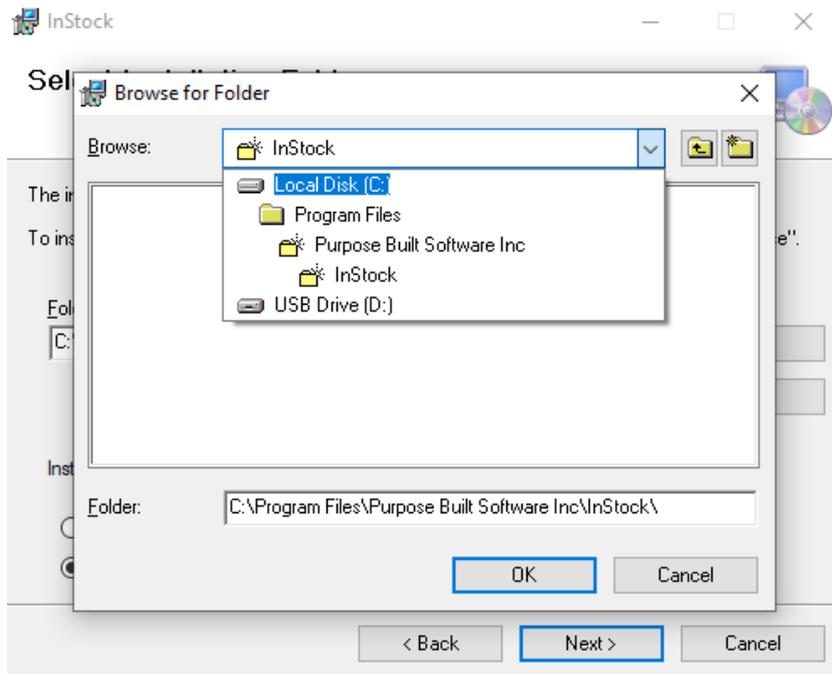
Click on NEXT to continue the installation.

The installation will default to installing in the program files folder;



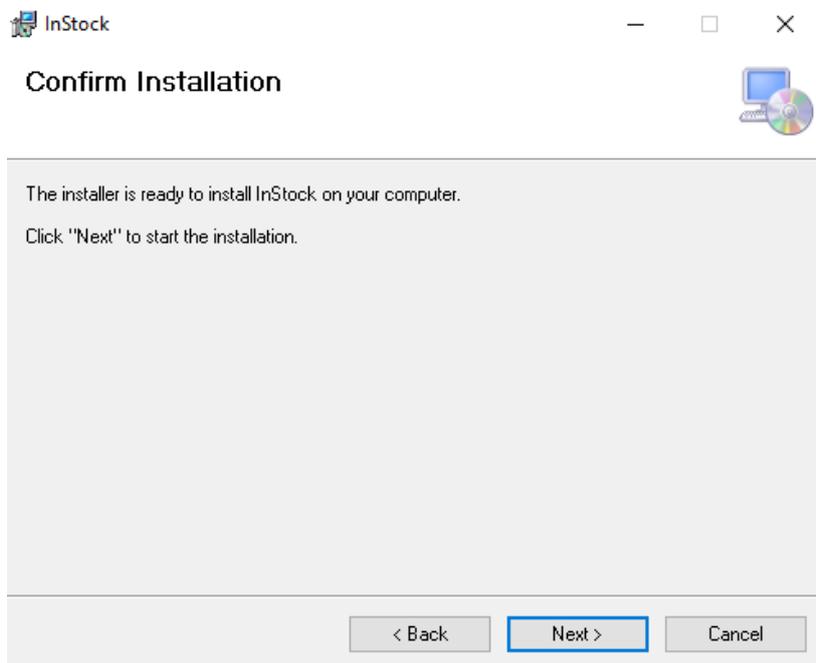
You may select any folder you wish by clicking browse and manually selecting or typing in a folder destination and clicking OK.

Tip: It is better not to change the default location.

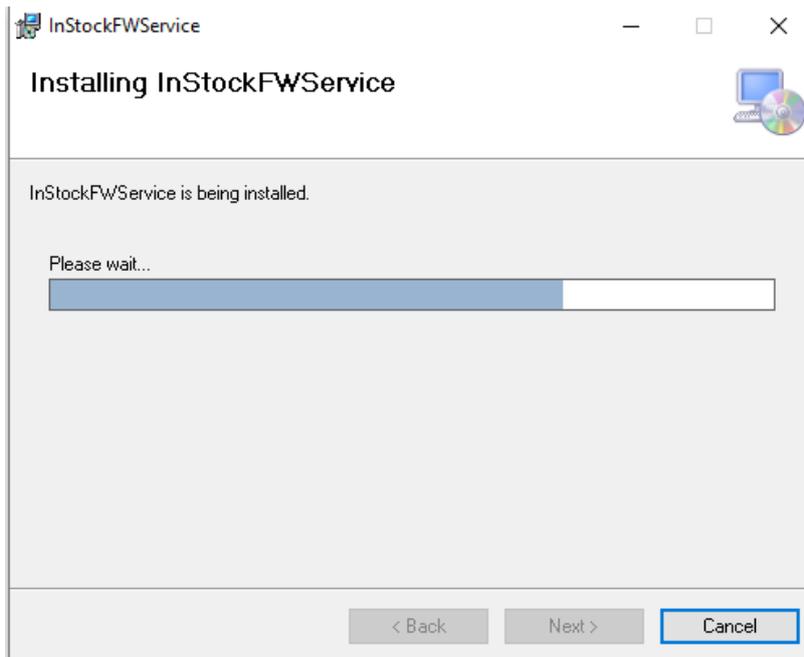


Click on NEXT to continue the installation.

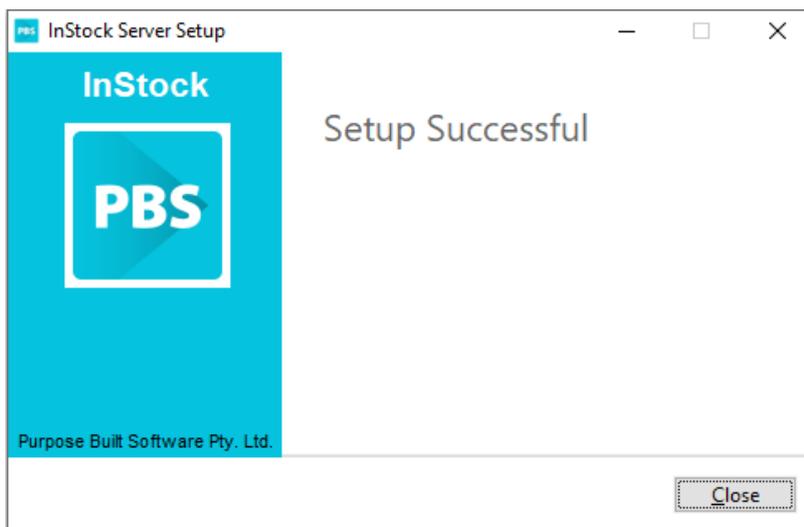
The application will ask for confirmation of installation;



Click on NEXT to continue the installation.



