



October 29, 2020

**RECEIVED**

**NOV 1 2020**

Mr. Brian J. Wagner  
President  
National Association of Postal  
Supervisors  
1727 King Street, Suite 400  
Alexandria, VA 22314-2753

Dear Mr. Wagner:

As a matter of general interest, the Postal Service is updating the Mobile Delivery Device (MDD) and Mobile Delivery Device-Technical Refresh (MDD-TR) to enhance the device functionality.

Release 7.25 includes:

- Apply regular scan barcode workflow into Dynamic Delivery
- Change of Address – MLNA (Moved Left No Address)
- Modify the Uncommitted Data Warning Message from 20 minutes to 1 minute
- Logic update in supporting Geo flag population in MED106
- Enable Geo Alert in Dynamic Delivery
- Add additional Vibration for hearing-impaired carriers
- Add new Global Direct Entry STCs
- Incorporate updated CoPilot version into MDD APK
- Fix incorrect annunciation for DR as "drive" versus "doctor"

National implementation is scheduled for the MDD and MDD-TR on November 9.

We have enclosed the final draft copy of the MDD/MDD-TR Release 7.25 Service Talk for your review.

Please contact Bruce Nicholson at extension 7773 if you have questions concerning this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "David E Mills", with a stylized flourish at the end.

David E Mills  
Manager  
Labor Relations Policies and Programs

Enclosure



MDD and MDD TR Release 7.25 will be deployed nationwide on 11/09. New features introduced in the release include:

- Apply regular scan barcode workflow into Dynamic Delivery
- Change of Address – MLNA (Moved Left No Address)
- Modify the Uncommitted Data Warning Message from 20 minutes to 1 minute
- Logic update in supporting Geo flag population in MED106
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- Add new Global Direct Entry STCs
- Fix incorrect annunciation for DR as “drive” versus “doctor”

## Dynamic Delivery Regular Scan Workflow- Carriers

### Background

Dynamic Delivery workflow needs to be modified to flow similarly as Regular Scan Barcode mode.

### Changes on MDD

MDD application is modified to offer the same confirmation events and workflow as the regular Scan Barcode for Dynamic Delivery.

Coloring stops and packages also added:

Coloring on Stop level:

If a stop has multi packages and not all of them are scanned, then whole stop stays **Blue**.

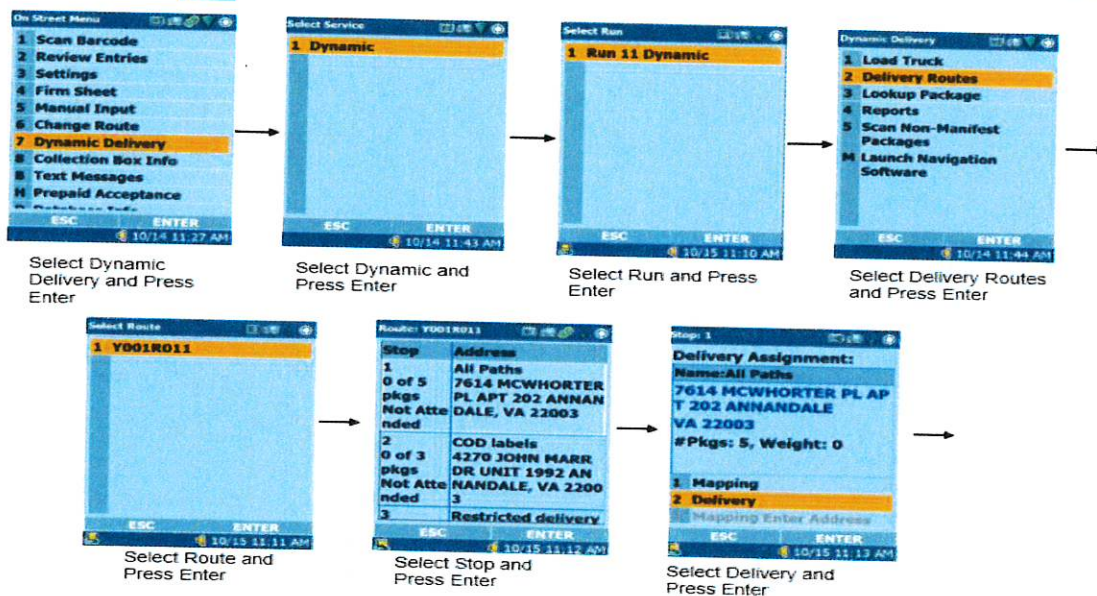
A stop turns **Green** if any single package at the stop is scanned and a confirmation event is applied.

