

InStock

INSTALLATION GUIDE

V3.0.1.0

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Before You Begin

Before starting the installation, confirm the following requirements are available:

- A supported Windows 10 x64 or Windows 11 x64 host PC.
- Local administrator access for software installation and configuration.
- The InStock Admin Console installer
- Network access between the host PC and scanner device.
- Wi-Fi network details for the scanner device.
- Required InStock service ports are permitted between the host PC and scanner device.
- The Zebra or Honeywell Android scanner device supplied or staged for InStock.
-

The PBS Launcher and InStock applications are pre-installed on supplied scanner devices. If either application is unavailable, contact PBS Support before continuing.

Email: support@purposebuilt.com.au

PH: (02) 9906 7300

2. Installation

2.1 Scanner Device (Android)

The PBS Launcher and InStock applications are pre-installed on the scanner device. If you cannot locate either application, contact PBS Support by email or phone.

2.2 Client Host Console (Admin Console)

2.2.1 Local PC Installation

The local PC installer is available from the Purpose Built Software website:

<https://www.purposebuilt.com.au/instock-console-download/>

Alternatively, request the installer by emailing:

support@purposebuilt.com.au.

The download provides the full application installer, which includes:

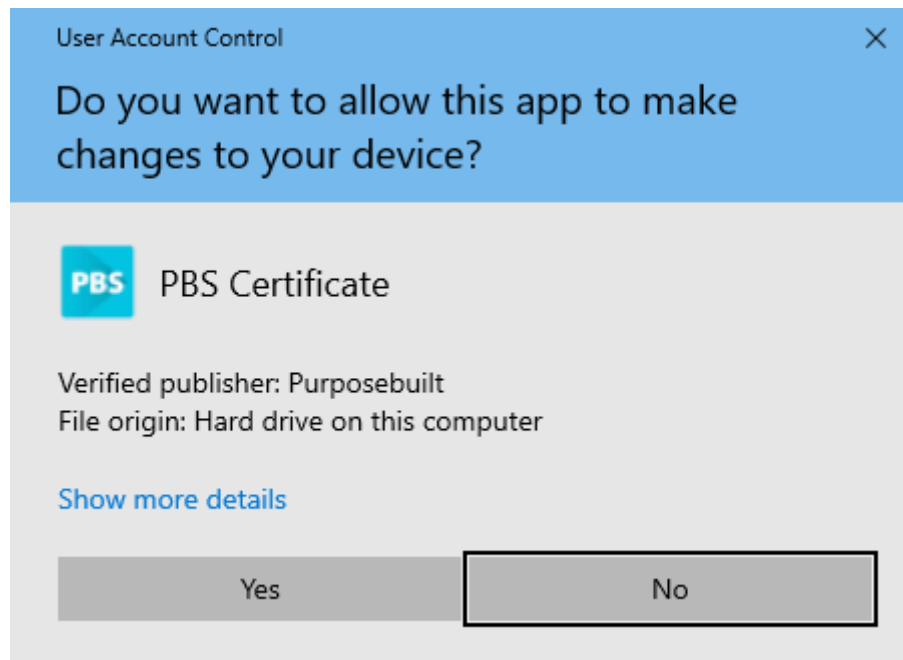
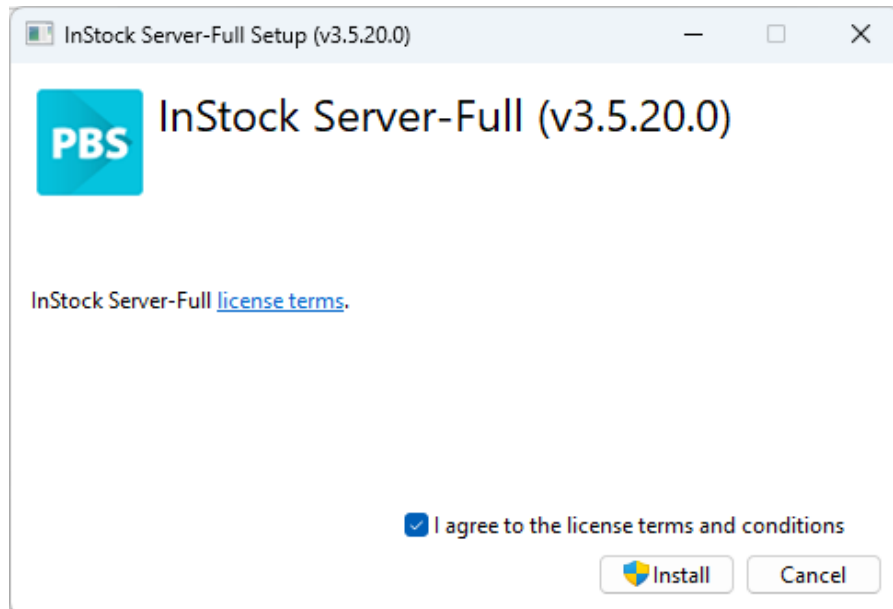
1. Microsoft .NET Framework 4.8.1
2. Microsoft Windows Desktop Runtime 8.0.30
3. Latest InStock Admin Console v3.5.20.0

Right-click the installer and select Run as administrator. Windows will ask for permission to make changes to the computer.

