

InPost UK Limited

Shipment Manifest Flat File Specification

Version 1.2

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Document Control

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Version	Release Date	Comments
1.0	6 th March, 2015	Initial draft created
1.1	23 rd March, 2015	Minor changes made
1.2	12 th May, 2015	Added a new section pertaining to the Returns service.

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Introduction

Using this Document

Document Purpose

The purpose of this document is to describe the specification of the shipment manifest flat files to be submitted to the InPost Shipment Processor.

Intended Audience

This document is intended for programmers and system analysts.

Background

The InPost central system offers customers the possibility to create shipments by submitting a flat file manifest.

Directory Structure on the SFTP Server

The directory structure on the InPost SFTP server is given in Table 1.

Directory	Description
/TBD ¹ /input/?	All manifest files should be saved in this directory.
/TBD/output/?	All reports created by the InPost Shipment Processor will be saved in this directory.
/TBD/archive/?	Archive directory for previously processed files.

Table 1: Directory Structure on the InPost SFTP Server

Address-to-Locker Delivery Service

Source File Specification

File Specification

File Name Format ²	YYYYMMDDHHMMSSXXX
File Extension	.CSV
End Line	CRLF
Header Line	None
Field Delimiter	;
Text Delimiter	None

Table 2: File Specification – Address-to-Locker Service Manifest File

Data Field Specification

¹ To be defined by InPost for each client.

² YYYY: Year, MM: Month and DD: Day. X is an integer with a value ranging between 0 and 9. The three digit XXX suffix should be unique for shipments created in the same time interval.

Column Name	Data type	Required Field	Description	Default Value
packNumber	String	No	This is the con- signment no. Its length can vary between 5 and 50 characters.	
packType	Enum: A, B, C	No	Size of the destina- tion locker com- partment.	If not includ- ed, the de- fault com- partment size configured in the client's account de- tails will apply
insuranceAmount	BigDecimal	No	Decimal separator: '.'	0
onDeliveryAmount	BigDecimal	No	Cash on Delivery (CoD) amount val- ue. Decimal sepa- rator: '.'	0
phoneNumber	String	Yes	The last 10 digits of the recipient's mo- bile number.	
addresseeEmail	String	No	Recipient's email address	A dummy email address value will be used.
Additional1	String	No	Reference text	
Additional2	String	No	Reference text	
Additional3	String	No	Reference text	
width	Integer	No	Parcel width in cm	
height	Integer	No	Parcel height in cm	
length	Integer	No	Parcel length in cm	
boxMachineName	String	Yes	Destination Locker Terminal ID	
alternativeBoxMachineName	String	No		
senderBoxMachine	String	No	Originating Locker Terminal ID	
street	String	Yes (only for Locker-to- Address Service)	Address - street name.	
home	String	Yes (only for Locker-to- Address Service)	Address - building number.	
town	String	Yes (only for Locker-to- Address Service)	Address - town.	

name	String	No	Address - Recipient's Name	
surname	String	No	Address- Recipient's surname	
companyName	String	No	Address – company name	
flat	String	No	Address – flat number	
postalCode	String	No	Address - postcode	
contactPhoneNumber1	String	No	Additional contact number	
contactPhoneNumber2	String	No		
contactPhoneNumber3	String	No		
contactEmail	String	No	Additional contact email address	
region1	String	No	Country specific parameter	
region2	String	No	Country specific parameter	

Table 3: Data Field Specification – Address-to-Locker Delivery Service Manifest File

Returns Service

Source File Specification

File Specification

File Name Format ³	RETURNS && {TimeStamp (YYYYMMDDHHMMSSXXX)} ⁴
File Extension	.CSV
End Line	CRLF
Header Line	None
Field Delimiter	;
Text Delimiter	None

Table 4: File Specification – Returns Service Manifest File

Data Field Specification

Column Name	Data type	Required Field	Description
ValidDate	DateTime	Yes	This is the date and time before which the parcel can be stored in a locker.
ReturnBarcode	String	Yes	This is the consignment no. Its length can vary between 5 and 50 characters.

Table 5: Data Field Specification – Returns Service Manifest File

³ YYYY: Year, MM: Month and DD: Day. X is an integer with a value ranging between 0 and 9. The three digit XXX suffix should be unique for shipments created in the same time interval.

⁴ E.g. RETURNS20150416103055001