



Electronic Warehouse Manager

Bluetooth Setup Scanners & Scales

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Chapter 1

Software Licensing Agreement



1 Software Licensing Agreement

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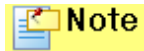
Chapter 2

Barcode Scanning Device Setup

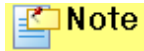


2 Barcode Scanning Device Setup

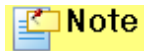
Before you can begin using your Bluetooth barcode scanner it must be configured. Follow the process below to get your scanning devices ready to use. Our instructions are written for a Socket Bluetooth Cordless Hand Scanner Series 7 model **7P**, **7Pi** which is supported by the **EWM** application and the Android OS.

**Note**

In version 1.1.0 support for the Socket Series 7 model **7Xi** scanner was implemented. Users with this model scanner should select the "socketchs7Xi" driver when adding the scanner through the Device Manager.

**Note**

Please read the manufacturer's documentation for your specific device since each manufacturer will have their own Command Barcodes or Programming Codes used to perform the scanner configuration process.

**Note**

Bluetooth Scales: Please consult the product manual for information about any setup or configuration that may be required.

Why do you configure the scanner?

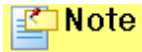
This scanner by default is shipped in HID (Human Interface Device) mode which emulates a keyboard. HID mode can not be used to scan barcodes in your warehouse. So part of the configuration process is to change the scanner's mode to SPP (Serial Port Profile) mode to gain a broader character set, multiple configuration options and be able to roam between tablet devices.

The other important task done during the configuration process is to enable barcode symbologies. This is done so the scanner will recognize the barcode symbologies commonly used in the food distribution business.

Before you begin configuring your scanner...

1. Fully charge your scanner.
2. Make sure the scanner is not connected to a computer or other device before you begin scanning command barcodes.
3. Print the Socket Mobile Programming Codes sheet on the next page. Be sure the printed programming codes are very crisp and clear. You will need these codes on paper so you can scan them during the scanner configuration process.
4. If the scanner is already on, it's best to reboot it (turn it off and then on again). Cycling the power ensures the scanner will program properly.

***** Print this page for use in the scanner set up process. *****



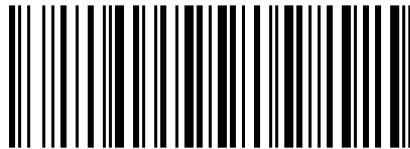
Due to variations in manufacturing, actual sounds may differ. We have found that 99% of the time the tones will sound as described below. You may encounter slightly different variations of scanner beeps.

SOCKET MOBILE PROGRAMMING CODES

These codes will configure the *Socket 7* series barcode scanner for proper use with the *Electronic Warehouse Manager*.



1



Factory Reset

On success, you will hear **3 rising tones**, and **5 descending tones**.

2



Switch to Serial Mode

On success, you will hear **3 rising tones**.

3



Report 'Symbol' Symbology Codes

On success, you will hear **nothing**, but the laser will **immediately shut off**.

* Actual sounds heard may differ due to manufacturer variations.

Configuring the Socket Series 7P Barcode Scanner

1. Ensure that the barcode scanner is charged and turned on.
 2. You will scan each of the SOCKET programming codes on the supplied sheet starting at the top.
 3. First, scan the **Factory Reset** programming code to perform a complete factory reset clearing the device.
 - On success, you will hear 3 rising tones and then 5 descending tones.
 - On failure... rescan the programming code.
 4. After the **Factory Reset** code is scanned, the scanner will automatically turn off. You will need to turn the scanner on again.
 5. Second, scan the **Switch to Serial Mode** programming code to switch the device into SPP (Serial Port Profile) mode.
 - On success, you will hear 3 rising tones.
 - On failure... rescan the programming code.
 6. Third, scan the **Report 'Symbol' Symbology Codes** to enables all the supported barcode symbologies in the device.
 - On success, nothing is heard but the scanner will immediately shut off.
 - On failure... rescan the programming code.
-

Chapter 3

Adding Bluetooth Scanners & Scales

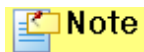


3 Adding Bluetooth Scanners & Scales

In simple terms adding a barcode scanner to **EWM** can be broken down into two parts. First you make the Android OS aware of the scanner in this section of the chapter. Then you make the **EWM** application aware of the scanner in the [Bluetooth Device Management in EWM](#) section of this chapter.

Android OS

The Android OS **Settings** screen on the tablet is where the IP Address is entered so that you can connect your tablet to your Host Server via your local wireless network. There are also settings to configure any Bluetooth devices and load the drivers onto the tablet.