Administrator privileges are required only during installation. Depending on the user account configuration, an administrator may need to install .NET Framework 4.8.1 and Microsoft Windows Desktop Runtime 8.0.30 before running the InStock Standard Installer for version 3.5.20.0 or later.

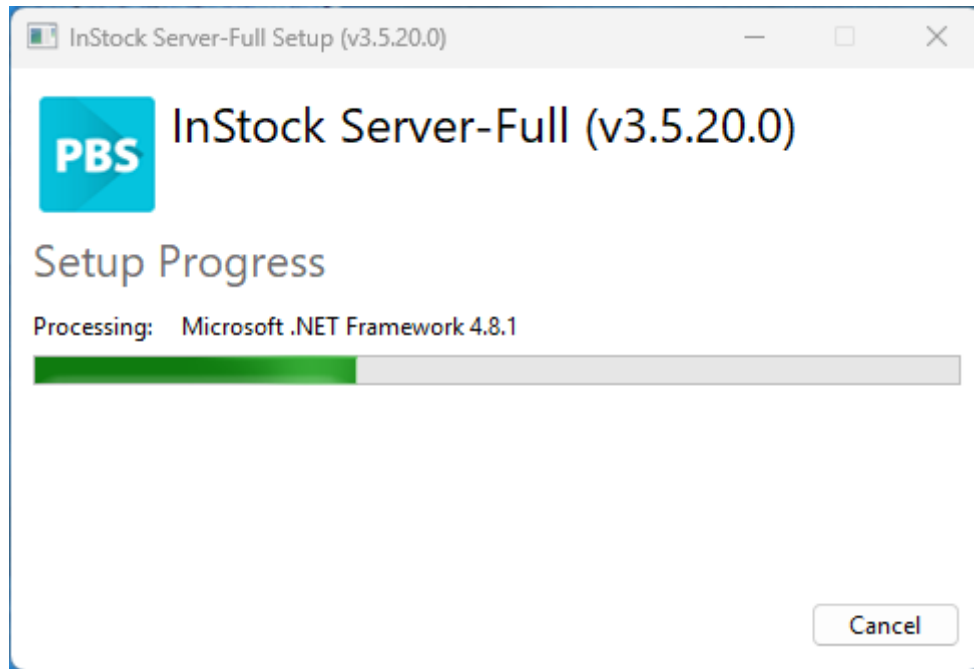
Run the installer and follow the on-screen instructions. The installation steps are described below.

Accept the licence terms and conditions, then select Install.

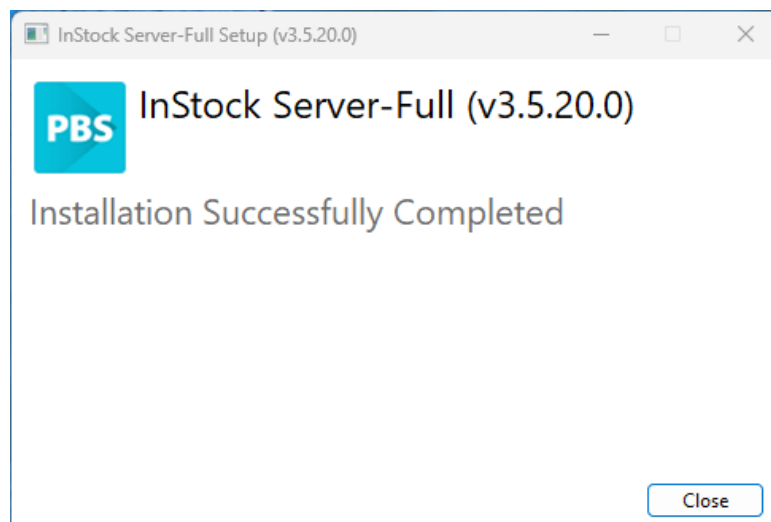


Select Yes to install the certificate.

The installation process begins.



A Setup Successful message appears when installation is complete.



Select Close to exit the installer.

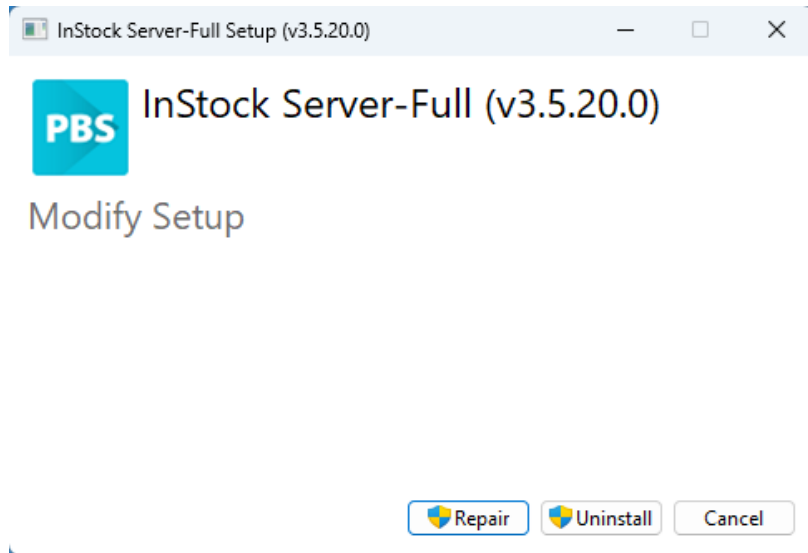
When installation is complete, an InStock shortcut appears on the desktop.

