



Tracking API Documentation

SOFTWARE VERSION 2.0

DOC VERSION 1.0 30/01/2017

INPOST, THE NEXT STEP IN THE CLICK & COLLECT EVOLUTION

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Background

InPost provides shipment tracking data for clients via a RESTful web service using JSON data formatting. RESTful web services are convenient to consume and cross-platform compatible making it a good candidate for tracking integrations, enabling clients to integrate the shipment tracking functionality into their applications for internal use and for the consumption of the end user.

Data Field Specification

JSON Object Key: Consignment Number	JSON Object Array	
	ts	Timestamp for the event, in the formatting of dd/mm/yyyy hh:mm:ss followed by 'am' or 'pm'
	code	The event code which translates into the text-description of the event
	description	The text translation of the event code
	remark	The remark related to the event. Where available the signature test is recorded in this field

Design Description

As the API can receive multiple consignment numbers within a single request, at the first level the API will return JSON objects keyed by the individual consignment numbers. There may be multiple 'first level' objects per response. Within each 'first level' objects will be several 'second level' objects each containing unique event code data.

Example Request

Requests can be made 'anonymously' and do not require authentication or an access token. The endpoint for 'live' shipments is as follows:

<https://tracking.inpost.co.uk/api/v2.0/>

This URL can then be suffixed using the parcel number(s) you require data for, as follows:

[https://tracking.inpost.co.uk/api/v2.0/\[Consignment Number 1\];\[Consignment Number 2\]](https://tracking.inpost.co.uk/api/v2.0/[Consignment Number 1];[Consignment Number 2])

Multiple consignment numbers must be concatenated using a semi-colon (;)

Please Note: The API will only accept requests containing 10 consignment numbers or less. Where data for more consignment numbers is required multiple requests will need to be made.

Example Response

An example response that would be returned as per our 'Example Request' is as follows:

```
{
  "[Consignment Number 1]": [
    {
      "ts": "[Event Timestamp]",
      "code": "[Event Scan Code]",
      "description": "[Event Description]",
      "remark": "[Event Remark]"
    },
    {
      "ts": "[Event Timestamp]",
      "code": "[Event Scan Code]",
      "description": "[Event Description]",
      "remark": "[Event Remark]"
    }
  ],
  "[Consignment Number 2]": [
    {
      "ts": "[Event Timestamp]",
      "code": "[Event Scan Code]",
      "description": "[Event Description]",
      "remark": "[Event Remark]"
    },
    {
      "ts": "[Event Timestamp]",
      "code": "[Event Scan Code]",
      "description": "[Event Description]",
      "remark": "[Event Remark]"
    }
  ]
}
```

Event Codes & Descriptions

This is an appendix of all currently applicable event codes, alongside their descriptions, that can be returned by the API. This list is correct as of 30/01/2017.

Event Code	Event Description
PCA	Data Received / File Created
PRD	Ready for Dispatch
PPU	Collected / Picked Up from Sender
CSI	Scan In – Collecting Depot
CSO	Scan Out – Collecting Depot
HSI	Scan In - Hub
HSO	Scan Out – Hub
DSI	Scan In – Delivery Depot
DSO	Scan Out – Delivery Depot
LTD	Delivered to Locker
LCC	Collected by Customer
LXP	Expired in Locker
LEX	Returned to Shipper
PSC	Parcel Stored by Customer
PPC	Parcel Picked Up by Carrier
PDC	Parcel Delivered to Customer
EDM	Damaged
ECF	Collection Failed
EHC	Held at Collecting Depot
EHH	Held at Hub
EHD	Held at Delivery Depot
EDL	Unable to Deliver to Locker
EDC	Unable to Deliver to Customer
EDF	Parcel Delivery Failure