# CouriersPlease Domestic Validate and Ship API Documentation

## 1. VERSION CONTROL

| Version | Date | Notes | Author |
|---------|------|-------|--------|
| 1.0.0 | 15/06/2016 | Initial version. | Jeff Embro (CouriersPlease) |
| 1.0.1 | 07/07/2016 | Suburb and postcode validation. | Jeff Embro (CouriersPlease) |
| 1.0.2 | 11/10/2016 | Updated URL's. | Jeff Embro (CouriersPlease) |
| 1.0.3 | 26/10/2016 | Fixed URL's. | Jeff Embro (CouriersPlease) |
| 1.0.4 | 18/04/2017 | Added ATL logic. | Jeff Embro (CouriersPlease) |
| 1.0.5 | 27/10/2017 | Added Optional POPPoint Pickup<br>Added Optional POPPoint Delivery<br>Added Optional Ready date time | Kalpesh Pandya  (CouriersPlease) |
| 1.0.6 | 11/12/2018 | Physical and volume weight restriction changes | Kalpesh Pandya  (CouriersPlease) |

## 2. TABLE OF CONTENTS

## 3. OVERVIEW

This document defines the APIs in which E-Merchants can validate domestic shipment data and then create a domestic shipment.

Both the Domestic Shipment Validate and the Domestic Shipment Create APIs have the same request structure. It is recommended to use the Domestic Shipment Validate API first to verify your request before using the Domestic Shipment Create API.

## 4. CONSUMES

JSON

## 5. OUTPUT FORMATS

JSON
XML

## 6. HTTP METHOD

POST

CouriersPlease Domestic Validate and Ship API Documentation

## 7. URLS

### 7.1. SANDBOX

While developing and testing use the sandbox URLs:

#### 7.1.1. SHIPMENT VALIDATE API

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

#### 7.1.2. SHIPMENT CREATE API

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

### 7.2. PRODUCTION

After deploying to live use the production URLs:

#### 7.2.1. SHIPMENT VALIDATE API

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

#### 7.2.2. SHIPMENT CREATE API

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

## 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 |
|---|---|
| **pickupDeliveryChoiceID (Optional)** | String<br><br>If you are dropping off your parcel at a POPPoint, please use the DeliveryChoiceID obtained from the Delivery Choices API.<br><br>**NOTE: If a value is entered in this field the pickup address information will be overridden with POPPoint details.** |
| **pickupFirstName (Required)** | String<br><br>Pickup First Name<br><br>Max Length: 50 |
| **pickupLastName (Required)** | String<br><br>Pickup Last Name<br><br>Max Length: 50 |
| **pickupCompanyName (Optional)** | String<br><br>Pickup Company Name<br><br>Required if pickupIsBusiness = true<br><br>Max Length: 50 |
| **pickupEmail (Required)** | String<br><br>Valid Email Address |
| **pickupAddress1 (Required if pickupDeliveryChoiceID is null)** | String<br><br>Pickup Address Line 1<br><br>Max Length: 100 |
| **pickupAddress2 (Optional)** | String<br><br>Pickup Address Line 2<br><br>Max Length: 100 |
| **pickupSuburb (Required if pickupDeliveryChoiceID is null)** | String<br><br>Valid Australian Suburb<br><br>Use the Locations API to obtain a valid suburb |
| **pickupState (Required if pickupDeliveryChoiceID is null)** | String<br><br>Valid Australian State e.g.) NSW, VIC, SA etc.<br><br>Use the Locations API to obtain a valid state |
| **pickupPostcode (Required if pickupDeliveryChoiceID is null)** | String |