You will see Setup Successful message when it is complete;



Upon completion of the installation a desktop icon will appear.



Clicking on it will bring up the InStock Admin Server Panel.

Click CLOSE to exit the installation window.

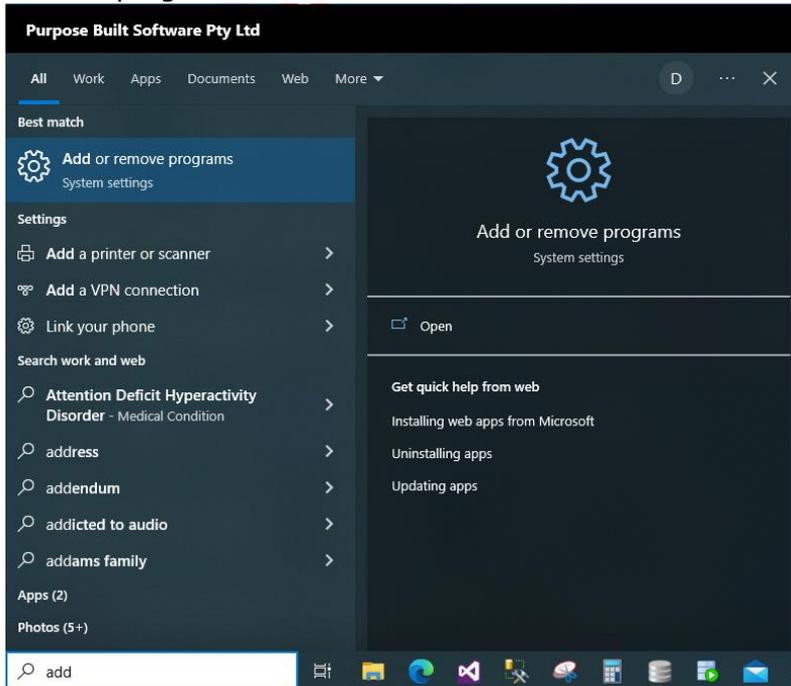
3.2.2 Run installer on existing installation

If the application was already installed on the computer and you are running updated installer, it will update the existing installation.

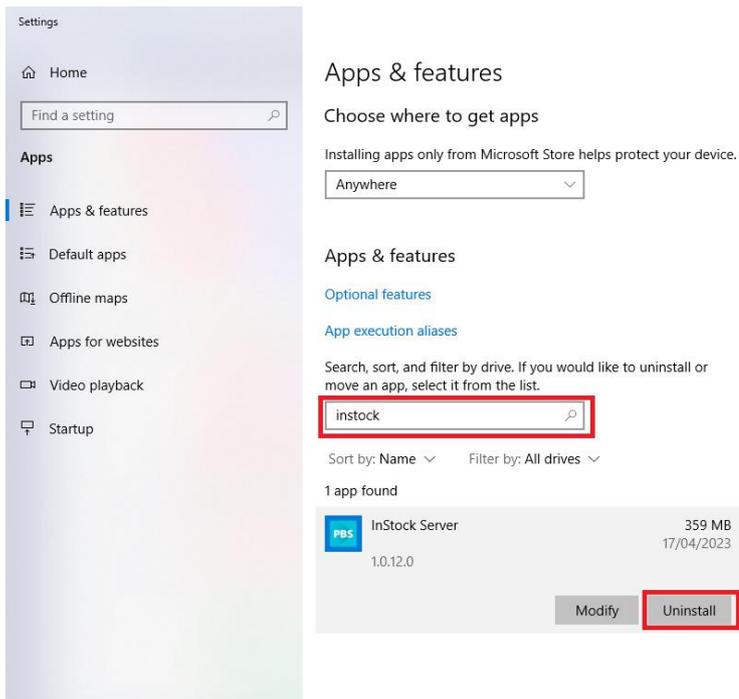
3.2.3 Uninstall existing installation

To uninstall InStock services and Admin console from a computer, follow the steps below:

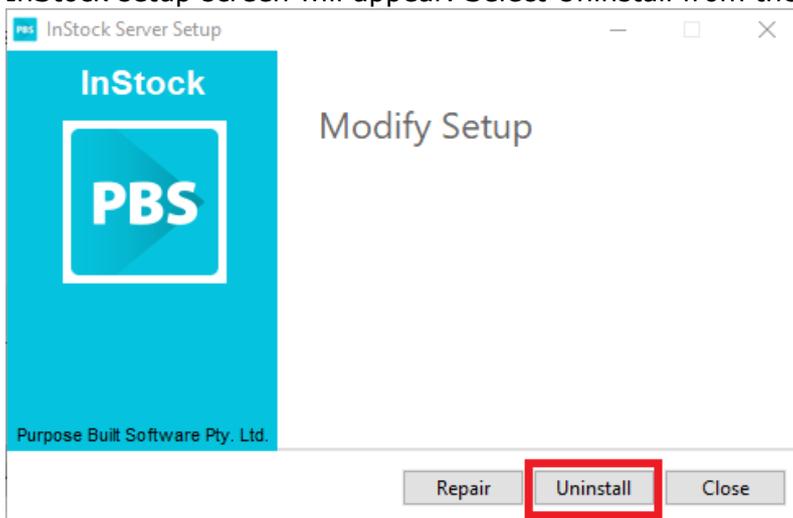
1. On the computer, press windows key and type **Add remove** and select Add or remove programs.



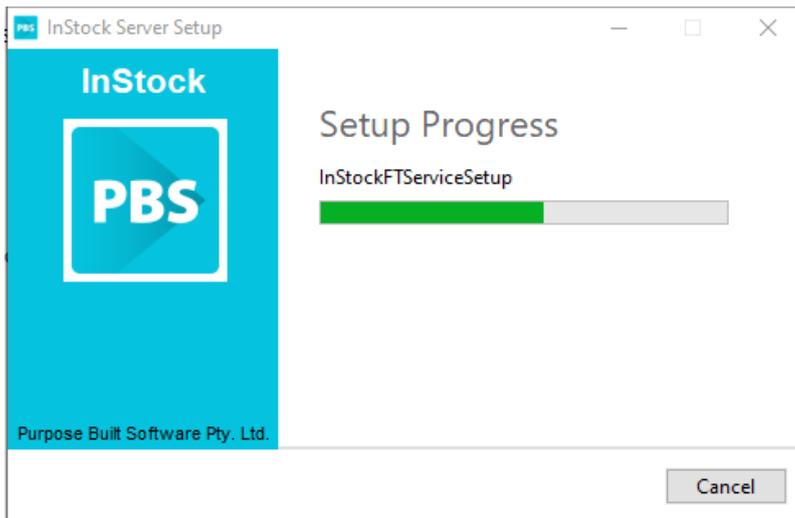
2. In the search field, type inStock. The current InStock installed application will be shown. Click on Uninstall button.



