API Reference

Request

The following API allows the sending of manifest pre-alert data to the GLS-LT system.

URL request:

```
POST http://api.glslatina.it/prealert
```

Header request:

HTTP Header	Type	Description
x-api-key	string	**Required**. Provided API key

Body request is in **JSON** as shown in `req.json` ;

The structure base of the JSON request is:

```
Common MAWB Information
|_cartons
  |_parcels
    |_items
```

Below you will find the guidelines with the parameters to construct the request JSON. The parameters are essential, mandatory, and for convenience, cast to strings. You will also find examples of the parameters. Additionally, I strongly recommend looking at an example of the request JSON. Please adhere to the format.

Note: the `manifest_file_data` json object is still under review.

Manifest Data - General information

Params	Max Len	Type	Required	Description	Example
ecommerce_name	255	string	YES	Name of the e-commerce	TEMU
mawb	31	string	YES	Master Air Waybill	112-13492135
flight	31	string	YES	Flight number	QR8941
eta	22	string	YES	Estimated time of arrival (Format: `mm/dd/yyyy HH:MM:SS AM or PM`)	12/04/2022 2:00:00 PM
etd	22	string	YES	Estimated time of departure (Format: `mm/dd/yyyy HH:MM:SS AM or PM`)	12/03/2022 4:00:00 AM
airport_code_departure	7	string	YES	Airport code of departure	FCO
airport_code_destination	7	string	YES	Airport code of destination	CAN
total_box_num	10	string	YES	Total number of boxes	104
total_no_of_packets	10	string	YES	Total number of packets	2843
pcs_total_weight	10	string	YES	Total weight of pieces	2156
manifest_data	-	object	YES	List of cartons	The example is in the Next table

Manifest Data - Cartons

Params	Max Len	Type	Required	Description	Example
carton_code	31	string	YES	Carton identifier	60V2406160623802
parcels	-	object	YES	List of parcels	The example is in the next table

Manifest Data - Parcels

Params	Max Len	Type	Required	Description	Example
tracking_number	31	string	YES	Shipment tracking number	LT621783955
invoice_number	31	string	YES	Invoice number	BG2211281004925
reference_code	31	string	YES	Order code	WT2233301256001846
shipper_name	127	string	YES	Name of the shipper	TechShop Ltd
ship_add1	255	string	YES	Shipper address line 1	GUANGX HONG MAIN RD NANCUN TOWN PANYU DTRC N6
ship_city	127	string	YES	Shipper city	GUANGZHOU
ship_state	31	string	YES	Shipper state	CINA
ship_country_code	15	string	NO	Shipper country code	455444
consignee_address1	255	string	YES	Consignee address	VIA MATTIA BATTISTINI, 15
consignee_city	127	string	YES	Consignee city	Roma
consignee_zip_code	15	string	YES	Consignee zip code (postal code)	00168

Params	Max Len	Type	Required	Description	Example
consignee_province	127	string	YES	Consignee province code	RM
consignee_name	127	string	YES	Consignee name	MARIO ROSSI
consignee_phone	63	string	YES	Consignee phone number	3402737104
items	-	object	YES	List of items	The example is in the next table

Manifest Data - Items

Params	Max Len	Type	Required	Description	Example
item_sku	63	string	YES	Product SKU code	sn22062055570377382
item_hscode	15	string	YES	Product HS code	950300
item_description	127	string	YES	Product description	Toy
total_weight	10	string	YES	Shipment weight in KG	0.06
total_value	10	string	YES	Total purchase amount in EUR	2.55
vat_value	10	string	YES	VAT amount	0.56
ioss_number	15	string	YES	Import One Stop Shop number	IM3720013929

Response

Response is in **JSON** as shown in `resp.json`. It contains a `resp_status` key (the response message status):

Name	Type	Description
resp_status	string	Response status: "ok" or "err" with log
time_zone	string	Time zone of the response
operating_time	string	Time of operation `(YYYY-MM-DD HH:MM:SS)`

and the possible status codes are `HTTP` compliant as table below :

HTTP status code	resp_status
`201`	Created (manifest inserted)
`400`	Bad Request (e.g. missing `awb`)
`401`	Unauthorized (e.g. missing `x-api-key` in header)
`409`	Conflict (Manifest already exsists)
`500`	server error (e.g. internal server/db err)