Double-click the shortcut to open the InStock Admin Console.



2.2.2 Run the Installer on an Existing Installation

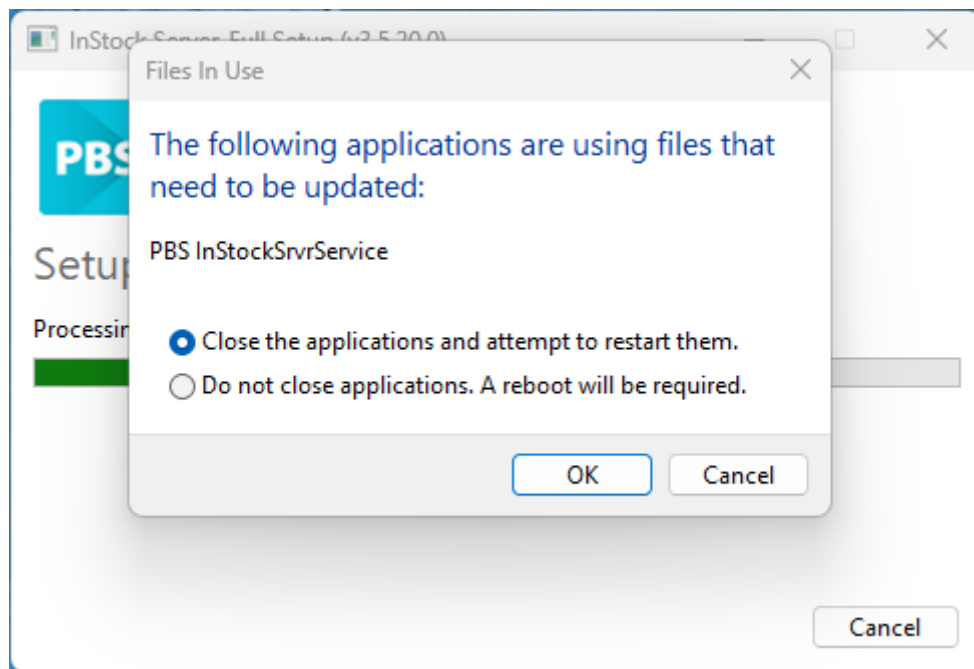
If InStock is already installed and you run the same installer, the Repair and Uninstall options are displayed.



Note: Use Repair to resolve installation issues when required.

2.2.3 Upgrade from Version 1.0.40.0

Upgrading from the previous version follows the same process as a new installation. You may be prompted to stop each running service before the upgrade continues.



Note: Upgrading to the latest version also migrates existing data to the current format.

3. InStock Admin Console

The InStock Admin Console is a desktop application installed on the PC that hosts the backend server. Use the Admin Console to manage backend services, registered devices, reference and transaction data files, logs and related system settings.

3.1 Configure Settings

Selecting settings from the inStock Admin Console. Follow steps to configure.

3.1.1 Network Settings Tab

The screenshot shows the 'Settings' window with the 'Network' tab selected. The interface includes several sections: a top bar with tabs (Site Setting, Network, Device App Settings, App Store, Update Centre, Reference File Settings); a 'Data handling mode' section with a checkbox and a note; a 'Network Path Access Admin Credentials' section with fields for Domain Name, User, and Password, and checkboxes for download and upload locations; a 'Network Setting (For Devices)' section with dropdowns for IP Address, Message Service, Server Service, Data Service, and File Transfer Service; a 'WARNING' section; a 'Generate Network Settings QR Code' button; and a 'Save Settings' button. Red numbered callouts (1-8) highlight specific elements: 1 points to the data handling mode checkbox; 2 points to the Domain Name field; 3 points to the 'Use credentials to access DOWNLOAD LOCATION' checkbox; 4 points to the 'Use credentials to access UPLOAD LOCATION' checkbox; 5 points to the IP Address dropdown; 6 points to the QR code; 7 points to the 'Generate Network Settings QR Code' button; and 8 points to the QR code's zoom/export icon.

1. Data handling mode
2. Network Credentials for Shared Network Locations
3. Use Network Credentials to Access the Download Location
4. Use Network Credentials to Access the Upload Location
5. Server IP address and port settings used by the backend services and devices to connect to the server
6. QR code scanned by devices to add or update server settings
7. Generate Network Settings QR code
8. Zoom or export QR code
9. Save settings

Data handling mode	Data handling mode switches between backend and frontend handling of the reference and transaction data. Admin Console (or frontend) option should only be used if Download or Upload location is a network shared location and backend service is unable to access location with full privileges.
Network Credentials for shared locations	Network Credentials can be used to access network shared location. Required only when Download or Upload location is a network shared location and backend service is unable to access location with full privileges.