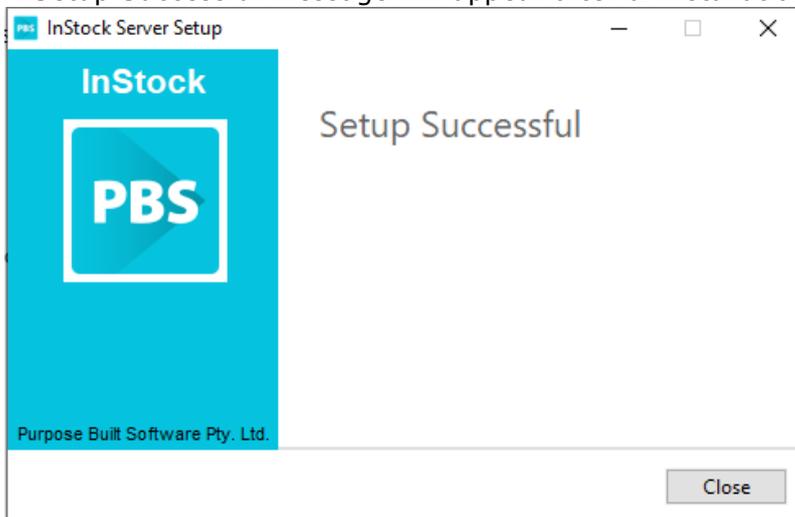
3. InStock setup screen will appear. Select Uninstall from the screen.



Uninstallation will begin.



A Setup Successful message will appear after uninstallation complete.



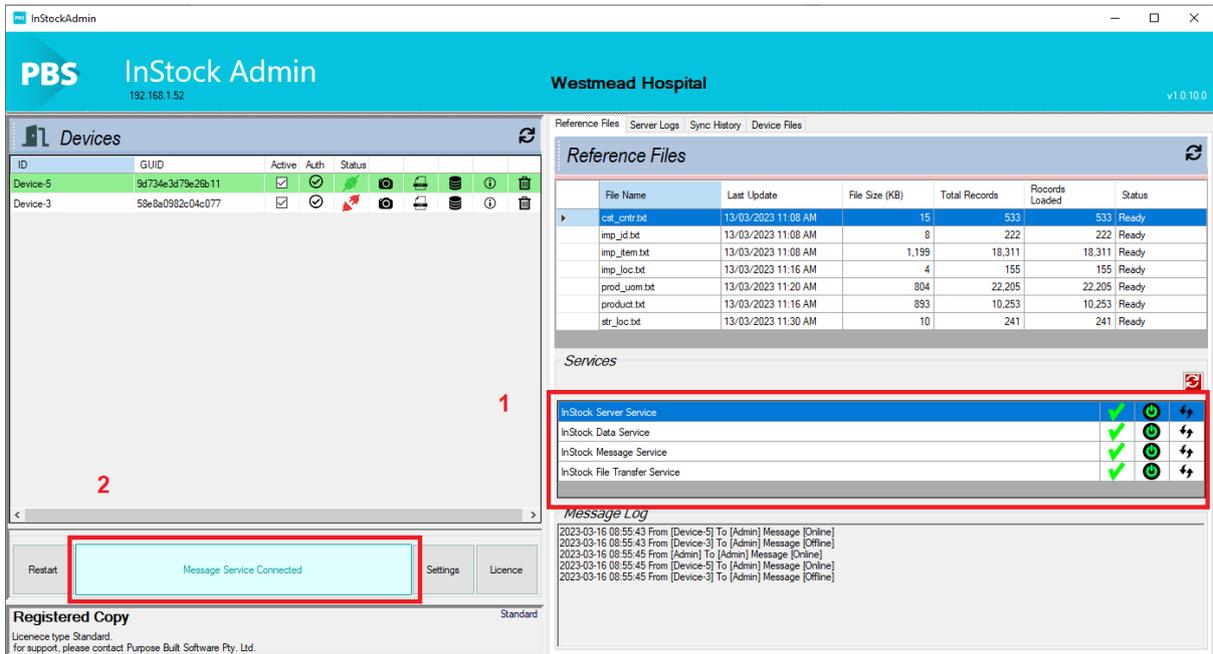
Uninstallation done.

Note: User folder and files will not be removed automatically, you can remove them by remove the **C:\InStock** folder with the files and sub folder. Removing this folder will also remove logs, settings and device uploaded files such as logs, databases and screenshots.

Depending on your computer, you may be asked to restart.

3.3 Admin Console Interface

After installation complete, run the InStock Admin console application. The program will appear as below.



3.3.1 Backend Services

In the (1) Services section ensure all checkmarks and power icons are GREEN. If power button is RED this indicates the service is off. Follow the below to turn service to GREEN.

- Run the admin console as an administrator and click the red power button to start the service. You can also restart all the service by pressing Button.
 - **Note:** to restart service from the Admin console, you will need Administrator privileges.
 - OR
 - Restart the computer.

3.3.2 Buttons Panel



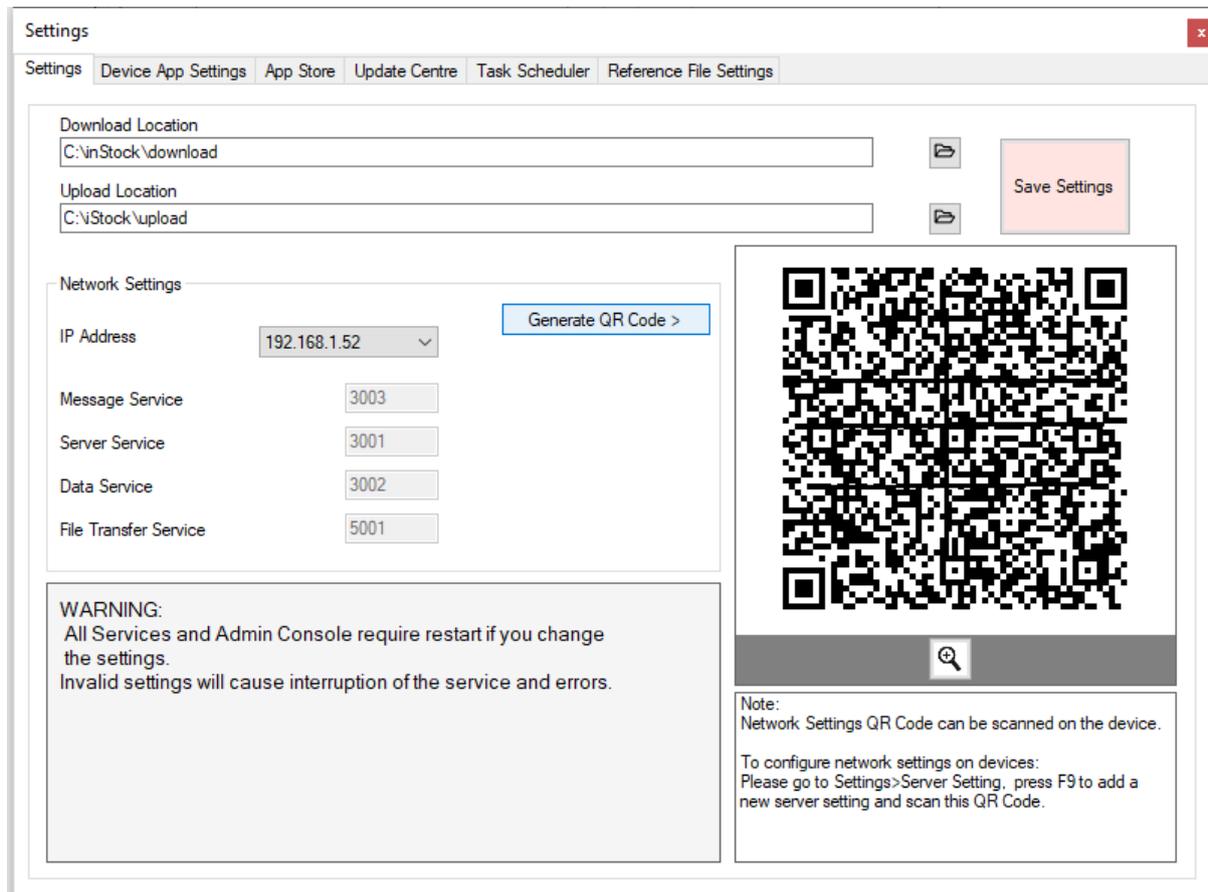
1. To restart Admin Console application.
2. This button shows whether the Admin Console application is connected to the message service. If disconnected, then you can click the field to reconnect it.
3. Settings button will pop the settings screen.
4. Licence button will pop the licence and registration screen.

