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LABOR RELATIONS



November 10, 2022

Mr. Ivan D. Butts
President
National Association of Postal
Supervisors
1727 King Street, Suite 400
Alexandria, VA 22314-2753

Dear Ivan:

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

Release 7.65 includes the following:

- CPMS Carriage Bolt Survey
- Scan Integrity
- Smart Locker Verbiage Update
- Update HAZMAT STCs
- COA Update Delta Download (No impact to carrier)
- S3 Uploader Change (No impact to carrier)

National implementation for the MDD-TR updates is scheduled to begin on November 17.

We have enclosed the final draft copy of the MDD-TR Release 7.65 talking points for your review.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "James Lloyd".

James Lloyd
Director (A)
Labor Relations Policies and Programs
Enclosure

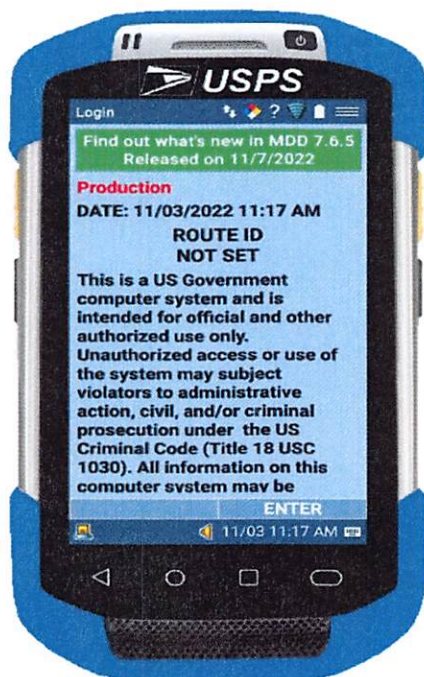


MDD TR Release 7.65

- National Deployment – November 12, 2022

New features for MDD TR introduced include:

- CPMS Carriage Bolt Survey- **Carrier Impact**
- Scan Integrity- **Proof of Concept (4 Offices)**
- Smart Locker Verbiage Update-
- Update HAZMAT STCs
- COA Update Delta Download (**No impact to carrier**)
- S3 Uploader Change (**No impact to carrier**)