Coloring for Packages inside stop:

Package delivered with option 1. Delivered = **Green**;

Delivered with any other option: (2. Attempted; or 3. Return to Sender..., or 4. Other) = **Yellow**;

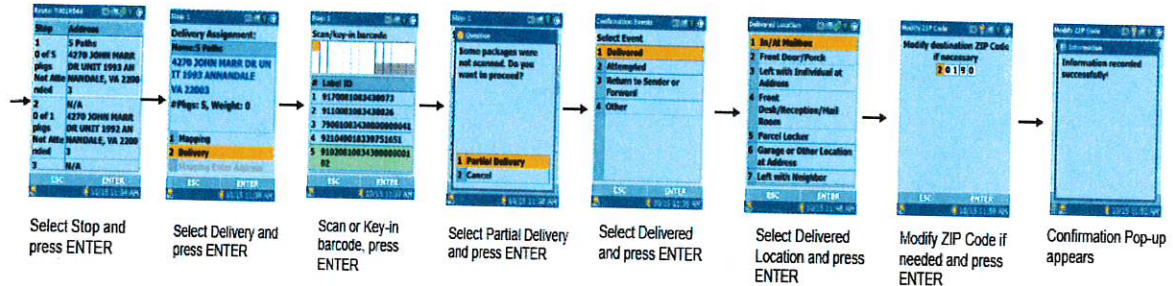
Not scanned = **Blue**



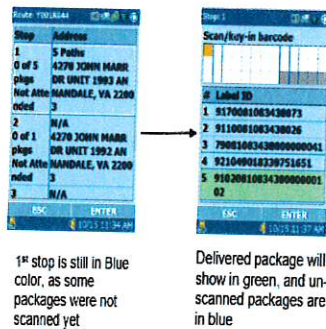




## Scanning Non-Signature Multiple Labels Transaction in Dynamic Delivery

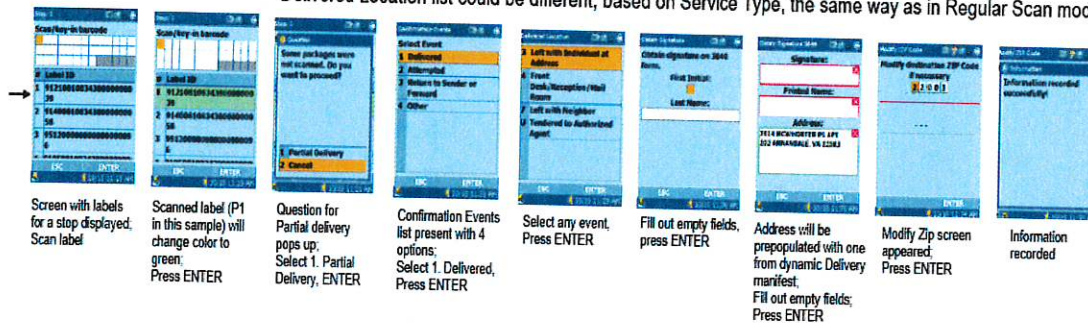


Coloring On Stop level:  
If stop has multi  
packages and not all of  
them scanned, then  
whole stop stays Blue

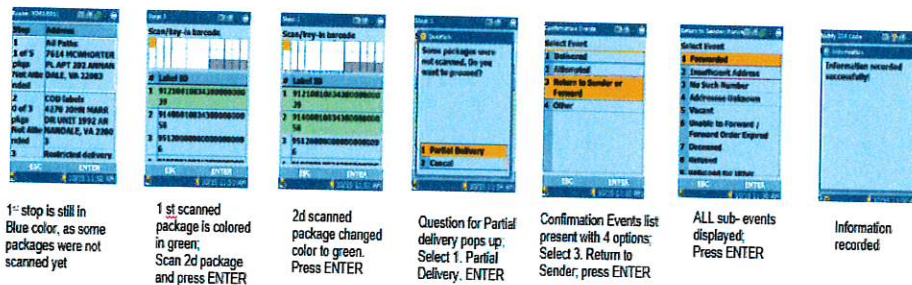


## Dynamic Delivery Regular Scan Workflow Delivering Signature required package and applying Return to Sender

Workflow could be different, depending on Service Type and Delivery Path of a label.  
Delivered Location list could be different, based on Service Type, the same way as in Regular Scan mode.