Setting to use Network Credentials to access Download Location	Select this option to use network credentials for accessing Download Location.
Setting to use Network Credentials to access Upload Location	Select this option to use network credentials for accessing Upload Location.
Server IP and Port	Server IP address and port settings used by the backend services and devices
Generate Network settings QR code	Network settings QR code can be scanned by devices to add, update or switch server settings. This QR code can also be scanned from the 'Send Transaction Data' screen to upload transactions.
Zoom or export QR code	Zoom or export QR code or save QR code to a file

3.1.1.1 **Configure IP Address**

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

Save the settings. You will be prompted to restart the services. If the Admin Console is running as an administrator, it can restart the services automatically; otherwise, restart the computer.

A prompt also appears when the application starts if the IP address has not been configured.

3.1.2 Device App Settings Tab

From the 'Device App Settings' tab, you can customise the device app behaviour. The device will sync the settings automatically. **This feature is implemented for InStock application version V2.1.29 and above.**

Settings

Settings | Device App Settings | App Store | Update Centre | Task Scheduler | Reference File Settings

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

☐ Server QR Code scanning is required for data upload
Note: This setting is best for multi Admin Console environment.

Save

Wi-Fi Settings

SSID: MyWifi

Password:

Security: WPA/WPA2

Generate Wi-Fi QR Code | Save

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.

- Device App Settings
- Configure the behaviour of the InStock application running on the device.*
- Enter Wi-Fi settings used to generate a Wi-Fi settings QR code.**
- Generate the Wi-Fi Settings QR code
- Wi-Fi Settings QR code - Scan This Code to Add a Wi-Fi Network to a Device

* Requiring a server QR code before data upload is useful in multi-PC environments. When enabled, the user must scan the server QR code before each Send Transaction Data operation.

** Save the Wi-Fi settings before generating the QR code. The settings are stored and transferred in encrypted form.

3.1.3 Site Settings Tab

	Id	Site Name	Short Name	Download Location	Upload Location	Create On	Update On
▶	1	PBS HO	DFLT	C:\inStock\downloa...	C:\inStock\upload\	20260804111209	20260804111853

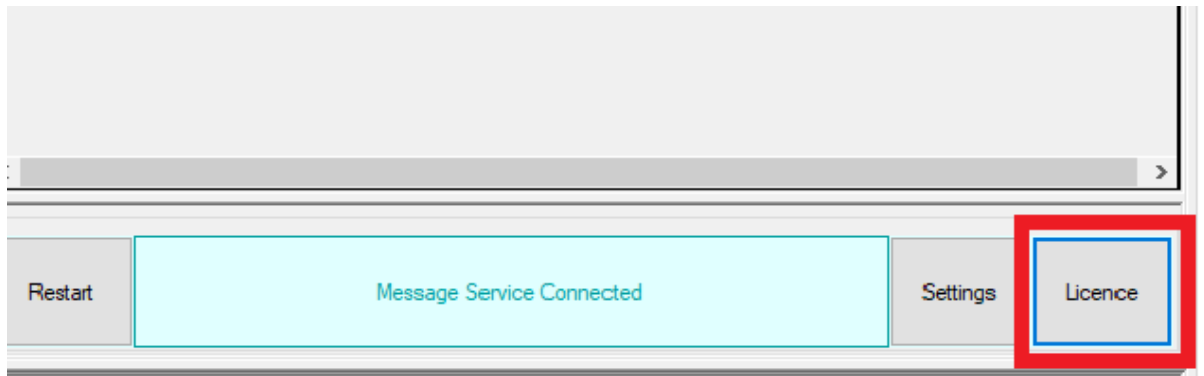
Site Settings was introduced in version 3.5. All devices enrolled in the Admin Console are associated with a site. Currently, only the default site can be used for all devices.

Download Location	Download Location is the location of the reference files. Reference files reads automatically or on demand by the services and send to devices on request.
Upload Location	Upload Location is the location where transaction files are uploaded from the devices.