| | |
|---|---|
| | Valid Australian Postcode e.g.) 2000, 0800<br><br>Use the Locations API to obtain a valid postcode |
| **pickupPhone (Required)** | String<br><br>Valid Phone Number<br><br>Max Length: 20<br><br>Only numbers spaces and the + symbol are allowed. |
| **pickupIsBusiness (Required)** | Boolean<br><br>Business = true<br><br>Residential = false |
| **destinationDeliveryChoiceID (Optional)** | String<br><br>If you are picking up your parcel at a POPPoint, please use the DeliveryChoiceID obtained from the Delivery Choices API.<br><br>**NOTE: If a value is entered in this field override the destination address information will be overridden with POPPoint details.** |
| **destinationFirstName (Required)** | String<br><br>Destination First Name<br><br>Max Length: 50 |
| **destinationLastName (Required)** | String<br><br>Destination Last Name<br><br>Max Length: 50 |
| **destinationCompanyName (Optional)** | String<br><br>Destination Company Name<br><br>Required if destinationIsBusiness = true<br><br>Max Length: 50 |
| **destinationEmail (Required)** | String<br><br>Valid Email Address |
| **destinationAddress1 (Required if destinationDeliveryChoiceID is null)** | String<br><br>Destination Address Line 1<br><br>Max Length: 100 |
| **destinationAddress2 (Optional)** | String<br><br>Destination Address Line 2<br><br>Max Length: 100 |
| **destinationSuburb (Required if destinationDeliveryChoiceID is null)** | String<br><br>Valid Australian Suburb<br><br>Use the Locations API to obtain a valid suburb |
| **destinationState (Required if destinationDeliveryChoiceID is null)** | String<br><br>Valid Australian State e.g.) NSW, VIC, SA etc.<br><br>Use the Locations API to obtain a valid state |
| **destinationPostcode (Required if destinationDeliveryChoiceID is null)** | String<br><br>Valid Australian Postcode e.g.) 2000, 0800 |

| | |
|---|---|
| | Use the Locations API to obtain a valid postcode |
| **destinationPhone (Required)** | String<br><br>Valid Phone Number<br><br>Max Length: 20<br><br>Only numbers spaces and the + symbol are allowed. |
| **destinationIsBusiness (Required)** | Boolean<br><br>Business = true<br><br>Residential = false |
| **contactFirstName (Required)** | String<br><br>Contact First Name<br><br>Max Length: 50 |
| **contactLastName (Required)** | String<br><br>Contact Last Name<br><br>Max Length: 50 |
| **contactCompanyName (Optional)** | String<br><br>Contact Company Name<br><br>Required if contactIsBusiness = true<br><br>Max Length: 50 |
| **contactEmail (Required)** | String<br><br>Valid Email Address |
| **contactAddress1 (Required)** | String<br><br>Contact Address Line 1<br><br>Max Length: 100 |
| **contactAddress2 (Optional)** | String<br><br>Contact Address Line 2<br><br>Max Length: 100 |
| **contactSuburb (Required)** | String<br><br>Valid Australian Suburb<br><br>Use the Locations API to obtain a valid suburb |
| **contactState (Required)** | String<br><br>Valid Australian State e.g.) NSW, VIC, SA etc.<br><br>Use the Locations API to obtain a valid state |
| **contactPostcode (Required)** | String<br><br>Valid Australian Postcode e.g.) 2000, 0800<br><br>Use the Locations API to obtain a valid postcode |
| **contactPhone (Required)** | String<br><br>Valid Phone Number<br><br>Max Length: 20<br><br>Only numbers spaces and the + symbol are allowed. |
| **contactIsBusiness (Required)** | Boolean |

| | Business = true |
|---|---|
| | Residential = false |
| **specialInstruction (Optional)** | String |
| | Special Instructions to appear on the label. e.g.) Leave at back door. |
| | Max Length: 140 |
| **referenceNumber (Optional)** | String |
| | Reference Number |
| | NOTE: This doesn't display on shipping labels and it is not used for tracking. |
| | Max Length: 40 |
| **termsAccepted (Required)** | Boolean |
| | User must accept terms by entering true to pass validation |
| | See https://www.couriersplease.com.au/About/Terms-Conditions/domestic-service-terms-conditions for more details. |
| **dangerousGoods (Required)** | Boolean |
| | User must declare "No Dangerous Goods" by entering false to pass validation. |
| | See https://www.couriersplease.com.au/Service/Dangerous-Goods for more details. |
| **rateCardId (Required)** | String |
| | Enter the selected RateCardCode obtained from the quote API. |
| **isATL (Optional)** | Boolean |
| | Default value is false. |
| | Will mark ATL (Authority to Leave) on shipping labels. |
| **items (Required)** | Object |
| | At least one item object is required. See table 9.1.1 below. |
| **readyDateTime (Optional)** | Date/Time |
| | Pickup date and time |
| | yyyy-MM-dd hh:mm tt |
| | e.g.) 2016-05-05 01:30 PM or 2016-05-25 07:30 AM |
| | If this is provided then system will generate booking request for the shipment. |
| | **If you are creating one pickup request for many consignments from the same address please use the Book Pickup V2 API.** |
| | If a past date is entered the date value will be automatically changed to the current date and time. It is recommended that date validation is coded into your system to only allow a future date and time. |