4. Settings

4.1 Settings Tab

After installation, settings need to be completed.

Select settings (3) from the console menu. The following popup will appear.



Set the **Download** and **Upload** locations path.

- Download location is where the iPharmacy reference files are stored
- Upload location is where devices will send transaction files

Important: If you want to point to shared folder(s) here then the folder path must be in UNC format (eg: [\\AnotherPC\SharedFolder\Send](#)) and the folder must have full permissions to the "Computer" where the InStock services are running.

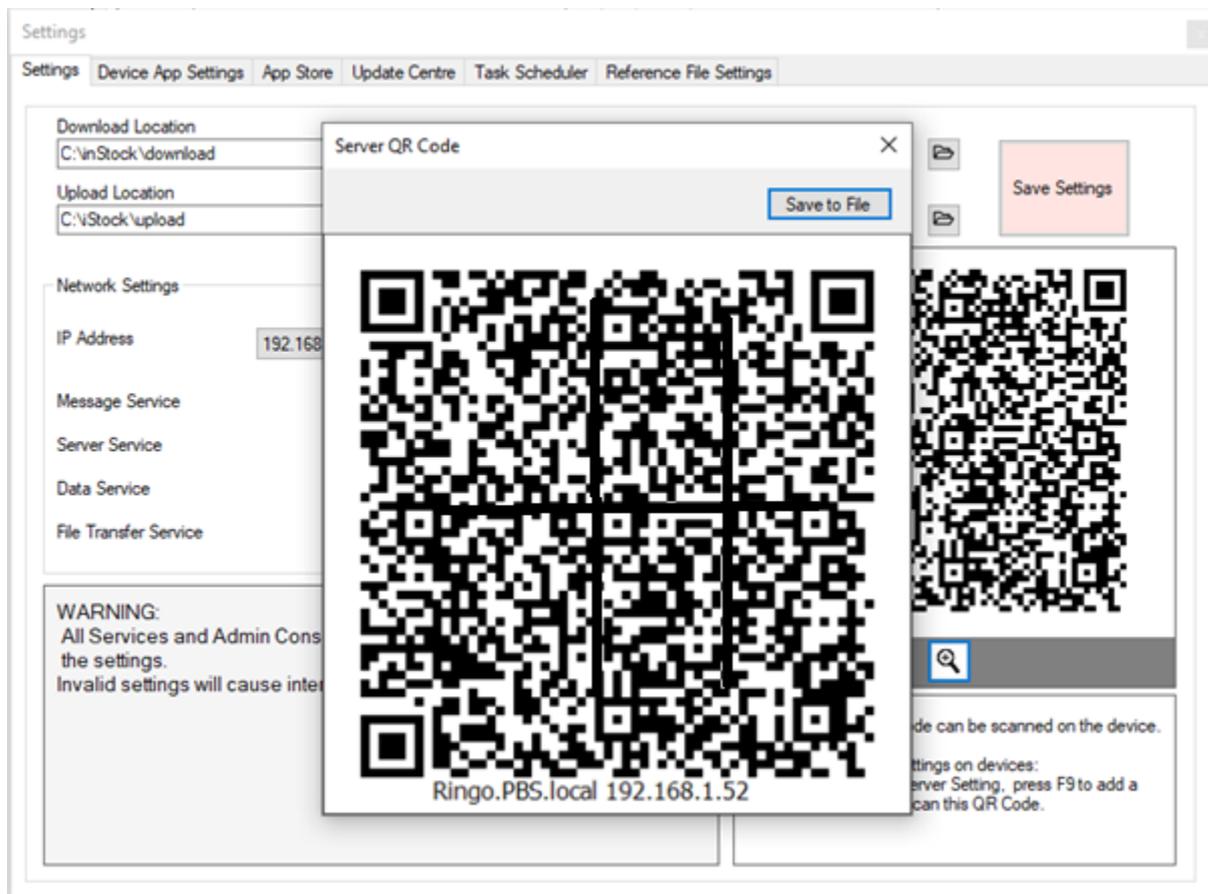
4.1a Configure IP Address QR code

You need to select the correct IP address from the dropdown list if the PC has more than one IP.

Save the settings it will prompt to restart the services. If you are running Admin console as an Administrator then the services will restart, alternately you can restart the computer.

From the settings tab, you can also generate setting QR code. This QR code can be scanned from the device to configure server settings. Refer to 7.2.2 Configure server settings

To save QR Code in a file and print, click on the  button and click on **Save to File** button.



4.2 Device App Settings Tab

From the 'Device App Settings' tab, you can customise the device app behaviour. The device will sync the settings automatically.

The screenshot shows the 'Settings' application with the 'Device App Settings' tab selected. The interface is divided into several sections:

- Orders:** Enabled, Load Last Location, Zero Qty. Allowed
- Imprest:** Enabled, Load Last Location, Zero Qty. Allowed
- Stocktake:** Enabled, Load Last Location, Zero Qty. Allowed
- Requisition:** Enabled, Load Last Location, Zero Qty. Allowed
- Returns:** Enabled, Load Last Location, Zero Qty. Allowed
- Goods Receipt:** Enabled, Load Last Location, Zero Qty. Allowed

At the bottom of the main settings area, there is a Server QR Code scanning is required for data upload and a **Save** button.

Wi-Fi Settings:

- SSID: MyWifi
- Password: [Masked]
- Security: WPA

A **Generate QR Code** button is highlighted, and a QR code is displayed below it. A **Save** button is also present next to the QR code.