Coloring On Stop level:  
If stop has multi  
packages and not all of  
them scanned, then  
whole stop stays Blue

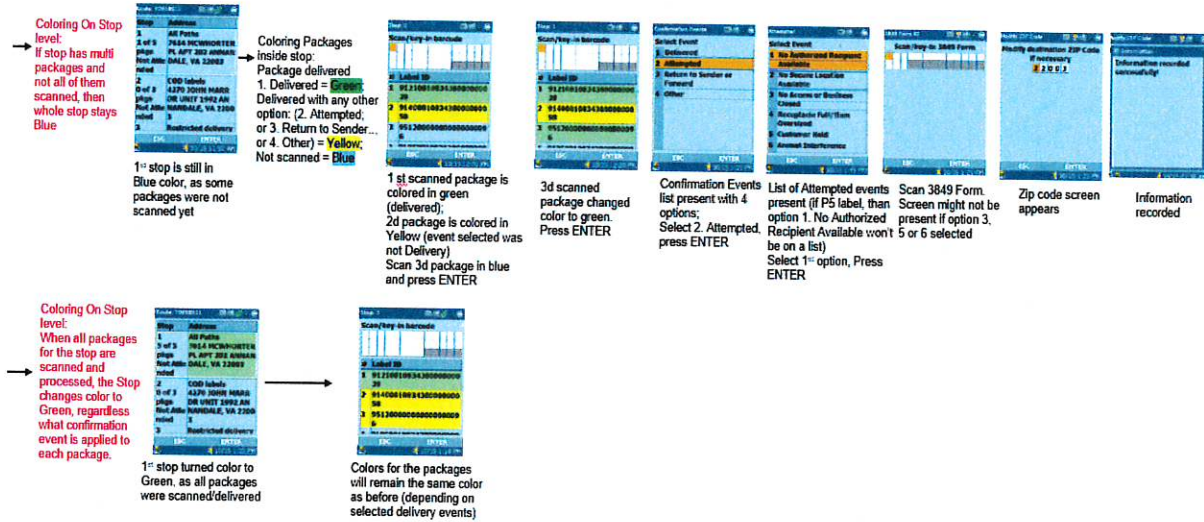




## Dynamic Delivery Regular Scan Workflow Applying Attempted and the sub- event

Workflow could be different, depending on Service Type of a label.

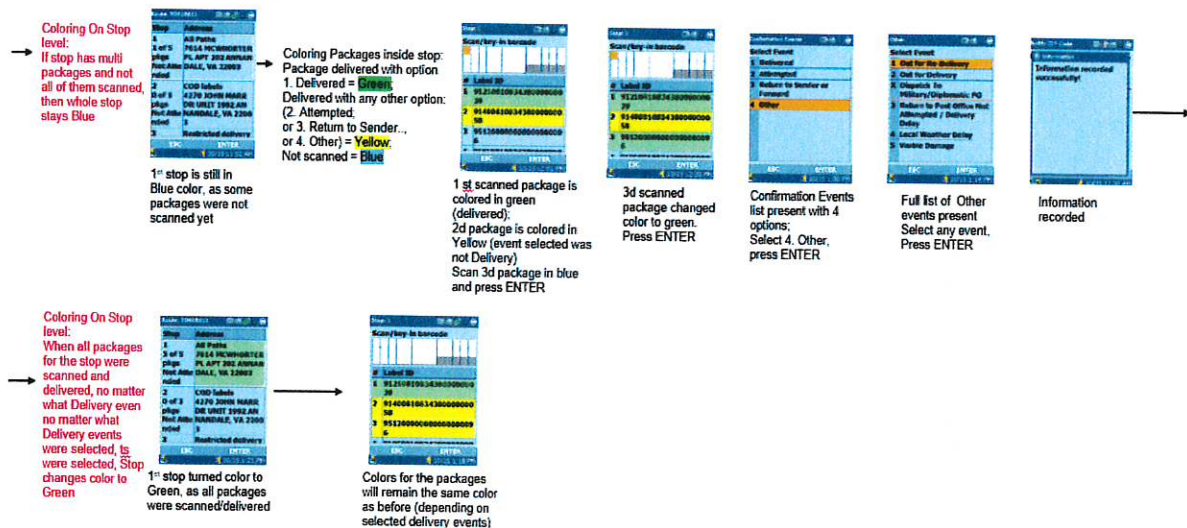
Delivered Location list could be different, based on Service Type, the same way as in Regular Scan mode.