### 9.1.1.  ITEMS

| Name | Type |
|------|------|
| **quantity (Required)** | Integer<br>Range: 1-99 |
| **length (Required)** | Integer<br>Length of the item (CM)<br>Range: 1-180 |
| **width (Required)** | Integer<br>Width of the item (CM)<br>Range: 1-180 |
| **height (Required)** | Integer<br>Height of the item (CM)<br>Range: 1-180 |
| **physicalWeight (Required)** | Decimal<br>2 decimal places<br>Physical weight of the item (KG)<br>Range: 0.01-32.00 |

## 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. VALIDATE

```
POST https://api-test.couriersplease.com.au/v1/domestic/shipment/validate HTTP/1.1
```

#### 9.2.1.2. SHIP

```
POST https://api-test.couriersplease.com.au/v1/domestic/shipment/create HTTP/1.1
```

### 9.2.2.  REQUEST HEADER

```
Host: api-test.couriersplease.com.au
Accept: application/json
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
Content-Length: 1624
```

### 9.2.3. REQUEST BODY

**Normal Pickup (pickupDeliveryChoiceID is null and destinationDeliveryChoiceID is null)**

```
{"pickupDeliveryChoiceID":null,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"5/7 Shirley Street",
"pickupSuburb":"Rosehill",
"pickupState":"NSW",
"pickupPostcode":"2142",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":null,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
"destinationState":"VIC",
"destinationPostcode":"3000",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"2016-05-25 07:30 AM",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalweight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalweight":"32.00"}
    ]
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":1670,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"",
"pickupAddress2":"",
"pickupSuburb":"",
"pickupState":"",
"pickupPostcode":"",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":null,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
"destinationState":"VIC",
"destinationPostcode":"3000",
```

```
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalweight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalweight":"32.00"}
    ]
}
```

**When Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":null,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"",
"pickupSuburb":"Rosehill",
"pickupState":"NSW",
"pickupPostcode":"2142",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":1670,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
"destinationState":"VIC",
"destinationPostcode":"3000",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalweight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalweight":"32.00"}
    ]
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null) and Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":1670,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"",
"pickupSuburb":"",
"pickupState":"",
"pickupPostcode":"",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID": 1805,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"",
"destinationAddress2":"",
"destinationSuburb":"",
"destinationState":"",
"destinationPostcode":"",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalWeight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalWeight":"32.00"}
    ]
}
```

## 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. VALIDATE

```
POST https://api.couriersplease.com.au/v1/domestic/shipment/validate HTTP/1.1
```

#### 9.3.1.2. SHIP

```
POST https://api.couriersplease.com.au/v1/domestic/shipment/create HTTP/1.1
```

### 9.3.2. REQUEST HEADER

```
Host: api.couriersplease.com.au
Accept: application/xml
```

```
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
Content-Length: 1624
```

### 9.3.3.  REQUEST BODY

**Normal Pickup (pickupDeliveryChoiceID is null and destinationDeliveryChoiceID is null)**

```
{"pickupDeliveryChoiceID":null,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"5/7 Shirley Street",
"pickupSuburb":"Rosehill",
"pickupState":"NSW",
"pickupPostcode":"2142",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":null,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
"destinationState":"VIC",
"destinationPostcode":"3000",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"2016-05-25 07:30 AM",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalWeight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalWeight":"32.00"}
    ]
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":1670,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"",
"pickupAddress2":"",
"pickupSuburb":"",
"pickupState":"",
"pickupPostcode":"",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":null,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
```

