

IMD Wireless—cell phone attachment

The Postal Service recently has introduced a cell phone attachment to the scanner that letter carriers use to provide near real-time scan information to customers. The following is the stand-up talk USPS is giving to letter carriers using this new cell phone attachment.

IMD Wireless Introduction

In order to stay competitive in the parcel business and continue to grow its customer base, the Postal Service has introduced a new initiative that enables near real-time scanning and Global Positioning System (GPS) architecture. The program is called IMD Wireless and will pair the existing scanner (IMDAS) to a cell phone via Bluetooth technology. Pairing these devices will allow carriers to continue their scanning duties as usual while improving service level consistency. Here is a description of the simple activities that will need to be performed by the users. There also are passive activities that will occur which will also be described.

Process

- Retrieve cell phone at the same time as IMDAS scanner.
- Begin with cell phone and IMDAS scanner in off position.
- Turn both cell phone and scanner on.
 - Wait for both to be full powered.
- Pair cell phone and IMDAS scanner.
 - At “User Type” screen on IMDAS (Figure 1: User Type), select either:
 - a.) Number 4 “On-Street motorized wireless” if a postal owned vehicle is used on the route.
 - b.) Number 5 “On-Street walking wireless” if there is no postal owned vehicle on the route.
 - The pairing is initiated by a scan of the BT Address Barcode on the cell phone (Figure 2: Barcode).
 - A successful pairing will be indicated by a screen on the IMDAS scanner (Figure 3: Successful Pairing).
- If the pairing is unsuccessful, return the cell phone to your supervisor.
 - Retrieve new cell phone and repeat the above steps.
- Once paired, the cell phone should be holstered and remain with the carrier for the rest of their day.
- Cell phones will be carried by employees at all times they are on the street performing delivery or pick-up duties.
- When you return to the office, follow locally established protocol for the return of scanners and cell phones to their designated areas. This enables:
 - Cradling for the device for charging.
 - Charging of the cell phone.



Figure 1: User Type

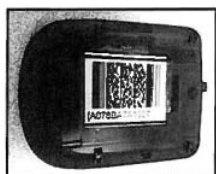


Figure 2: Successful Pairing

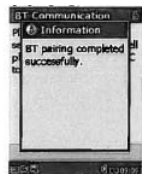


Figure 3: Successful Pairing

Communication

- The cell phone will be used to transfer data from the IMDAS to USPS systems.
- The IMDAS is configured to transfer data automatically.
- IMDAS scanner will be unavailable during data transfer.
 - Availability depends on the amount of data transferred, but the time could be up to 90 seconds initially.
 - The IMDAS will inform you of the status of the device during the transmission activity (Figure 4: Upload).
- Carriers may see a prompt to make a choice to either commence data transfer, or postpone the transfer (Figure 5: Prompt).
 - If you see this prompt, it will be displayed over the current screen at the time of the automatic transfer attempt.
 - The purpose of the prompt is so that the carrier can postpone the transfer.
 - Choosing this option will postpone the prompt for two minutes.

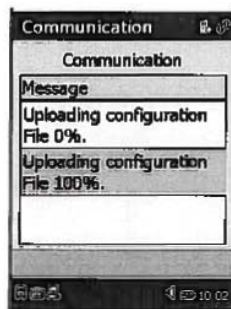


Figure 4: Upload

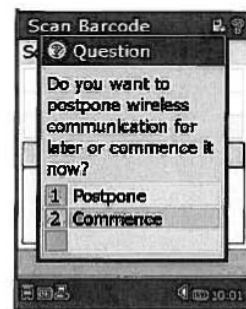


Figure 5: Prompt

- Carriers can also force a data transfer so that the prompt (and subsequent unavailability of scanner during transfer) does not interfere with other scans.
 - From the “On Street” menu, select Number 9, “Transmit data (Figure 6: Forced Transmission).”
 - This transmission process will begin automatically when selected.

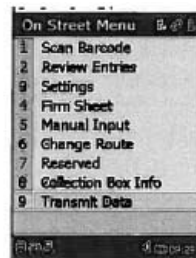


Figure 6: Forced Transmission

- Once the communication is finished, the IMDAS automatically displays the last screen before the transmission.