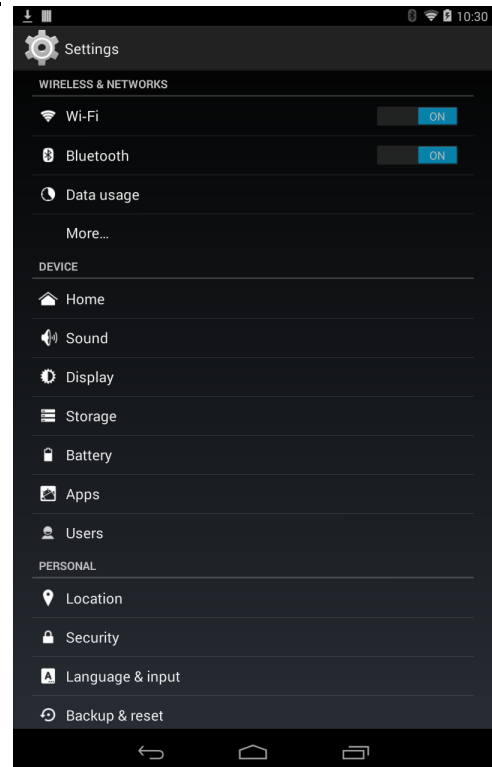
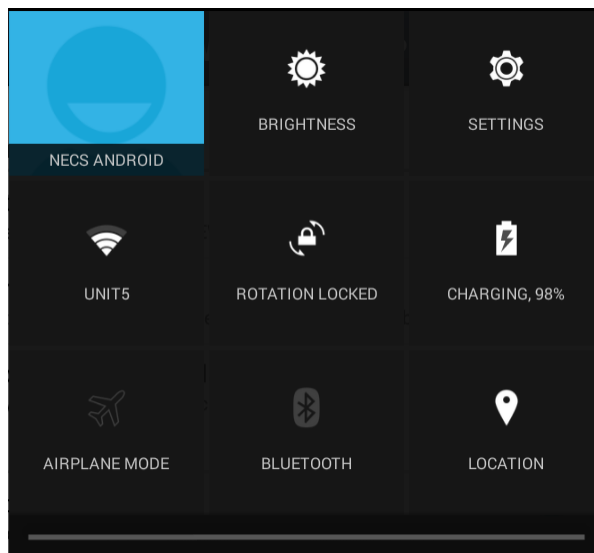
Note

Some Bluetooth devices may require a password or pin code during this process. Please review the information about your specific Bluetooth device to see if a password or pin code is required for the pairing process.

First Access the Android OS Settings screen

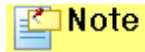
1. From the tablet desktop swipe down with your finger on the **right** side of the Android Status bar at the top of the screen to reveal the **Settings** Shortcut panel.

2. Tap the **Settings** icon  to open the Settings screen (right).



Second, Add Bluetooth Devices & Drivers in Android OS Settings

1. From the **Settings** screen go to the **Wireless & Networks** section.
2. **Bluetooth** should be "**ON**" if you have completed the steps in the **Tablet Setup** chapter. If Bluetooth is not "**ON**", tap and drag right to move the setting to "**ON**".
3. The Bluetooth scanning device you would like to pair with the tablet should be turned on at this time.

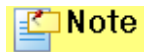


Note Tablets must be paired to some Bluetooth devices. This means only the tablet paired with the scanning device will be able to communicate with that specific device, like a hand scanner.