Note: Network Settings QR Code can be scanned on the device.
To configure network settings on devices: Please go to Settings>Server Setting, press F9 to add a new server setting and scan this QR Code.

This screen allows setting behaviour of the InStock App running on MC3300x devices.

You can also generate QR code for Wi-Fi settings here. Refer to section 7.2.1 of this manual to add Wi-Fi setting to your device.

Note: all the sensitive information, including wi-fi settings are saved as encrypted data.

4.3 App Store Tab

In app store you can load latest InStock android app, so device can have latest update of the InStock app.

4.4 Update Centre Tab

Update Centre is used to archive device's firmware updates.

4.5 Task Scheduler Tab

Task scheduler allows administrators to schedule tasks to be run on a specific time on the devices. For example a firmware update task can be scheduled to update device firmware at 2am.

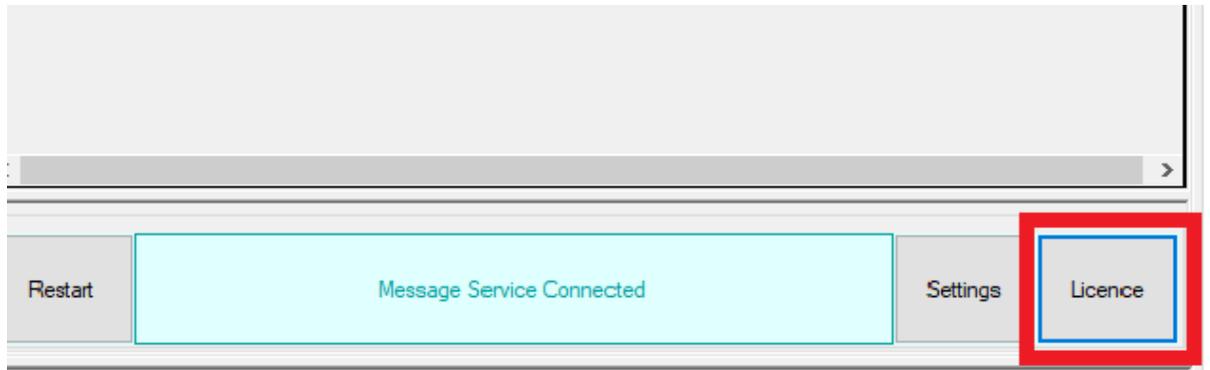
4.6 Reference File Settings Tab

If any feature of the InStock app is not being used then this setting can be used to mark reference file as 'Optional'. By default, all reference files are required to be loaded into the device.

5. Register your Application

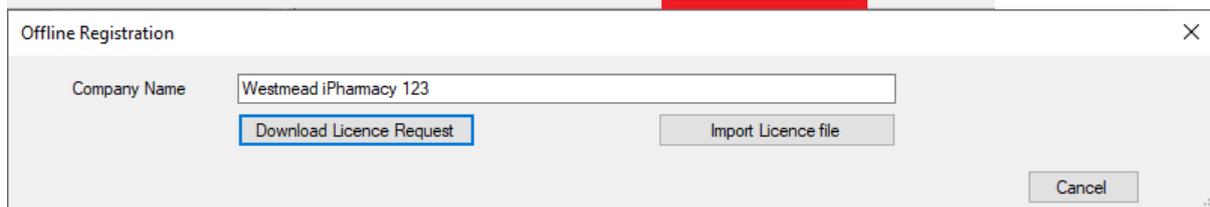
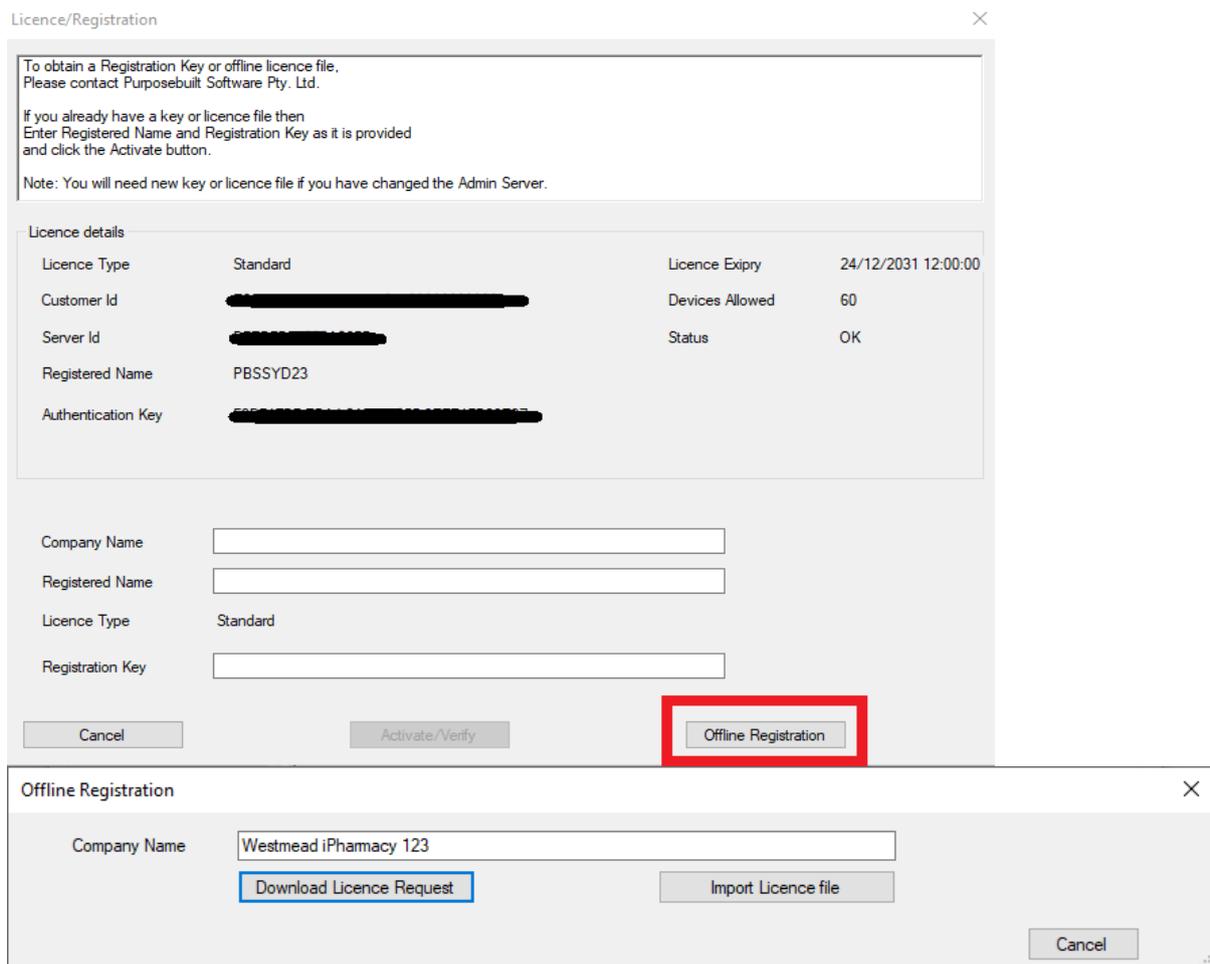
5.1 Add Licence

Select 4. Licence from the buttons menu



To add user specific license key, contact Purpose Built Software for details on the registered company name, if not received with your installation file.