```
"destinationState":"VIC",
"destinationPostcode":"3000",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalWeight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalWeight":"32.00"}
    ]
}
```

**When Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":null,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"",
"pickupSuburb":"Rosehill",
"pickupState":"NSW",
"pickupPostcode":"2142",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID":1670,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"Unit 2",
"destinationAddress2":"778 Test St",
"destinationSuburb":"MELBOURNE",
"destinationState":"VIC",
"destinationPostcode":"3000",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalWeight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalWeight":"32.00"}
    ]
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null) and Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{"pickupDeliveryChoiceID":1670,
"pickupFirstName":"Pickup First",
"pickupLastName":"Pickup-Last",
"pickupCompanyName":"Pickup Company",
"pickupEmail":"pickupCompany@test.com.au",
"pickupAddress1":"Rosehill Industrial Estate Building C South",
"pickupAddress2":"",
"pickupSuburb":"",
"pickupState":"",
"pickupPostcode":"",
"pickupPhone":"1234567890",
"pickupIsBusiness":"true",
"destinationDeliveryChoiceID": 1805,
"destinationFirstName":"Destination First",
"destinationLastName":"Destination Last",
"destinationCompanyName":"",
"destinationEmail":"destinatinationemail@test.com.au",
"destinationAddress1":"",
"destinationAddress2":"",
"destinationSuburb":"",
"destinationState":"",
"destinationPostcode":"",
"destinationPhone":"0987654321",
"destinationIsBusiness":"false",
"contactFirstName":"Contact First",
"contactLastName":"Contact Last",
"contactCompanyName":"Contact Co.",
"contactEmail":"contatctemail@test.com.au",
"contactAddress1":"352 Contact St.",
"contactAddress2":"",
"contactSuburb":"Rosehill",
"contactState":"NSW",
"contactPostcode":"2142",
"contactPhone":"1300 361 000",
"contactIsBusiness":"true",
"referenceNumber": "abc-123",
"termsAccepted":"true",
"dangerousGoods":"false",
"rateCardId":"DSL",
"specialInstruction":"Leave on front door.",
"isATL":"false",
"readyDateTime":"",
"items":[
    {"quantity":"1","length":"10","height":"10","width":"10","physicalWeight":"0.01"},
    {"quantity":"2","length":"10","height":"10","width":"10","physicalWeight":"32.00"}
    ]
}
```

## 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 VALIDATE

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

### 10.3.2. SHIPMENT CREATE

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

| Name | Type | Description |
|---|---|---|
| **consignmentCode** | String | Consignment Number of the new consignment created. |
| **referenceNumber** | String | Consignment Reference number |
| **jobNumber** | String | If readyDateTime is not null or pickupDeliveryChoiceID is null then it will provide Booking number otherwise it will be null |
| **PICKUP** | | |
| **firstName** | String | Pickup First name |
| **lastName** | String | Pickup Last Name |
| **companyName** | String | Pickup Company Name |
| **email** | String | Email Address |
| **deliveryChoiceID** | String | If Pickup from POPPoint ( pickupDeliveryChoiceID is not null ) |
| **address1** | String | Pickup Address Line 1 |
| **address2** | String | Pickup Address Line 2 |

| suburb | String | Pickup Suburb |
|---|---|---|
| state | String | Pickup State |
| postcode | String | Pickup Postcode |
| phone | String | Pickup Phone Number |
| isBusiness | String | True/False |
| | | |

| **DESTINATION** | | |
|---|---|---|
| firstName | String | Destination First name |
| lastName | String | Destination Last Name |
| companyName | String | Destination Company Name |
| email | String | If Delivery to POPPoint ( destinationDeliveryChoiceID is not null ) |
| deliveryChoiceID | String | Email Address |
| address1 | String | If Delivery to POPPoint then null else Destination Address Line 1 |
| address2 | String | If Delivery to POPPoint then null else Destination Address Line 2 |
| suburb | String | If Delivery to POPPoint then null else Destination Suburb |
| state | String | If Delivery to POPPoint then null else Destination State |
| postcode | String | If Delivery to POPPoint then null else Destination Postcode |
| phone | String | Destination Phone Number |
| isBusiness | String | True/False |