CPMS Carriage Bolt Survey

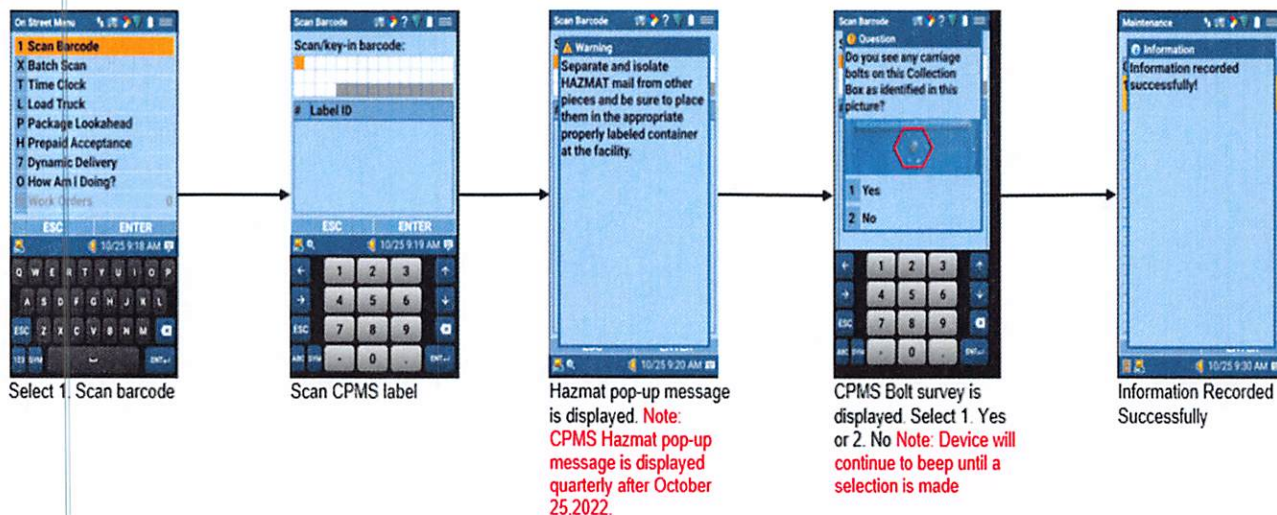
Background

There are over 45,000 locks on collection boxes that need to be replaced with new more secure, eArrow locks. We need to know whether they have carriage bolts securing the locks. This information is in a form of “Yes/No”, with a standard sample picture. We would like to use the MDD-TR to take a survey to gather the information if the collection box has the carriage bolts as shown in the sample picture provided.

Changes on MDD

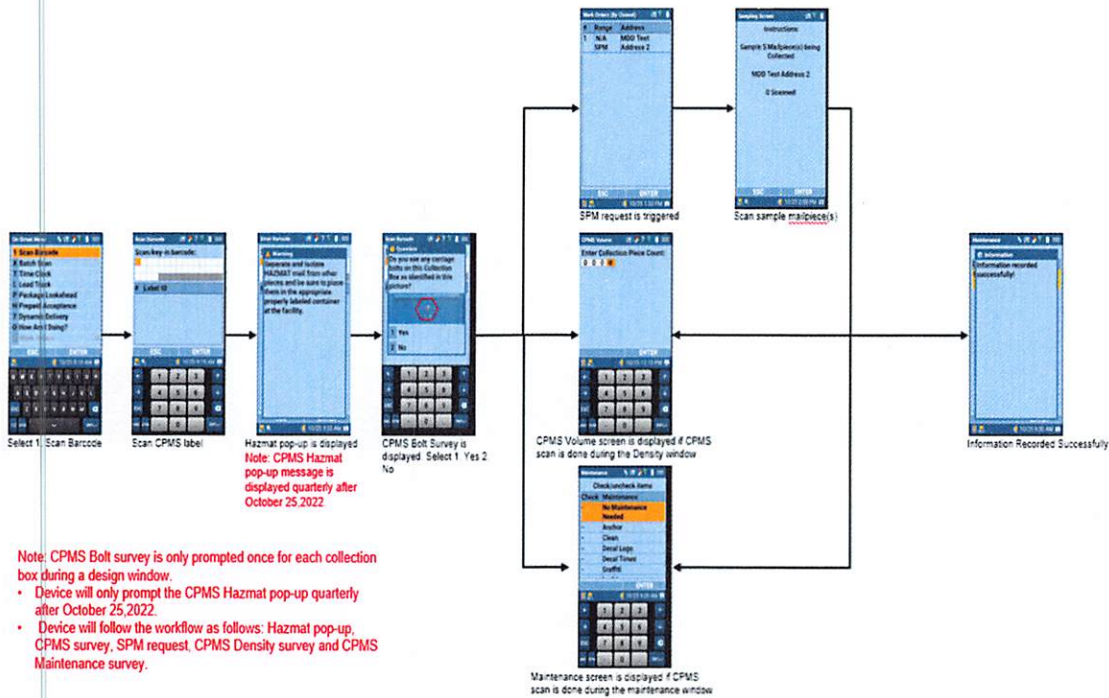
When a carrier scans the barcode of a collection box identified as part of this project, the MDD TR will display a survey question asking if any carriage bolts on the collection box are as identified in a picture that will be presented on the device. The survey will be prompted for each collection box until completion on the scanner. When the collection box survey is completed for a specific collection box, the prompt will not redisplay when scanning the label for that collection box.

The survey will be available for one week from 11-12-2022 to 12-2-2022.