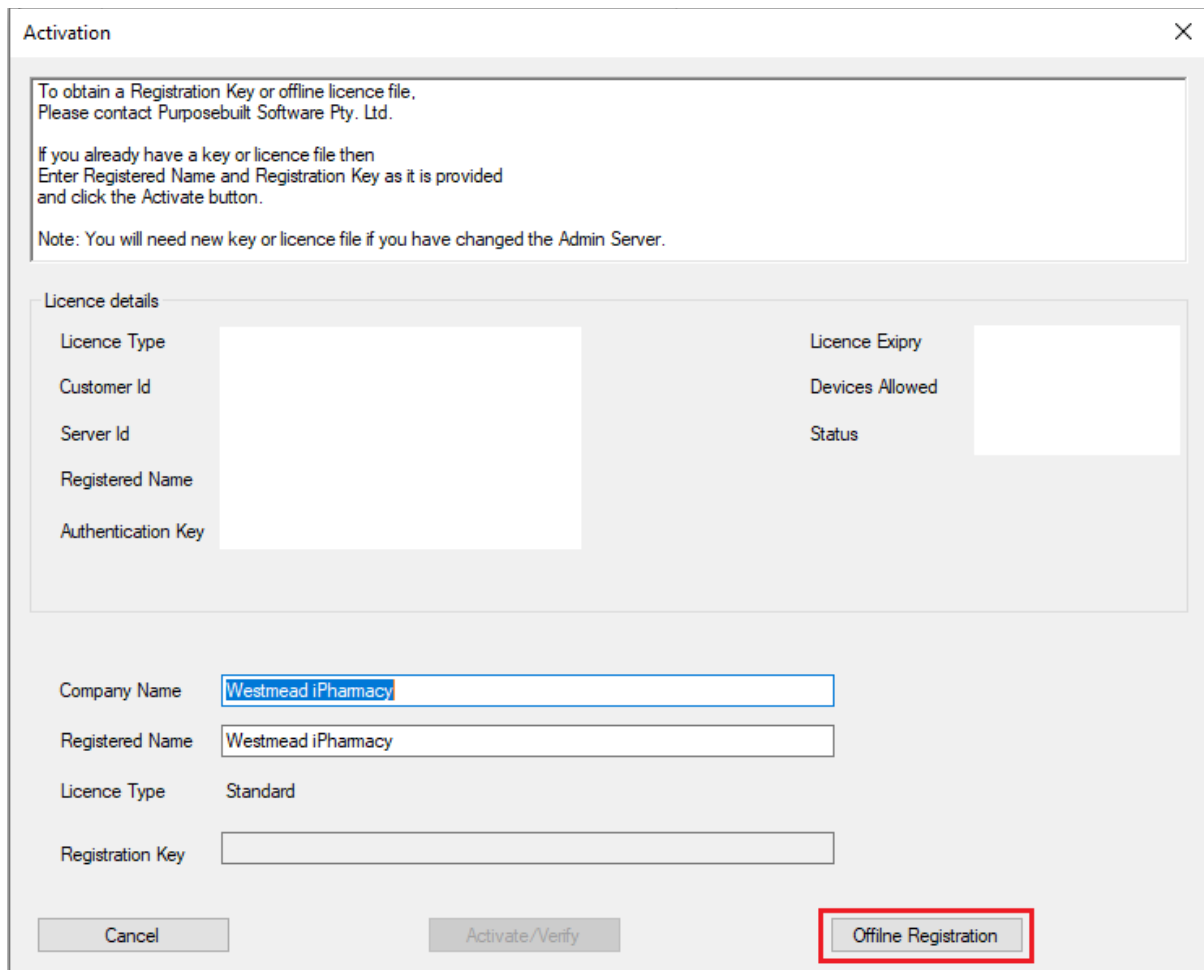
Important: Shared folders must be entered in UNC format, for example `\\AnotherPC\SharedFolder\Send`. A mapped network drive is converted to its UNC path automatically. The computer or service account running the InStock services must have the required permissions for the folder.[\\AnotherPC\SharedFolder\Send](#)

3.2 Register and License the Application

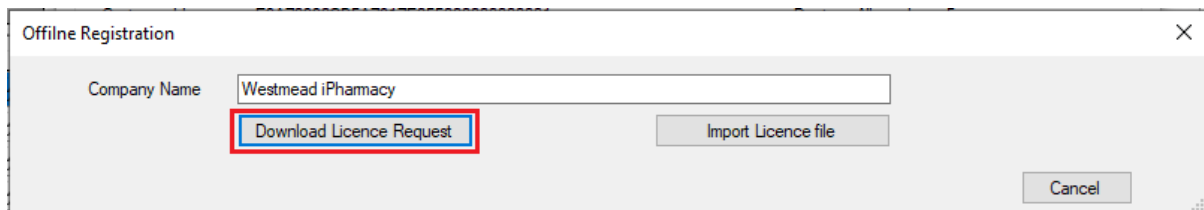
To register InStock, select the Licence button.



The activation window displays the current licence status.



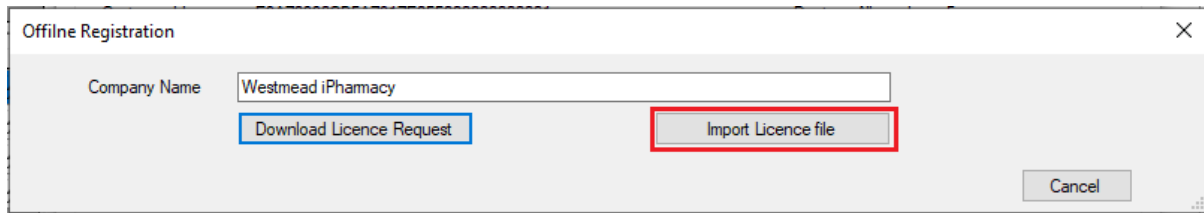
Select Offline Registration. The offline registration window appears.



Select Download Licence Request, then save the request file.