## Dynamic Delivery Regular Scan Workflow Applying Event Other and the sub-event

Workflow could be different, depending on Service Type of a label.

Delivered Location list could be different, based on Service Type, the same way as in Regular Scan mode.







## Change of Address – MLNA (Moved Left No Address) (Limited Pilot) Carriers

### Background

Currently carriers manually complete the 3575Z form when customers have moved and have not filed a Change-of-Address (COA).

### Changes on MDD

Modify the MDD to allow carriers to capture information on addresses where a COA has not been completed by scanning an 11 digit barcode on a mail piece via the MLNA workflow. And also allow carrier to manually enter the address information if the 11 digit barcode is not available.

After the COA data is collected, MDD uploads the data to AWS(Amazon Cloud Service) then to NCSC (National Customer Service Center) for processing.

## Uncommitted Data Warning Message- Carriers

### Background

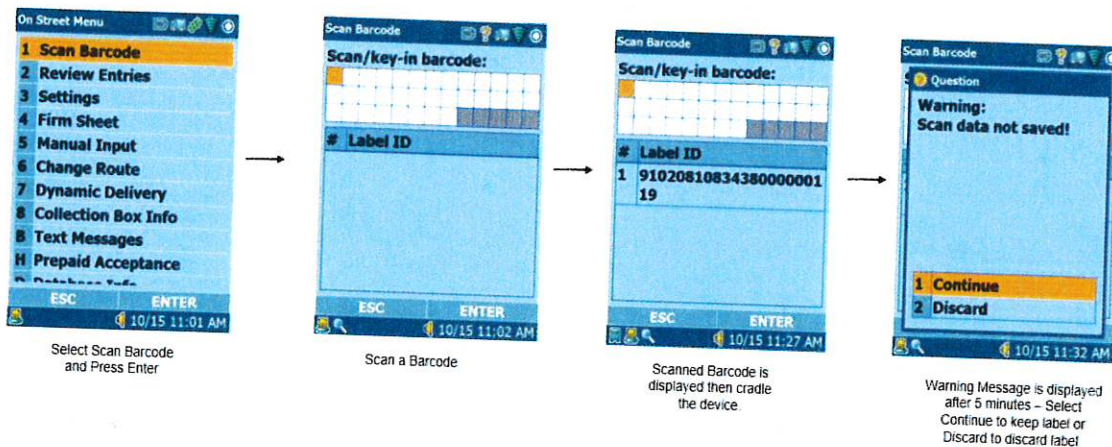
Currently the Uncommitted Data Warning Message appears after 20 minutes idle from the last scan on the scanner.

### Changes on MDD

MDD application is modified to display the Uncommitted Data Warning Message after 1 minute idle from the last scan. User can select "Continue" or "Discard" at the prompt.

- Continue: All labels scanned are kept and user can continue scanning afterwards
- Discard: All labels scanned are erased and user need to rescan the barcodes

The warning message is displayed regardless the motion of the scanner.





## Support GEO Flag Population in MED106- Carriers

### Background

Further updating MDD logic in populating Geo flag in MED 106 to support PTR Geo certification process.

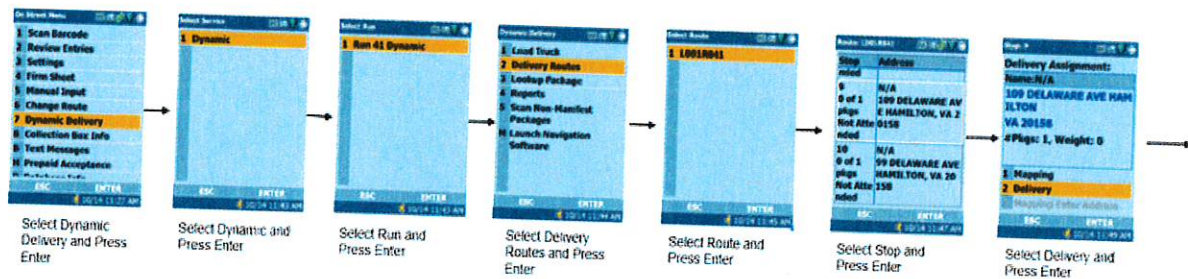
### Changes on MDD

MDD application is modified to resolve cases listed below when Geo flag is not recorded in the MED106 but the delivery location address information is available on the scanner:

- When login route ID is different from the route ID in TRP package manifest as a result of incorrect login or pivot assignment for regular deliveries. The address lookup now is not limited to the login route anymore.
- When delivering packages in MDD Dynamic Delivery application, as a result of lacking DELSYSID in the DRT package manifest. The DELSYSID is now included in the DRT package file and MDD application is updated to apply to lookup logic for Dynamic deliveries based on DELSYSIDs.
- When package manifest file was missed in downloading as a result of earlier DEPART2ROUTE scan for parcel routes. The DEPART2ROUTE scan is now removed as TRP manifest file download cutoff.

### Enable Geo Alert in Dynamic Delivery

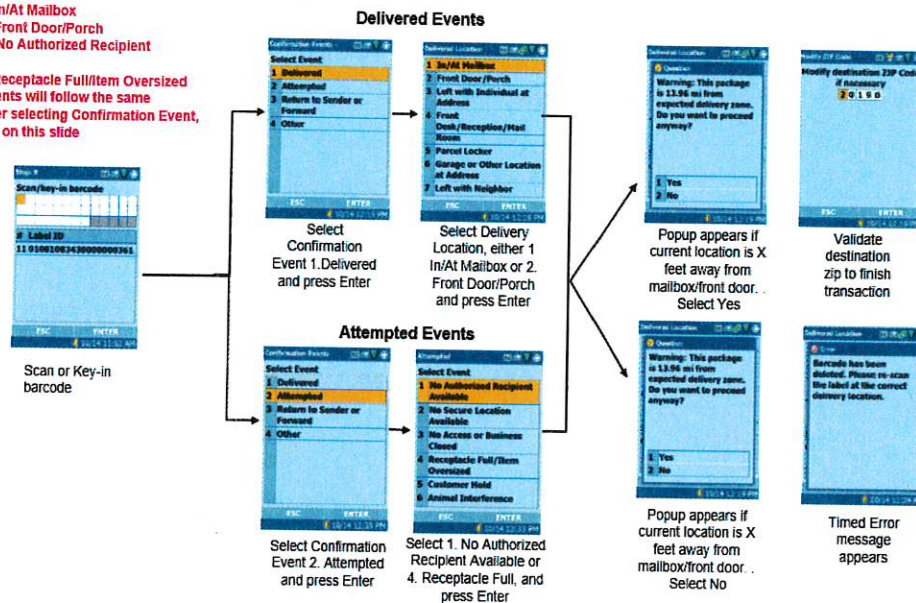
#### Single Label Transaction in Dynamic Delivery



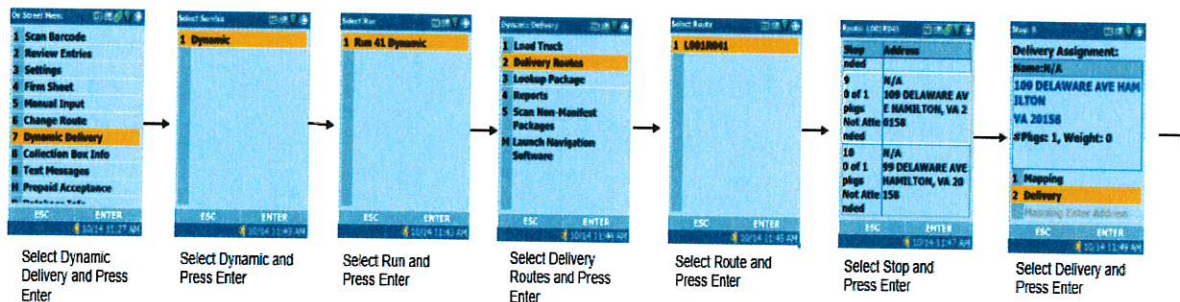


Delivered > In/At Mailbox  
Delivered > Front Door/Porch  
Attempted> No Authorized Recipient Available  
Attempted>Recepiacle Full/Item Oversized  
All above events will follow the same workflow after selecting Confirmation Event, as presented on this slide