4. Tap **Bluetooth** in the **Settings** screen to open the Bluetooth Settings.

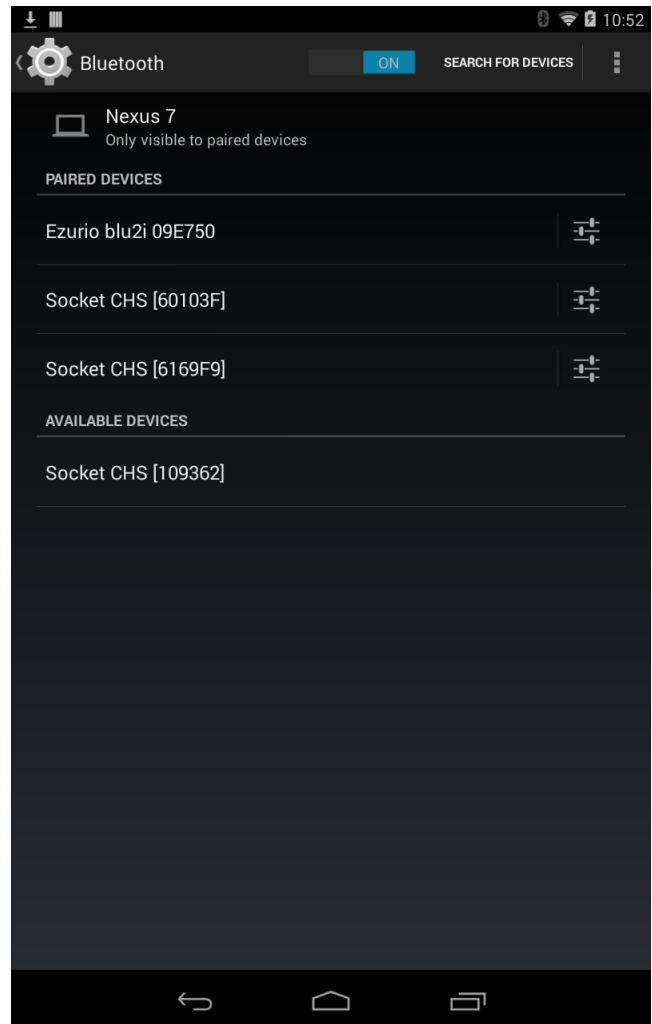
5. Tap **Search for devices**.

The device you turned on should show up in the **Found devices** list.

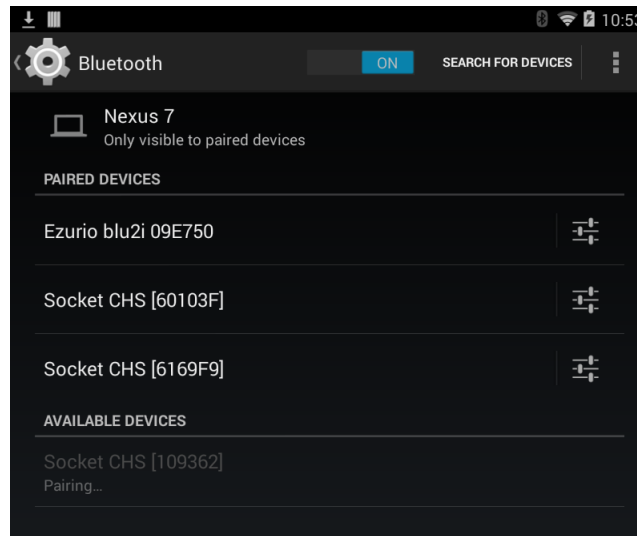


Some Bluetooth devices may require a password or pin code at this time.

Please review the information about your specific device to have the password or pin code required for this pairing process.

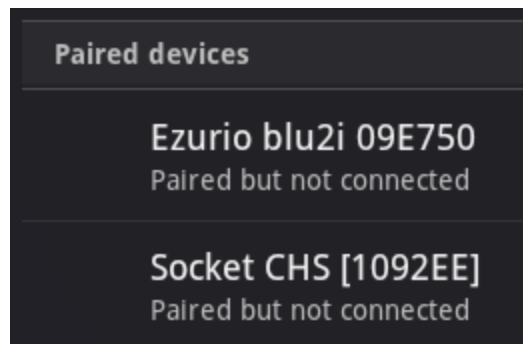


6. Tap the device in the list to pair with the tablet. You will see the the "**Pairing...**" message under Available Devices.



7. When pairing is complete you will see the "**Paired but not connected**" message below the device in the Paired devices section.

This means that the tablet is connected to the device but **EWM** has not been connected to the device yet.