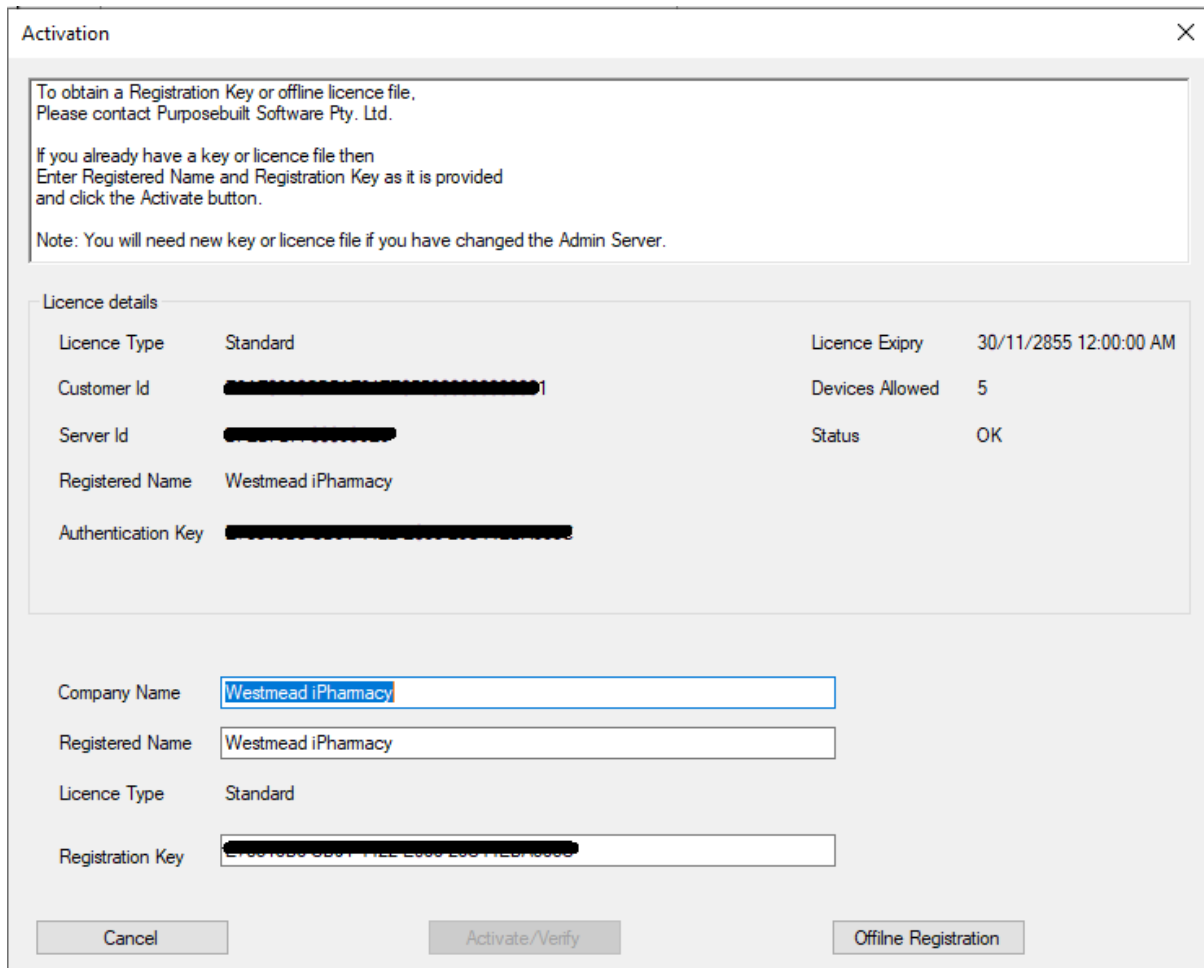
Send the request file to Purpose Built Software email support@purposebuilt.com.au RE: "Licence request" .

When you receive the licence file, import it from the same window.



The 'Offline Registration' window contains a text field for 'Company Name' with the value 'Westmead iPharmacy'. Below this field are two buttons: 'Download Licence Request' and 'Import Licence file'. The 'Import Licence file' button is highlighted with a red rectangular border. A 'Cancel' button is located in the bottom right corner.

After registration is completed successfully, the licence details appear in the activation window.



The 'Activation' window displays instructions and licence details. The instructions section states: 'To obtain a Registration Key or offline licence file, Please contact Purposebuilt Software Pty. Ltd. If you already have a key or licence file then Enter Registered Name and Registration Key as it is provided and click the Activate button. Note: You will need new key or licence file if you have changed the Admin Server.'

The 'Licence details' section shows the following information:

Licence Type	Standard	Licence Expiry	30/11/2855 12:00:00 AM
Customer Id	[REDACTED]	Devices Allowed	5
Server Id	[REDACTED]	Status	OK
Registered Name	Westmead iPharmacy		
Authentication Key	[REDACTED]		

Below the licence details, there are input fields for 'Company Name' (containing 'Westmead iPharmacy'), 'Registered Name' (containing 'Westmead iPharmacy'), 'Licence Type' (set to 'Standard'), and 'Registration Key' (containing a long alphanumeric string). At the bottom, there are three buttons: 'Cancel', 'Activate/Verify', and 'Offline Registration'.

4. Set Up the Scanner Device

The scanner device has two pre-installed applications:

- 4.1 PBS Launcher App
- 4.2 InStock App

PBS Launcher is pre-installed and configured by Purpose Built Software. It restricts access to device settings and unauthorised applications. Administrator access may be required when configuring Wi-Fi or other device settings. Contact PBS Support if administrator access is required.

- 4.3 InStock App

Launch the InStock app by selecting the InStock icon from the device home screen.

4.3.1 Adding Wi-Fi Connection

There are two ways you can add Wi-Fi connection.