Select "Offline Registration" – enter company name into the field and "Download Licence Request". Send this file to support@purposebuilt.com.au.



*If you do not have or are unable to locate your licence file, please contact Purpose Built Software Support Team.

*Keep the license file safe to be used later on if you have to reinstall InStock Server.

6. Reference Data

When the **Download Folder** setting is configured correctly and there are reference files in the folder, the service will start loading the reference files. You can see loading progress in the Admin console.

The screenshot displays the InStock Admin interface for Westmead Hospital. The main content area is divided into several sections:

- Devices:** A table listing two devices: Device-5 (GUID: 9d734e3d73e26b11) and Device-3 (GUID: 58e8a0982c04c077). Both are active and have authentication enabled.
- Reference Files:** A table showing the progress of loading reference files. The table is highlighted with a red border in the original image.
- Services:** A list of services including InStock Server Service, InStock Data Service, InStock Message Service, and InStock File Transfer Service, all of which are running successfully.
- Message Log:** A log of recent messages, including online and offline status changes for Device-5 and Device-3.

File Name	Last Update	File Size (KB)	Total Records	Records Loaded	Status
cat_ctr.bt	13/03/2023 11:08 AM	15	533	533	Ready
imp_id.bt	13/03/2023 11:08 AM	8	222	222	Ready
imp_tem.bt	13/03/2023 11:08 AM	1,199	18,311	18,311	Ready
imp_loc.bt	13/03/2023 11:16 AM	4	155	155	Ready
prod_uom.bt	13/03/2023 11:20 AM	804	22,205	22,205	Ready
product.bt	13/03/2023 11:16 AM	893	10,253	10,253	Ready
str_loc.bt	13/03/2023 11:30 AM	10	241	241	Ready

Services

Service Name	Status
InStock Server Service	Running
InStock Data Service	Running
InStock Message Service	Running
InStock File Transfer Service	Running

Message Log

```
2023-03-16 08:55:43 From [Device-5] To [Admin] Message [Online]
2023-03-16 08:55:43 From [Device-3] To [Admin] Message [Offline]
2023-03-16 08:55:45 From [Admin] To [Admin] Message [Online]
2023-03-16 08:55:45 From [Device-5] To [Admin] Message [Online]
2023-03-16 08:55:45 From [Device-3] To [Admin] Message [Offline]
```

7. Setting up your MC33X Device

Your MC33X has pre-installed two apps.

1. PBS Launcher App
2. InStock App

7.1 PBS Launcher App

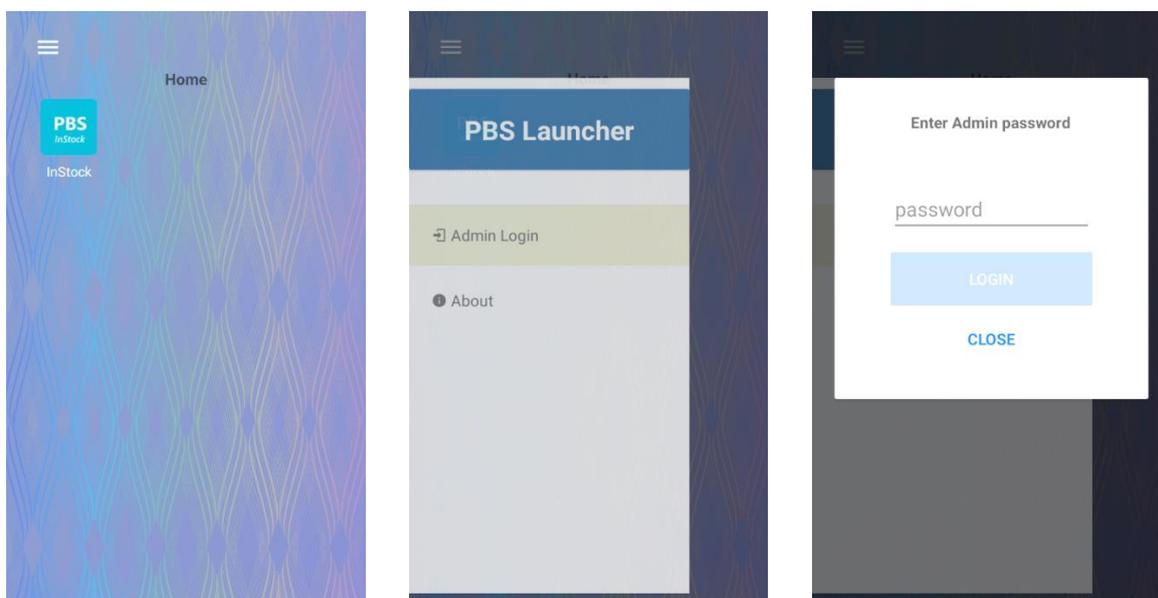
PBS Launcher app is designed to provide administrators control access to apps and settings on the device. Launcher app easily limits usage to apps and prevent changes to device settings and lockdown the file system.

If PBS launcher app is not running then find the icon on the device screen and run it.

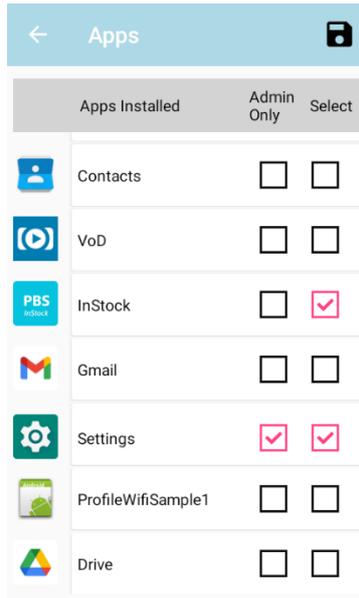
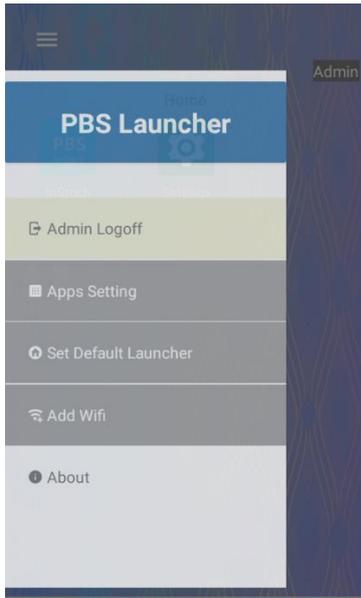
7.1.1 Setting up Apps

To add apps on the launcher home screen,

Login as Admin user.