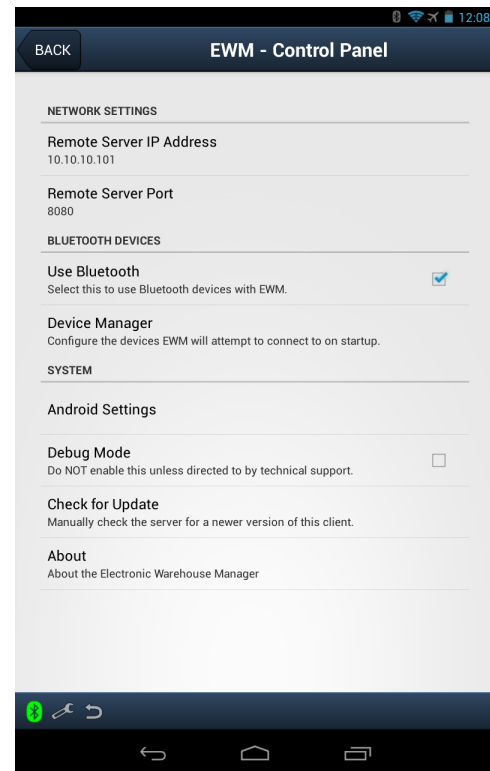
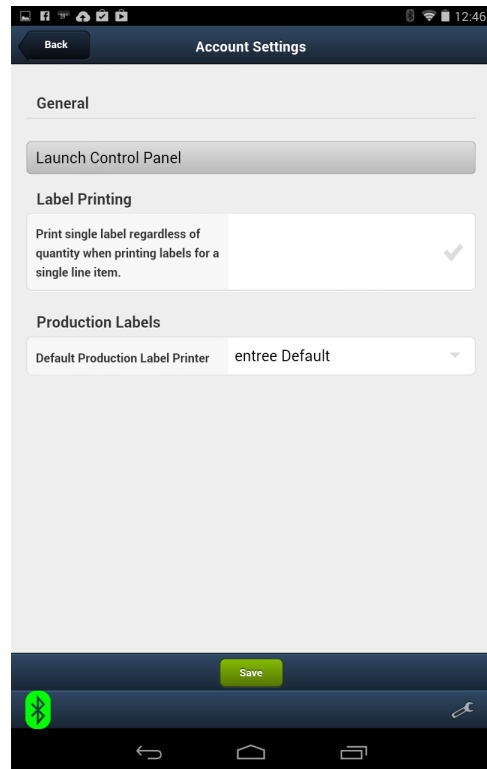
8. Now you have to connect the device to **EWM**. Tap the **Home** icon in the bottom tool bar.

Next proceed to [Bluetooth Device Management in EWM](#).

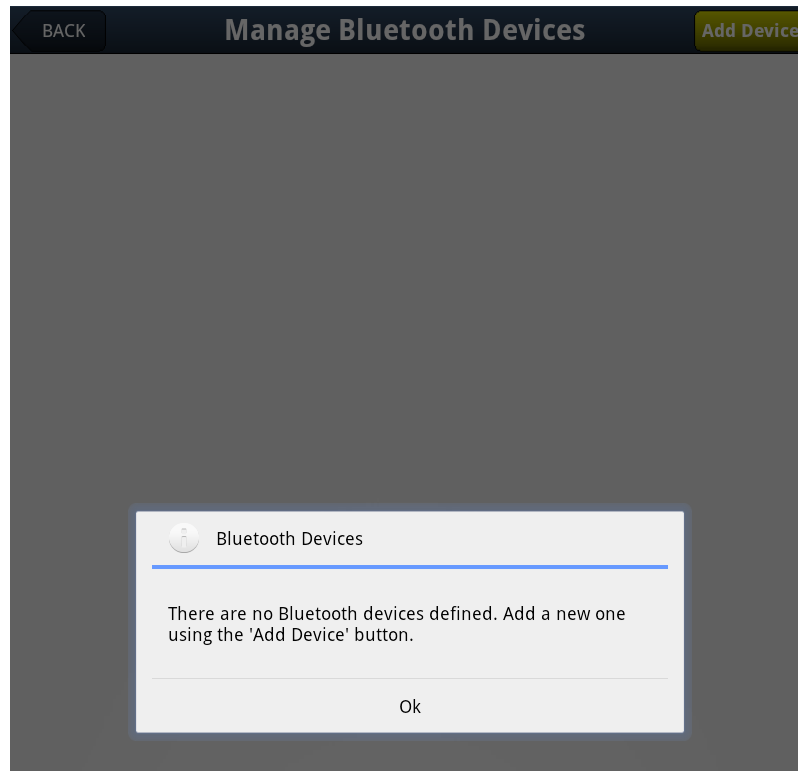
3.1 Bluetooth Device Management in EWM

Managing Bluetooth Devices in EWM

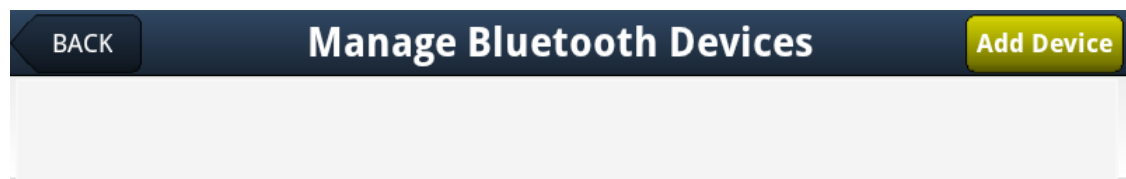
1. The **EWM Sign-In** screen will open. Sign-in to the **EWM** application with your Username and Password.
2. Tap the **Settings** option in the **EWM** main menu.
3. Tap the **Launch Control Panel** button.
4. Under **Bluetooth Devices** tap the **Device Manager** option.