CPMS Carriage Bolt Survey Special Case



Background

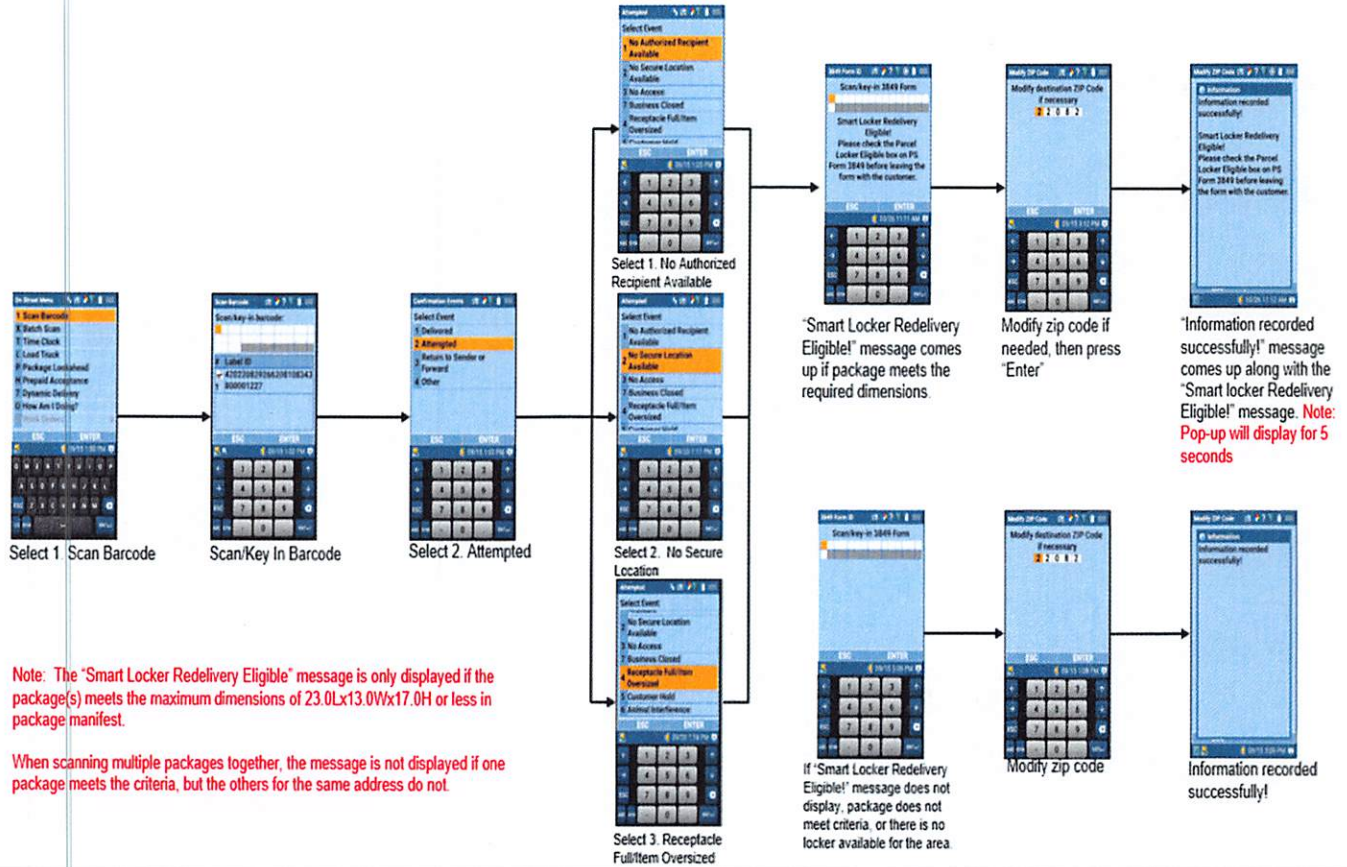
The Postal Service deployed 66 Smart Lockers nationwide to provide customers a Smart Locker redelivery option. Also, a check box has been added to PS Form 3849, We Redeliver for You! for carriers to indicate whether the attempted delivery package is eligible for Smart Locker redelivery. The MDD{TR} device will inform carriers visually on the MDD screen the parcel is eligible for redelivery based on the dimensions provided by PTR.

Changes on MDD

The message after the Attempted screen is being updated to say “Smart Locker Redelivery Eligible! Please check the “Parcel Locker Eligible” box on PS Form 3849 before leaving the form with the customer.” on the MDD screen to alert carriers to check off the box titled, “Parcel Locker Eligible” on PS Form 3849, We Redeliver for You! to inform customers that their attempted package is eligible for Smart Locker redelivery where they have 24/7 access to retrieve at their own convenience.