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

To add by Android settings, close inStock app, open flymenu and enter admin mode. Android settings will appear.

To add 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.

4.1.2 Adding Server Setting

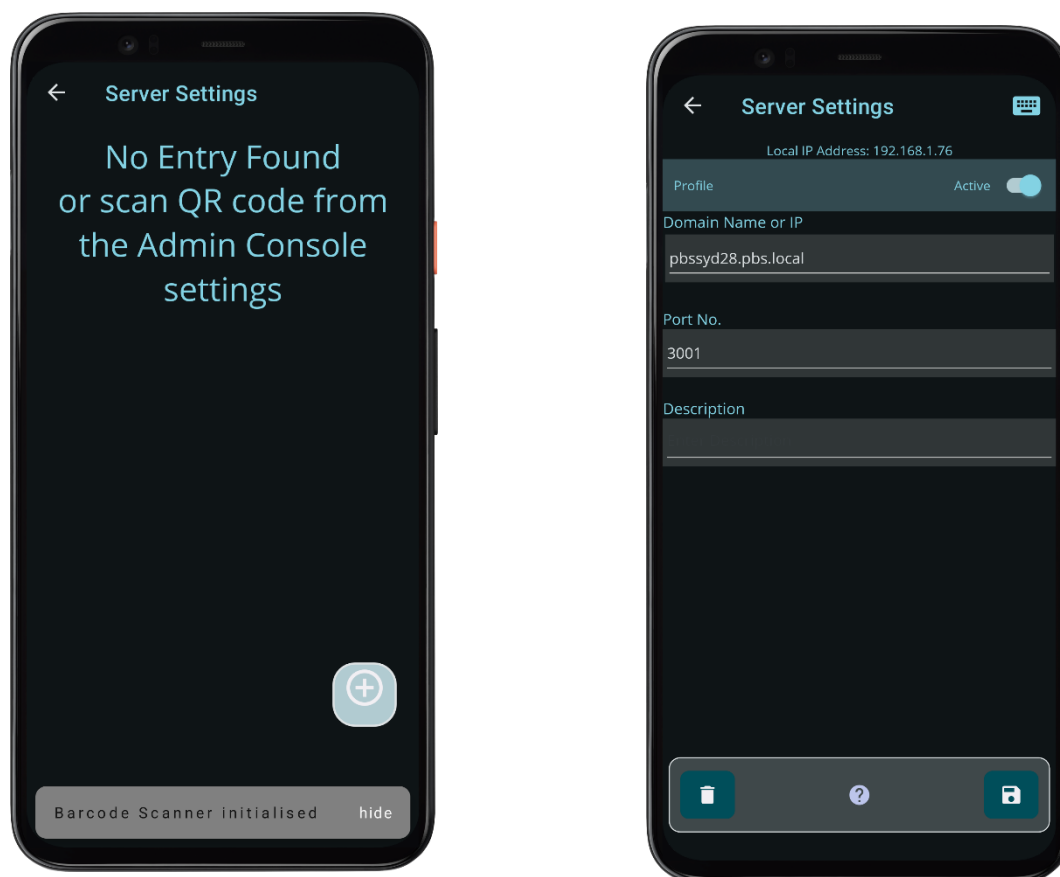
To connect a new device to the InStock Admin server, open the menu in the upper-left corner of the main screen, then select Settings > Server Settings. From this screen scan the Network Settings QR code generated by the Admin Console.

To add a server manually, tap the plus icon or press F9 on devices equipped with a supported hardware keyboard. Enter the server details, set the server as active and save the settings.

The device will appear in the Devices Panel of the InStock Admin Console. It is possible to use the same device across multiple servers, however only one server can be connected at any one time. If the active toggle is set to on, that will be the default server for that device.

When adding a new server, a prompt will ask to Restart the app.

You can add as many server settings as required. This is useful in a multi-server environment where server switching is required for download and upload data.



