

Tracking API 1.0 OAS 3.1

/openapi.json

This API allows tracking deliveries, retrieving real-time status updates, and managing deliveries efficiently.

default



POST /v1/deliveries Create a new delivery



Creates a new delivery record, assigning a unique tracking ID and storing relevant package details.

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "order_id": "order123",
  "customer_name": "João Sousa",
  "address": "Rua Exemplo, 123, Lisboa",
  "status": "pending",
  "estimated_delivery_time": "2025-03-11T15:00:00Z"
}
```

Responses

Code	Description	Links
200	Successful Response	No links
Media type		
application/json		
Controls Accept header.		

Code	Description	Links
	<div>Example ValueSchema</div> <div><pre>{ "tracking_id": "track123", "order_id": "order123", "customer_name": "João Sousa", "address": "Rua Exemplo, 123, Lisboa", "status": "pending", "estimated_delivery_time": "2025-03-11T15:00:00Z", "last_updated": "2025-03-18T20:25:11.425Z" }</pre></div>	
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example ValueSchema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div>	No links

GET

/v1/deliveries

Retrieve all deliveries

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Retrieves a paginated list of deliveries, optionally filtered by status.

- status** : (Optional) Filter deliveries by their current status.
- limit** : (Optional) Number of records to return per request (default: 10).
- offset** : (Optional) Number of records to skip for pagination.

Parameters

Try it out

Name	Description
status string (query)	<div>Available values : pending, in_transit, delivered, canceled</div> <div>--</div>

NameDescription

limitDefault value : 10

integer
(query)

10

offsetDefault value : 0

integer
(query)

0

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example ValueSchema</div> <div>[{ "tracking_id": "track123", "order_id": "order123", "customer_name": "João Sousa", "address": "Rua Exemplo, 123, Lisboa", "status": "pending", "estimated_delivery_time": "2025-03-11T15:00:00Z", "last_updated": "2025-03-18T20:25:11.429Z" }]</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example ValueSchema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

Code

Description

Links

```
    ]
  }
```

PUT

/v1/deliveries/{tracking_id}

Update delivery status

^

Updates the status of an existing delivery, marking changes in the delivery tracking system.

Parameters

Try it out

Name

Description

tracking_id * required

string (path)

tracking_id

Request body required

application/json

Example Value

Schema

```
{
  "status": "pending",
  "last_updated": "2025-03-18T20:25:11.436Z"
}
```

Responses

Code

Description

Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value

Schema

```
{}
```

Code	Description	Links
422	Validation Error	No links
	Media type	
	<div>application/json</div>	
	Example Value	Schema
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre>	

GET	/v1/deliveries/{tracking_id}	Get delivery details	^
Fetches the latest tracking details of a specific delivery.			
Parameters			<div>Try it out</div>
Name	Description		
tracking_id * required string (path)	<div>tracking_id</div>		
Responses			
Code	Description	Links	
200	Successful Response	No links	
	Media type		
	<div>application/json</div>		
	Controls Accept header.		

Code	Description	Links
	<div>Example ValueSchema</div> <div><pre>{ "tracking_id": "track123", "order_id": "order123", "customer_name": "João Sousa", "address": "Rua Exemplo, 123, Lisboa", "status": "pending", "estimated_delivery_time": "2025-03-11T15:00:00Z", "last_updated": "2025-03-18T20:25:11.439Z"} </pre></div>	
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example ValueSchema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

DELETE

/v1/deliveries/{tracking_id}

Delete a delivery record

Removes a specific delivery record from the system based on its tracking ID.

Parameters

Try it out

Name	Description
tracking_id * required string (path)	<div>tracking_id</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>{ }</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

GET /v1/location Obtain system location

Retrieves the approximate geolocation of the current system based on its external IP address.

Parameters

No parameters

Responses

Try it out

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "latitude": 38.7169, "longitude": -9.1399, "city": "Lisboa", "country": "Portugal", "ip": "192.168.1.1", "timestamp": "2025-03-11T12:00:00Z"}</pre></div>	No links

GET / Health Check

Schemas

DeliveryRequest ^ Collapse all object

Model representing a delivery request containing package details and destination.

order_id* > Expand all string

customer_name* > Expand all string

address* > Expand all string

status > Expand all string

estimated_delivery_time* > Expand all string date-time

DeliveryResponse ^ Collapse all object

Model representing the details of a delivery response.

tracking_id* > Expand all string

order_id* > Expand all string

customer_name* > Expand all string

address* > Expand all string

status* > Expand all string

estimated_delivery_time* > Expand all string date-time

last_updated* > Expand all **string** **date-time**

DeliveryStatus ^ Collapse all **string**

Enumeration of possible delivery statuses.

Enum > Expand all **array**

DeliveryUpdate ^ Collapse all **object**

Model for updating delivery status.

status* > Expand all **string**

last_updated > Expand all **string** **date-time**

HTTPValidationError > Expand all **object**

LocationResponse ^ Collapse all **object**

Model for representing location details obtained from the system.

latitude > Expand all **(number | null)**

longitude > Expand all **(number | null)**

city > Expand all **(string | null)**

country > Expand all **(string | null)**

ip > Expand all **(string | null)**

timestamp > Expand all **(string | null)**

ValidationError ^ Collapse all **object**

loc* > Expand all **array<(string | integer)>**

msg* **string**

type* **string**