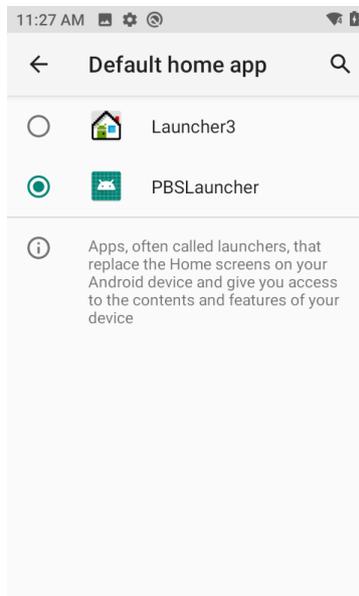
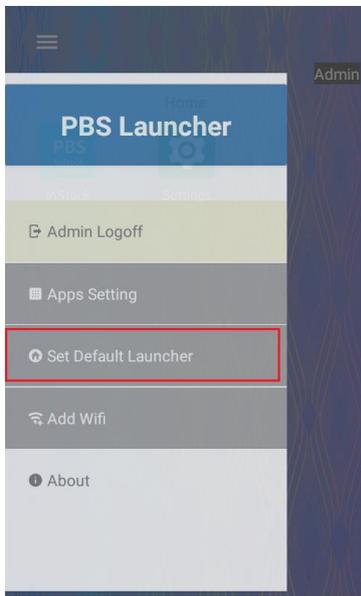
Select Apps Settings option from the fly menu and select the app(s) you want to add on the home screen and save. You can also mark apps for **Admin Only**, those apps will be available only after logged in as admin (Admin mark will be shown top right on the home screen when logged in and disappeared when logged off).



7.1.2 Setting Default Launcher App

To prevent users to access the default android screen, PBS Launcher must be selected as the default launcher app.

To change default launcher app, select the 'Set Default Launcher' option from the fly menu, and select PBS Launcher. To access the default android home screen, you can change it anytime but make sure PBS Launcher is the default when you handover the device to the user.



Note: After changing PBS Launcher as the default, the device may need to be restarted.

7.2 InStock App

Launch the InStock app on your MC33X by pressing P1 key or tap the InStock app icon on the home screen.

7.2.1 Adding Wi-fi Connection

There are three ways you can add wi-fi connection.

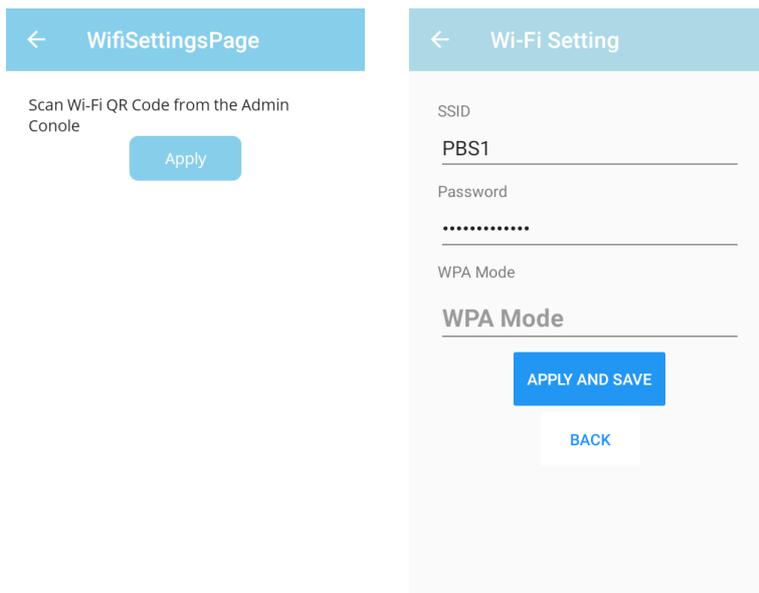
1. Using Android Settings app
2. Using PBS Launcher option
3. Scanning Wi-Fi settings QR code from the InStock app.

For option 1 and 2, you will need to access the Android's Settings app or select Add Wi-fi option from the fly menu. You can achieve this after login as Admin.

To adding by scanning QR code, in InStock app go to the fly menu and select Utilities->Scan Wi-fi QR code.

On the Admin console application, go to Settings->Device App Settings. Fill the Wi-Fi settings parameters and save, see [here](#) for details. After saving the details, you can generate QR code. Now on the device launch the InStock app press and scan it.

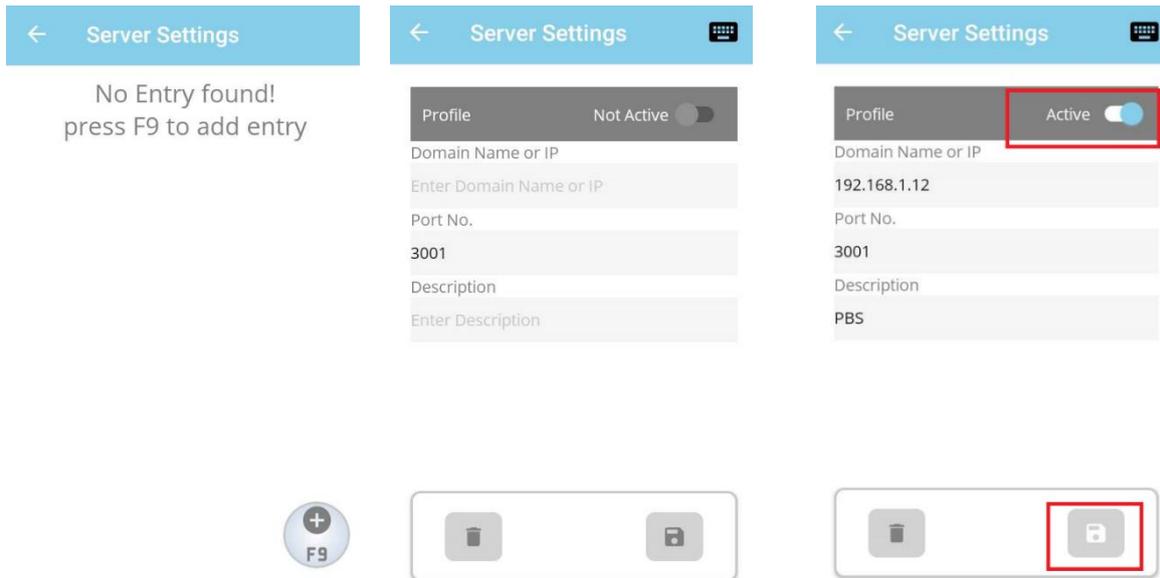
After scanning, press the Apply button and you will get to the Wi-Fi PBS Launcher with the pre-filled details. Tap on the Apply and Save button, this will prompt for Admin password if you are not already logged in. Tap Apply and Save button again after login to add the connection. If parameters are correct, the device will be connected to the Wi-Fi. Logoff as admin and press P1 from the device keyboard to get back to the InStock app.