5. A message will display saying "**There are no Bluetooth devices defined. Add a new one using the Add Device button**". Tap **OK**.

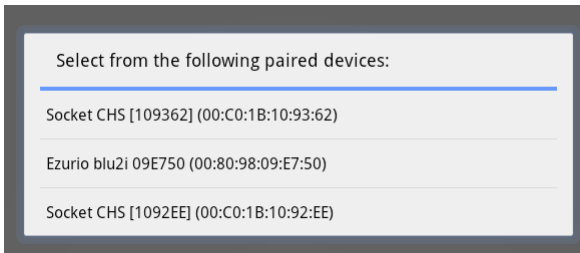


6. The **Manage Bluetooth Devices** screen will display. Tap the **Add Device** button at the top and the **New Bluetooth Device** screen will display.

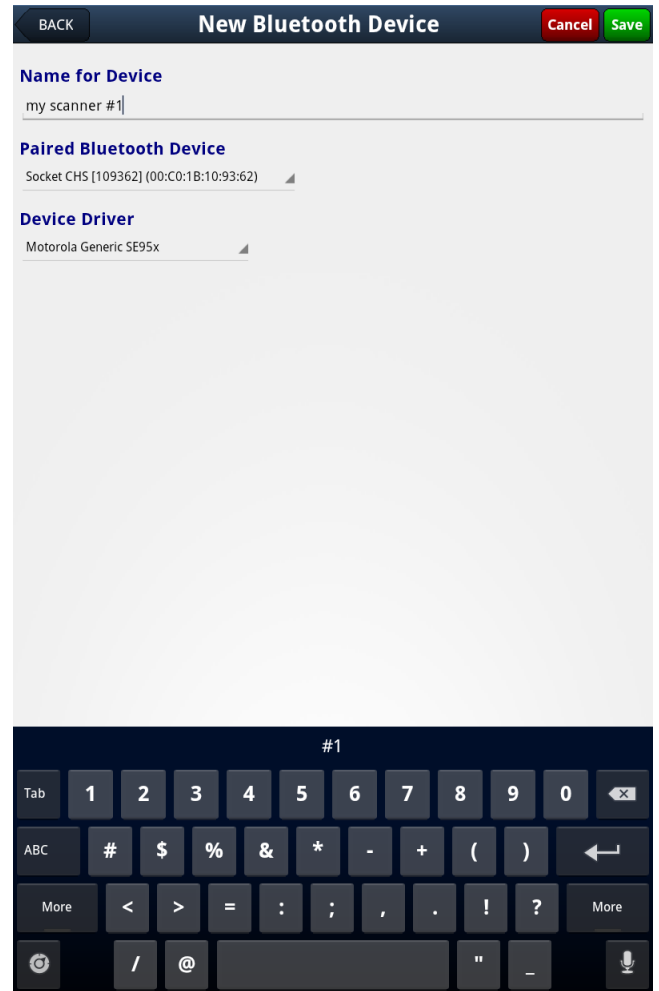


7. In the **New Bluetooth Device** screen fill in the following:

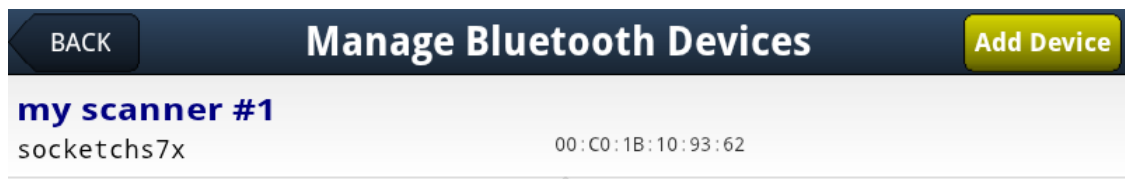
- a. In the **Name for Device** field enter a name for the device.
- b. **Paired Bluetooth Device** tap the arrow to reveal the drop down list and select the device hardware.



- c. **Device Driver** tap the arrow to reveal the drop down list and select the correct driver for your device.
- d. Tap **Save** in the upper right corner when you are done.



8. You will now see the newly added Bluetooth device name in the **Manage Bluetooth Devices** screen. In our example you see "my scanner #1".



9. Tap **Back** to return to the **Control Panel, Manage Bluetooth Devices**.

10. Tap **Back** again and in the **Account Settings** screen tap **Save**. You will now be on the **EWM** main menu screen.

Chapter 4

Contact NECS



4 Contact NECS



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