MAIL REGISTRATION DEVICE (MRD)

Managing the handover to and from airlines and their groundhandlers to ensure visibility for air transport

Why?

In the past, the handover process of mail flows at both at origin and destination airports, was not transparent. In order to combat this, IPC created the Mail Registration Device (MRD) to ensure visibility, reliability and performance of airmail transport.

IPC Mail Registration Device

How does it work?

Several stakeholders are involved in the processing of the IPC Mail Registration Device: posts, ground handling agents and airlines. Each of them can use a different registration process and report accordingly. This often leads to a lack of visibility or the contradictory registration of data.

In order to provide an unbiased, simple and efficient electronic registration process that facilitates unambiguous receptacle-level registration, IPC designed the Mail Registration Device (MRD) service. The IPC MRD provides a complete view over handover processes between posts and airlines at both origin and destination, enabling seamless visibility from outbound post to inbound post.

The MRD allows a quick and simple registration of mail handovers between posts and airlines at postal facilities situated in airports. The device is installed by postal operators at the point where handlers from the airlines deliver postal containers to the postal staff and/or where postal staff hand over mail consignments to airlines, which usually takes place at the entrance of the air mail units at the airport.

The MRD consists of a touchscreen terminal, a scanner, a label printer and technical infrastructure to manage the data produced.

Benefits for posts

- **Increased visibility**: airlines can provide posts with an IPC MRD-based receptacle-level Proof of Delivery (POD) at destination which increases visibility over one of the operational grey areas within airmail transportation.
- **Thorough reporting**: ground handlers using the IPC MRD to monitor their handovers to and from posts can have simple, but thorough reporting of their operations through IPC's systems.
- **Accurate information**: postal operators have access to accurate information on mail status, progressively eliminating the visibility gap in the airmail transportation pipeline.
- **Track and trace**: overall, both the Proof of Custody (POC) MRD and the POD MRD provide easy-to-produce yet accurate additional track and trace possibilities that posts can leverage into a better commercial offer.

Benefits for airlines and ground handlers

Carriers: can access receptacle level data with proof of delivery information at low cost (limited amount of scans by its ground handler, no cost to access IPC's data). Hence, they can provide their customers with enhanced visibility even in locations where they don't have their own IT equipment to generate the data.

Ground handlers: can receive free of charge operational reports and information about their deliveries and can provide their customers with POD information upon request

What does it do?

Two separate and independent processes can be registered through an MRD: the delivery of mail consignments at destination (Proof Of Delivery, POD MRD) and the handover of mail consignments at origin (Proof of Custody, POC MRD).

Origin: at origin, the post scans receptacle IDs into handover equipment which is later staged for collection. The airline or handler records the transfer of custody at origin of each individual receptacle by a **single scan** of the nest/equipment ID using the POC MRD.

Destination: at destination the carrier attaches an MRD-created nest ID label to handover equipment after recording delivery at POD MRD (**one scan** per delivered handover unit). The post scans the IDs taken out of handover equipment delivered by the airline.

Data is collected and consolidated by IPC. IPC then issues a Proof Of Custody and/or a Proof Of Delivery for the airline. This **consolidation** process allows for all stakeholders to receive Proof Of Custody/Delivery information at receptacle level, even if the registration process by the handler is only expected to take place at equipment level. IPC shares the consolidated data with everyone, free of charge, in order to ensure full visibility over the handover process.

MRD implementation status

MRD coverage

Thirty-five locations are covered with POD MRD solutions (see map) and over ten airports are equipped with POC MRD solutions, with geographical coverage growing continuously.

ABC Active POD MRD   ABC MRD like   ABC Assessed POD MRD

More information

For more information, visit our website: www.ipc.be.
To find out more about this service, contact us via e-mail at mrd.support@ipc.be.

More info