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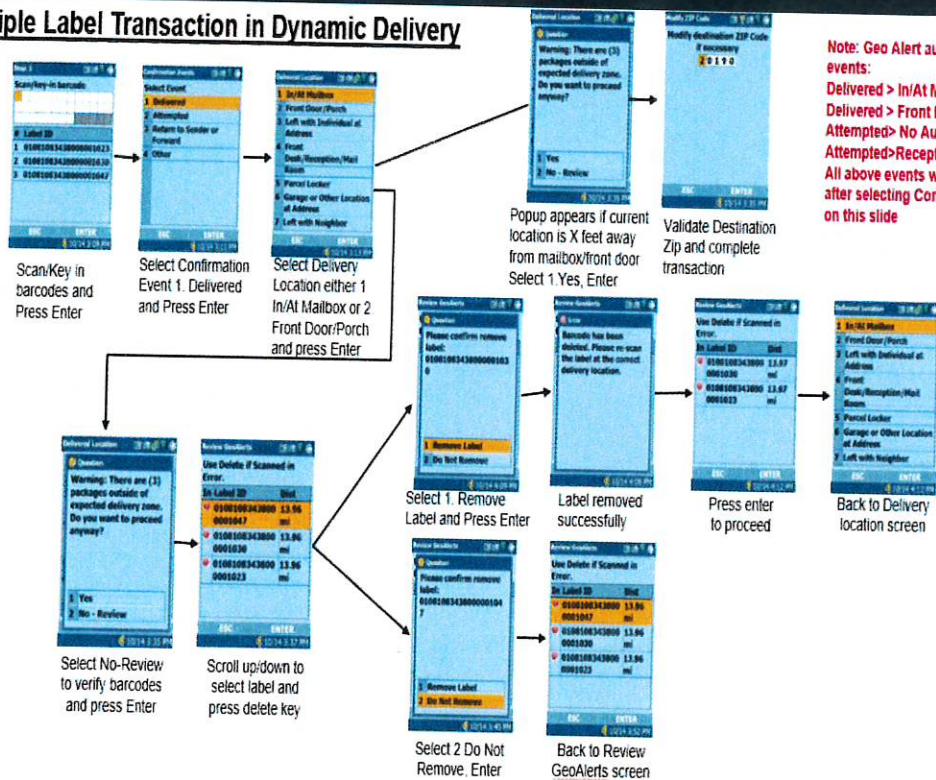


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## Multiple Label Transaction in Dynamic Delivery



Note: Geo Alert audit applies to the following events:  
 Delivered > In/At Mailbox  
 Delivered > Front Door/Porch  
 Attempted > No Authorized Recipient Available  
 Attempted > Receptacle Full/Item Oversized  
 All above events will follow the same workflow after selecting Confirmation Event, as presented on this slide





## **Vibration to Support Hearing-impaired Carriers**

### **Background**

In order to support hearing-impaired carriers there is a need to allow the devices to vibrate when normally a Text To Speech (TTS) is provided

### **Changes on MDD**

Modify the MDD to vibrate for the following messages:

Interactive Messages -

- Data Entry Not Complete
- Warning: Data Not Saved

Question Message –

- You Have {0} unread alerts. Do you want to....?
- Warning: Data Not Saved

## **Add New Global Direct Entry Service Barcode**

### **Background**

The Global Direct Entry program needs a way to better identify items that have originated overseas but are labeled with domestic IMPB labels

### **Changes on MDD**

Modify the MDD to accept the following Service Type Codes:

- 124 Priority Mail - Global Direct Entry
- 125 Priority Mail Signature Confirmation - Global Direct Entry
- 144 First Class Package Service - Global Direct Entry
- 145 First Class Package Service Signature Confirmation - Global Direct Entry
- 487 Parcel Select Lightweight - Global Direct Entry
- 626 Parcel Select - Global Direct Entry

## **Updated Version of CoPilot**

### **Background**

An updated version of the CoPilot has been provided and will be included into MDD TR APK

### **Changes on MDD**

The updated CoPilot will help Postal delivery operation in two ways:

- Eliminate traffic to ALK.com over cellular communication and reduce cellular data cost
- Fix incorrect annunciation of misspelled abbreviations in the address.  
Example: DR – Will pronounce as “drive” versus “doctor”.