Smart Locker Redelivery Eligible Attempted Event



Scan Integrity

Background

Scanning performance can be improved by facility level and maintained by forcing the correct scanning behaviors through suppression of the delivered 01 event on the MDD while the employee is within unauthorized delivery Geo boundaries. The scanning integrity dashboard identifies a large opportunity to improve scanning performance by having the employees make the right scan, at the right location, at the right time. That means driving a behavior where employees make the scan at the physical address on the package. This will in turn will improve delivery accuracy, route efficiency, deliveries on first attempt, and customer experience.

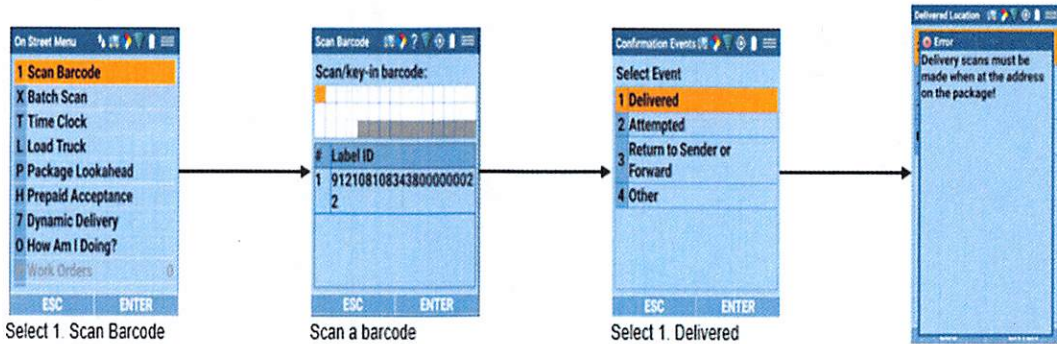


Scan Integrity on Scan Barcode mode

Changes on MDD

Carriers, Supervisors, Postmasters, Other, and Administrators will no longer be able to access the Delivered 01 scan event while within the geofence of the facilities during Pilot. If an unauthorized role scans a package delivered within the Post Office geofence, the MDD will display the message, 'Delivery scans must be made when at the address on the package.'

If a device is unable to obtain a GPS signal while inside the facility, the device will allow delivery scans. Pilot sites include **Tigard, Hoover, Lincoln Park Carrier Annex, Southwest Carrier Annex.**



An error message display if MDD-TR detects that current coordinates are within the facility Geofence to prevent user to complete the delivery process

Note: If GPS cannot be acquired, then MDD-TR will not do the check. The feature will be applied to following user roles:

- Postmaster
- Manager
- Supervisor
- City Carrier
- Rural Carrier
- Mail Handler
- Administrative
- CDS/HCR Carrier



Update HAZMAT STCs

Background

The Inspection Service has requested more visibility into the types HAZMAT packages and other types of items being sent through the USPS network. These new codes will help provide the additional information to the Inspection Service as requested.

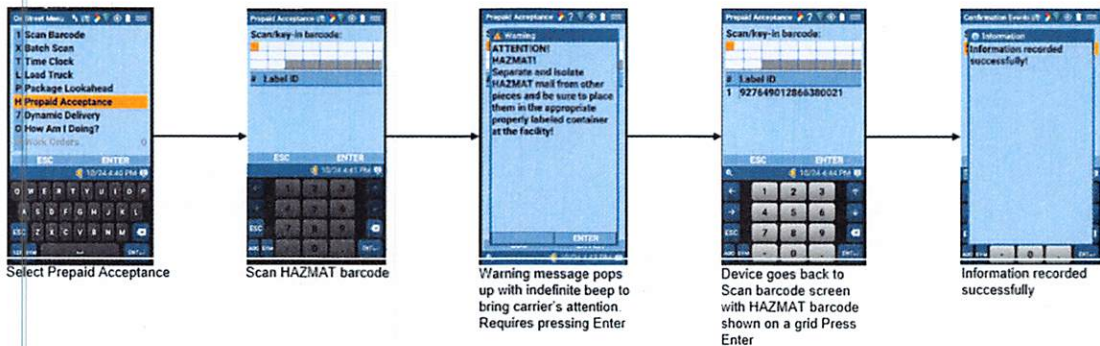
Changes on MDD

The following STCs will be added for shipping hazardous materials, in addition to the HAZEMAT list already added previously.