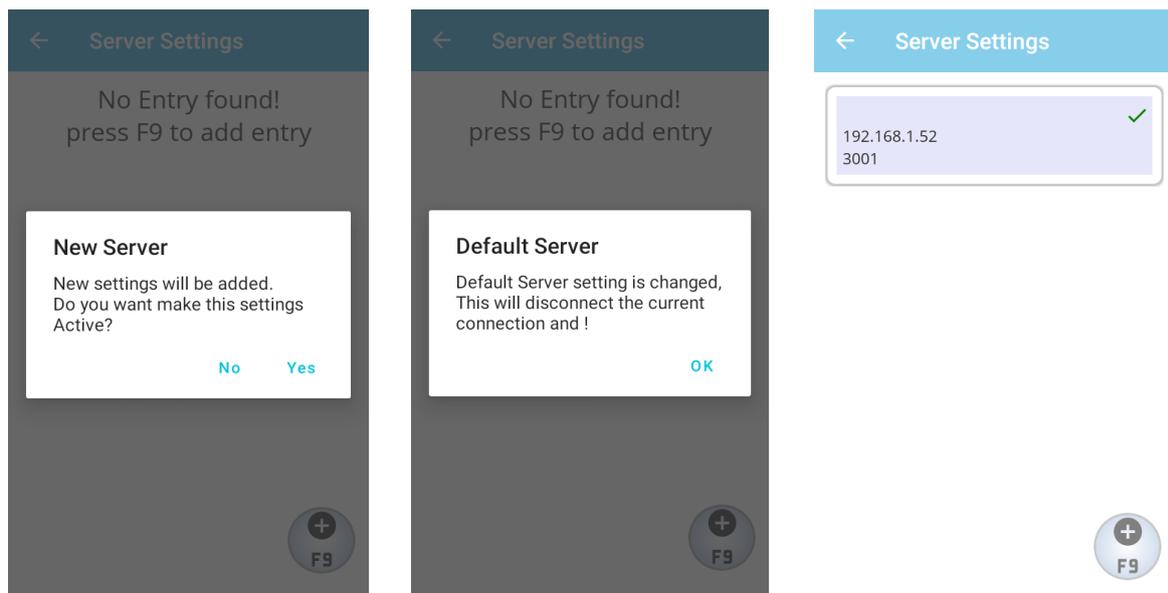
7.2.2 Configure Server Settings

If there is no server setting on the app then the app will request server settings. You can add it manually by pressing F9 here (or tap on the round fly button) or scan a Settings QR code from the Admin console application.

Adding manually. IP Address detail can be found in the InStock Admin console settings tab.

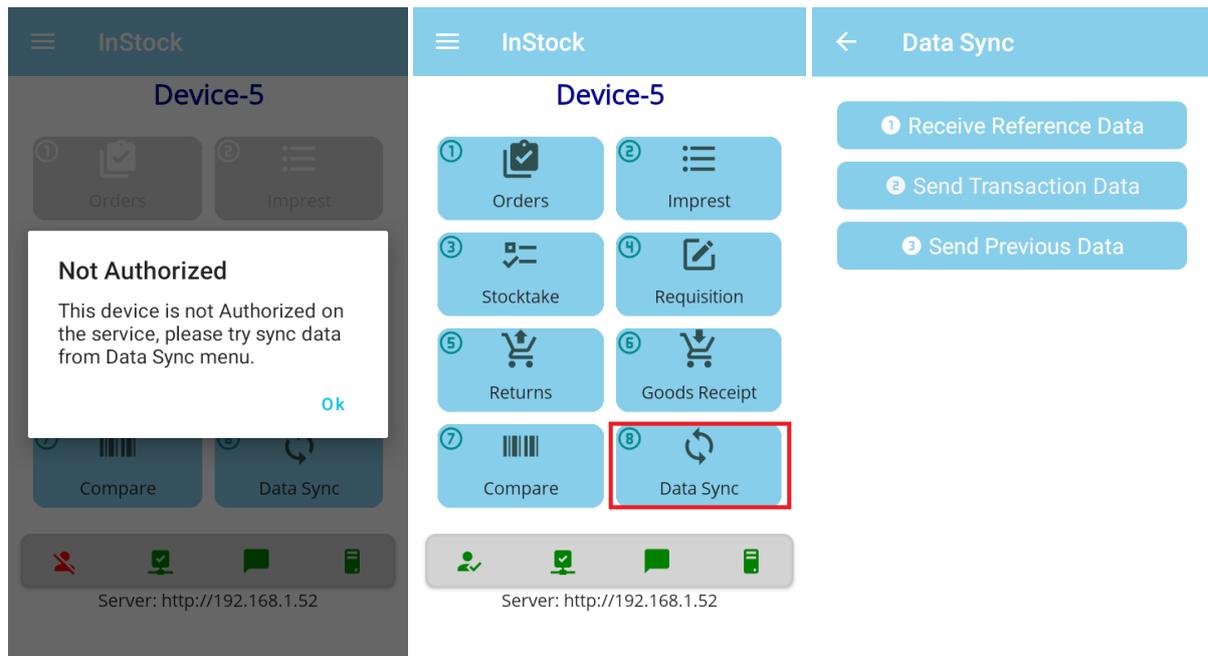


Adding by scanning QR code.



Note: At least one setting must be active or default to connect the backend server.

Go to the home screen and **Not Authorized** message will be shown. Go the Data Sync menu and sync data from the option 1.



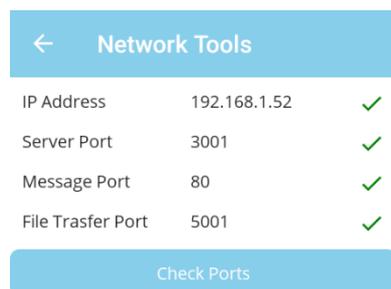
Mark server profile as Active and save changes. Navigate to home screen using the back icon.

7.2.3 Settings Device Name

By default, each device will get a name **Device-1**. It may change when the device is registered with the Admin console/Server and the name was already occupied by another device.

7.2.4 Check Server Connectivity

You can check server ports connectivity on the device from Utilities>Network Tools, if needed.



7.2.5 Download Reference Data

From the main screen, select 8. Data Sync, 1. Receive Reference Data, 1. Start.

The first screenshot shows the 'InStock' main screen for 'Device-5'. It features a grid of icons: Orders (1), Imprest (2), Stocktake (3), Requisition (4), Returns (5), Goods Receipt (6), Compare (7), and Data Sync (8). The 'Data Sync' icon is highlighted with a red box. At the bottom, there is a status bar with icons for user, connectivity, messages, and battery, and the text 'Server: http://192.168.1.52'.

The second screenshot shows the 'Data Sync' menu with three options: '1 Receive Reference Data', '2 Send Transaction Data', and '3 Send Previous Data'. The '1 Receive Reference Data' option is selected.

The third screenshot shows the 'Data Receive' screen with a '1 Start' button at the top. Below the button, a list of data items is shown, all marked as 'Ready' with a green checkmark:

- Cost Centre (533)
- Imprest (222)
- Imprest Item (18311)
- Imprest Location (155)
- Product UOM (22205)
- Product (10253)
- Store Location (241)

Setup is complete.