CouriersPlease Domestic Shipment Cancellation API Documentation

CouriersPlease

API Version: 1.0.0

1. VERSION CONTROL

Version	Date	Notes	Author
1.0.0	04/01/2018	CP API Domestic Shipment Cancellation	Kalpesh Pandya (CouriersPlease)

2. TABLE OF CONTENTS

3. OVERVIEW

This document defines the API in which E-Merchants can cancel their created shipments. The following shipments can cancel by this API.

1. Shipment without any activity
2. Shipment not billed
3. Only shipments created by using API

4. CONSUMES

JSON

5. OUTPUT FORMATS

JSON
XML

6. HTTP METHOD

POST

7. URLS

7.1. SANDBOX

While developing and testing use the sandbox URLs:

7.1.1. SHIPMENT CANCEL API

https://api-test.couriersplease.com.au/v1/domestic/shipment/cancel

7.2. PRODUCTION

After deploying to live use the production URLs:

7.2.1. SHIPMENT CANCEL API

https://api.couriersplease.com.au/v1/domestic/shipment/cancel

8. SECURITY

API security is controlled by CouriersPlease. CouriersPlease controls the following:

1. Access to the Sandbox environment
2. Access to the Production environment
3. Access to each individual API
4. Enable/disable a token
5. Hourly and daily limits

If you require security changes please contact CouriersPlease API support: apisupport@couriersplease.com.au.

8.1. AUTHENTICATION

API Validation is performed through HTTP Basic Authentication using the CouriersPlease Account Number and Authorization Token.

User Name: CouriersPlease Account Number

Password: Sandbox or Production Token provided from the CouriersPlease API Developer Portal

When using HTTP Basic Authentication the User Name and Password must be Base64 encoded in the header.

If your CouriersPlease Account Number is W99999 and your token is ABC123456789 your Authentication Header would be “Authorization: Basic W99999:ABC123456789” before encoding it. Once encoded, it should look as follows: “Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==”

8.2. SSL ENCRYPTION

The API Endpoints and Portal are encrypted using SSL as follows:

SSL Attribute	SSL Detail
Signature Hash Algorithm	sha256
Public Key	RSA (2048 Bits)

9. REQUEST

9.1. REQUEST PARAMETERS

Name	Type
consignmentCode (Required)	String Consignment code Max Length: 50

9.2. SAMPLE REQUEST THAT RETURNS JSON

Below is a sample request that returns JSON. The HTTP Request Header must contain application e.g.) “Accept: application/json”. Ensure the user name and password is Base64 encoded in the authorization header as specified in the Authentication section of this document.

9.2.1. REQUEST URL

9.2.1.1. CANCEL SHIPMENT

```
POST

https://api-test.couriersplease.com.au/v1/domestic/shipment/cancel

HTTP/1.1
```

9.2.2. REQUEST HEADER

```
Host: api-test.couriersplease.com.au
Accept: application/json
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
```

9.2.3. REQUEST BODY

```
{
    "consignmentCode": "CPWP25000018906-TEST"
}
```

9.3. SAMPLE REQUEST THAT RETURNS XML

Below is a sample request that returns XML. The HTTP Request Header must contain application e.g.) “Accept: application/xml”. Ensure the user name and password is Base64 encoded in the authorization header as specified in the Authentication section of this document.

9.3.1. REQUEST URL

9.3.1.1. CANCEL SHIPMENT

```
GET

https://api.couriersplease.com.au/v1/domestic/shipment/cancel

HTTP/1.1
```

9.3.2. REQUEST HEADER

```
Host: api.couriersplease.com.au
Accept: application/xml
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
```

9.3.3. REQUEST BODY

```
{
    "consignmentCode": "CPWP25000018906-TEST"
}
```

10. RESPONSE

Each request will return both an HTTP Status Code and a Response Code, which can be used to understand if the request was successfully processed.

10.1. HTTP STATUS CODES

Code	Details	Action
200	The request was successfully processed.	
400	There was an issue with the input request or data.	Based on the responseCode, an exception should be raised in the integrating application.
401	There was an issue with authorization.	Based on the responseCode, an exception should be raised in the integrating application.
500	The request could not be processed because of an internal API issue.	Retry the request. If the problem persists please contact CouriersPlease API support apisupport@couriersplease.com.au

10.2. RESPONSE CODES

Code	Details	Action
SUCCESS	The request was successfully processed.	
INVALID_INPUT	The request could not be completed because the input provided was invalid.	The msg element of the response will include the error message.
UNAUTHORIZED	The request could not be completed due to insufficient access.	The msg element of the response will include the error message.
SERVICE_UNAVAILABLE	The service is unavailable.	Raise an exception.

10.3. OUTPUT

10.3.1. SHIPMENT CANCEL

A successful API where HTTPS Status Code = 200 and Response Code = SUCCESS will return an object structured as follows.

Name	Type	Description
Code	String	Success/Fail
msg	String	Reason of failure

10.4. SAMPLE JSON RESPONSE (SUCCESS – 200)

10.4.1. SHIPMENT CANCEL

```
{

  "responseCode": "SUCCESS",

  "msg": "Consignment successfully cancelled",

  "data": ""

}
```

10.5. SAMPLE XML RESPONSE (SUCCESS – 200)

10.5.1. SHIPMENT CANCEL

```
<ResponseTemplateOfString xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg > Consignment successfully cancelled </msg>
 <data />
</ResponseTemplateOfString>
```

10.6. SAMPLE JSON RESPONSE (INVALID INPUT - 400)

```
{
"responseCode":"INVALID_INPUT",
"msg":" Data Validation Error ",
"data":""
}
```

10.7. SAMPLE XML RESPONSE (INVALID INPUT - 400)

```
<ResponseTemplateOfResponseErrorTemplate xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>INVALID_INPUT</responseCode>
  <msg>Data Validation Error</msg>
  <data>
```

```
    <errors>
      <ParameterValidationError>
        <type>Required Field</type>
        <field>consignmentCode</field>
        <description> Please enter Consignment code.</description>
      </ParameterValidationError>
    </errors>
  </data>
</ResponseTemplateOfResponseErrorTemplate>
```

10.8. SAMPLE JSON RESPONSE (UNAUTHORIZED - 401)

```
{
 "responseCode": "UNAUTHORIZED",
 "msg": "Not a valid token.",
 "data": ""
}
```

10.9. SAMPLE XML RESPONSE (UNAUTHORIZED - 401)

```
<ResponseTemplateOfString xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>UNAUTHORIZED</responseCode>
  <msg> Not a valid token.</msg>
  <data />
</ResponseTemplateOfString>
```

GLOSSARY

Term	Definition
API (Application Programming Interface)	A set of computer functions for software. There is no graphical user interface like a widget.
Widget	A graphical user interface for software
Plugin	A software component that adds a feature to an existing computer program. Also called an add-in or add-on.
E-Merchant	Electronic retailer
Domestic	Freight shipped within Australia
International	Freight shipped to and/or from outside of Australia
Sandbox	API environment for testing and integration
Production	Live API environment