Service Type Codes	
764	Priority Mail Express Adult Signature Over 21 - Hazardous Materials
075	Priority Mail Adult Signature Over 21 - Hazardous Materials
110	Priority Mail Global Direct Entry Hazardous Materials
197	First-Class Package Service Global Direct Entry Hazardous Materials

Update HAZMAT STCs

In Prepaid Acceptance (On Street Menu; in Manual Input; or in Law Enforcement) upon scanning HAZMAT barcodes device will produce a warning message asking to separate it from other type of mail.

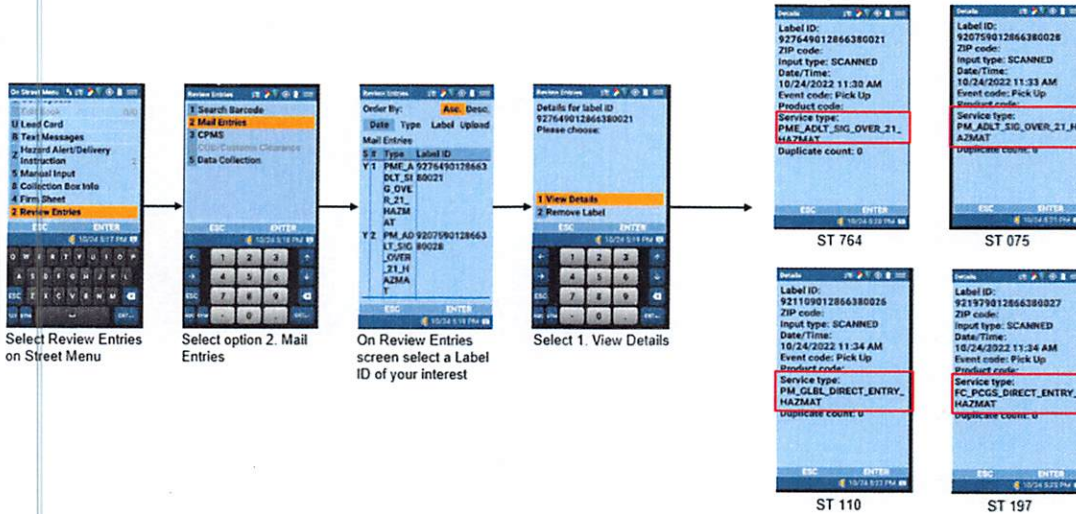


NOTE: In regular mode HAZMAT barcodes won't produce a warning message. It only applies to Prepaid Acceptance.



Update HAZMAT STCs

Review Entries on a device shows Service Type for processed HAZMAT barcodes with new Service Type descriptions for these STCs (764, 075, 110 and 197)



COA Update Delta Download (No impact to carrier)

Background

The MDD-TR scanners request the COA update file nightly. This resulted in a large volume of network traffic to RIMS and also impacted network bandwidth used by other systems at the facility. The large file size download request from MDD TRs resulted 100% CPU utilization at all RIMS application servers and degraded RIMS performance and shall be avoided.

Changes on MDD

The MDD-TR scanners will request only COA update file which contains the Delta data, records with entries, instead of the entire COA database file.

S3 Uploader Change (No impact to carrier)

Background

MDD TR scanners used to upload the AMS route file to AWS for address improvement processing. Now AWS gets direct data feed from AMS so there is no need for the scanners to continue to send the route files to the cloud. In addition, a key file to trigger an action in S3 in the cleanse processing is necessary for the TR scanners to send during the OTA upload.

Changes on MDD

The S3 uploader will be modified to upload the key file during OTA upload, and also be modified to stop sending the AMS route file during nightly LAN upload.