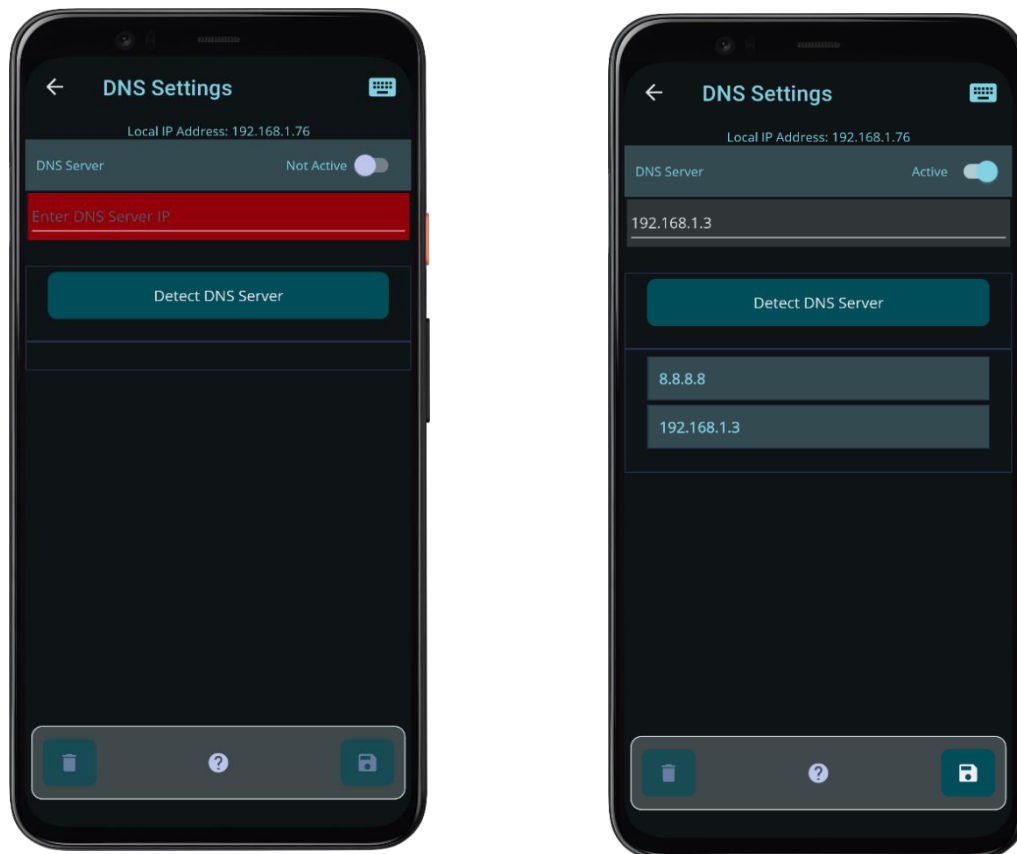
4.3.3 Custom DNS Setting

Custom DNS Settings: Available in InStock app version 3.5.19.10 and later

Configure DNS Setting from InStock app fly menu -> Utilities -> Network tools -> dots menu -> DNS settings.

DNS Settings allows you to add a custom DNS server. This is useful when dynamic IP is in used, the app will automatically detect the server's new IP. Using Check button from the Network Tools screen will also resolve IP if was not updated automatically.

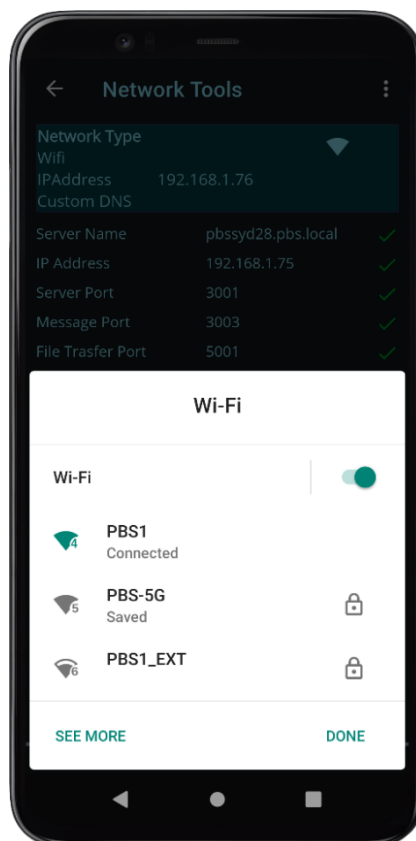
Note: Custom DNS setting will only be used when setting is Active. Make sure the correct setting is used.



Wi-Fi Settings:

Wi-Fi settings enable the user to

- Enable Wi-Fi
- Disable Wi-Fi
- Connect Network
- Disconnect Network



Installation Complete

Before commencing use, confirm the following:

- ☐ InStock Admin Console opens successfully.
- ☐ InStock services are running.
- ☐ Server IP address and required ports are configured.
- ☐ Scanner is connected to the network.
- ☐ Scanner is registered and visible in the InStock Admin Console.
- ☐ Reference data is available to the scanner.
- ☐ Data synchronisation has been successfully tested.

Your InStock system is now ready for use.

Troubleshooting and Support

InStock Services

If the InStock services do not start, run the installer and select Repair, as described in the Installation section.

You can check the health of each service using the following endpoints:

Server Service: `http://localhost:32761/health`

File Service: `http://localhost:32762/health`

Message Service: `http://localhost:3003/health` (use the configured port if it has been customised)

Advanced Wi-Fi Configuration

For advanced Wi-Fi security configurations, sign in to PBS Launcher as an administrator and use the Android Settings application. Refer to the applicable device manufacturer documentation for network-specific configuration requirements.

5. Minimum System Requirements

5.1 Admin Console

Operating System

Windows 10 x64 October 2020 Update (version 20H2)

Windows 11 x64

.NET Runtime Requirements

- .NET Framework 4.8.1
- .NET 8.0.30 Runtime

Open Ports

Service Name	Default Port
Server Service	3001
Data Service	3002
Message Service	3003
File Service	5001

These ports support communication and data transfer between the InStock Admin Console desktop application and the InStock Android application. The ports must be accessible from each scanner device.

5.2 InStock App (Android)

Supported Devices/Scanners: Zebra and Honeywell Android mobile computers

Supported Operating System: Android 10+

Supported LAN Connectivity: Wi-Fi; Ethernet cradle connectivity is supported on applicable Zebra configurations.