

Bluetooth® Pairing

A Field User's Guide to Pairing and Connecting an RFID Reader to a Personal Digital Assistant (PDA)

Purpose & Scope: This job aid provides pairing instructions for the Trimble PDA and the Allflex RFID Reader on one side, and the Symbol PDA and Destron Digital Angel RFID Reader on the other side. Refer to the *MIM Wiki* for additional information: <https://cowebapps02.aphis.usda.gov/mimWiki/>

Trimble PDA & Allflex RFID Reader Pairing Instructions



All Trimble PDA units are embedded with Bluetooth capability. This allows it to wirelessly communicate with other Bluetooth devices, such as RFID Readers, that are within 30 feet of the PDA. Some, but not all, PDA screens involved in the process have been included in this job aid for visual assistance with instructions.

Step #1: Ensure Bluetooth is enabled on the PDA.

Tap *Start/Settings/Connections/Wireless Manager/Bluetooth/On*.



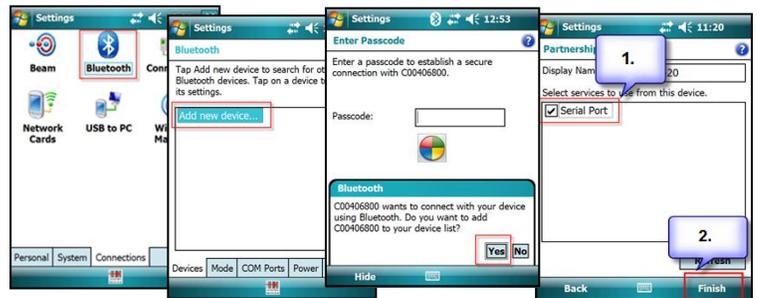
Step #2: Create partnership for Allflex RFID reader.

2.1 Turn on the reader.

Press and hold down the green trigger for a few seconds. The first time the Allflex RS320 reader is turned on, it enters a discoverable state so your host PDA can perform a device discovery and establish a Bluetooth connection.

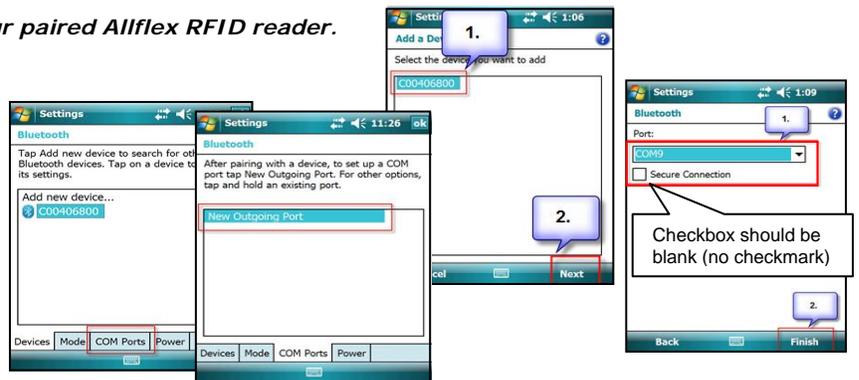
2.2 Pair the reader.

- Tap *Start/Settings/Connections/Bluetooth*.
- Tap *Add new device*.
- Tap on *your discovered RFID device*, to select it from the list.
- Tap *Next*.
- Skip the passcode and tap *Next*.
- Tap *Yes* to add the reader to your device list.
- Tap *Cancel*. Select *Serial Port*, and tap *Finish*.



2.3 Assign outgoing COM Port for your paired Allflex RFID reader.

- Tap *Com Ports* tab.
- Select *New Outgoing Port* in Bluetooth setting.
- Select your paired Bluetooth Allflex reader on the list, and tap *Next*.
- Accept the default port from the picklist (usually *COM 8* or *9*).
- **Reject the Secure Connection option** by tapping on the default checkmark to remove it from the checkbox. See screenshot to the far right.
- Tap *Finish*.



Symbol PDA & Destron Digital Angel RFID Reader Pairing Instructions



All Symbol PDA units are embedded with Bluetooth capability. This allows it to wirelessly communicate with other Bluetooth devices, such as RFID Readers, that are within 30 feet of the PDA. Some, but not all, PDA screens involved in the process have been included in this job aid for visual assistance with instructions.

Step #1: Ensure Bluetooth is enabled on the PDA.

Tap **Start/Settings/Connections/Wireless Manager/Bluetooth/On**.



Step #2: Create partnership for your Destron Digital Angel RFID reader.

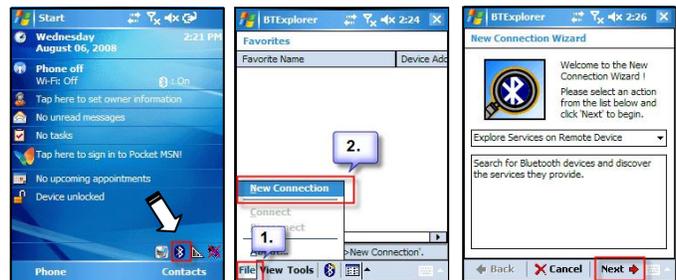
2.1 Turn on the reader.

Press and hold down the red trigger for a few seconds, until the red power light stays on. The first time the Destron reader is turned on, it enters a discoverable state so your host PDA can perform a device discovery and establish a Bluetooth connection.

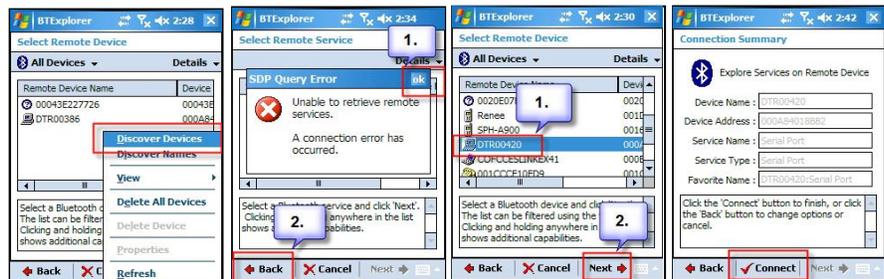
2.2 Pair the reader.

Before pairing the Destron reader to the PDA, identify the Bluetooth security code provided by the manufacturer for the reader. The code is often located on the handle of the reader (labeled the wireless code).

- From the blue *Today* screen shown to the right, tap **Bluetooth icon**, and select **Show BTE Explorer**.
- Tap **File**, and select **New Connection**.
- Tap **Next**.
- Right click with your stylus, and select **Discover Devices**.
- Select your RFID reader from the list.
- Tap **Next**.



- Note: If you see the error message shown to the right, close the message and tap Back.*
- Make sure your RFID reader is still selected.
 - Tap **Next**.
 - Select **Serial Port**, and tap **Next**.
 - Tap **Next**, tap **Connect** on the Connection Summary screen.



2.3 Assign outgoing COM Port for your paired Destron RFID reader.

- Select **COM9** from the Local COM Port picklist, and tap **OK**.
- Select your paired RFID reader, tap **File**, and select **Disconnect**.
- Tap **Yes** when message prompt appears.
- Tap **X** to close BTE Explorer.