## 10.4.   SAMPLE JSON RESPONSE (SUCCESS – 200)

### 10.4.1. SHIPMENT VALIDATE

```
{
 "responseCode": "SUCCESS",
 "msg": "",
 "data": ""
}
```

### 10.4.2. SHIPMENT CREATE

**Normal Pickup (pickupDeliveryChoiceID is null)**

```
{
  "responseCode": "SUCCESS",
  "msg": "",
  "data": {
```

```
      "consignmentCode": "CPWGEC000002081-TEST",
      "referenceNumber": "refnumb",
      "jobNumber": "16866",
      "pickup": {
        "firstName": "TEST Kalpesh",
        "lastName": "TEST Pandya",
        "companyName": "TEST CouriersPlease",
        "email": "kalpesh.pandya@couriersplease.com.au",
        "phone": "0434615248",
        "address1": "5-7 Shirley Street",
        "address2": "",
        "suburb": "ROSEHILL",
        "state": "NSW",
        "postcode": "2142",
        "isBusiness": true
      },
      "destination": {
        "firstName": "TEST Jeff",
        "lastName": "TEST Embro",
        "companyName": "",
        "email": "jeff.embro@couriersplease.com.au",
        "phone": "0434615248",
        "address1": "TEST 17 Pendock Rd",
        "address2": "",
        "suburb": "SYDNEY",
        "state": "NSW",
        "postcode": "2000",
        "isBusiness": false
      }
   }
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null)**
```
{
   "responseCode": "SUCCESS",
   "msg": "",
   "data": {
      "consignmentCode": "CPWGEC000002082-TEST",
      "referenceNumber": "refnumb",
      "jobNumber": null,
      "pickup": {
        "firstName": "TEST Kalpesh",
        "lastName": "TEST Pandya",
        "companyName": "TEST CouriersPlease",
        "email": "kalpesh.pandya@couriersplease.com.au",
        "phone": "0434615248",
        "deliveryChoiceID": "1670",
```

```
      "isBusiness": true
    },
    "destination": {
      "firstName": "TEST Jeff",
      "lastName": "TEST Embro",
      "companyName": "",
      "email": "jeff.embro@couriersplease.com.au",
      "phone": "0434615248",
      "address1": "TEST 17 Pendock Rd",
      "address2": "",
      "suburb": "SYDNEY",
      "state": "NSW",
      "postcode": "2000",
      "isBusiness": false
    }
  }
}
```

**When Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{
  "responseCode": "SUCCESS",
  "msg": "",
  "data": {
    "consignmentCode": "CPWGEC000002082-TEST",
    "referenceNumber": "refnumb",
    "jobNumber": null,
    "pickup": {
      "firstName": "TEST Kalpesh",
      "lastName": "TEST Pandya",
      "companyName": "TEST CouriersPlease",
      "email": "kalpesh.pandya@couriersplease.com.au",
      "phone": "0434615248",
      "address1": "TEST 17 Pendock Rd",
      "address2": "",
      "suburb": "SYDNEY",
      "state": "NSW",
      "postcode": "2000",
      "isBusiness": true
    },
    "destination": {
      "firstName": "TEST Jeff",
      "lastName": "TEST Embro",
      "companyName": "",
      "email": "jeff.embro@couriersplease.com.au",
      "phone": "0434615248",
      "deliveryChoiceID": "1670",
      "isBusiness": false
    }
```

```
    }
}
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null) and Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```
{
    "responseCode": "SUCCESS",
    "msg": "",
    "data": {
        "consignmentCode": "CPWGEC000002082-TEST",
        "referenceNumber": "refnumb",
        "jobNumber": null,
        "pickup": {
            "firstName": "TEST Kalpesh",
            "lastName": "TEST Pandya",
            "companyName": "TEST CouriersPlease",
            "email": "kalpesh.pandya@couriersplease.com.au",
            "phone": "0434615248",
            "deliveryChoiceID": "1805",
            "isBusiness": true
        },
        "destination": {
            "firstName": "TEST Jeff",
            "lastName": "TEST Embro",
            "companyName": "",
            "email": "jeff.embro@couriersplease.com.au",
            "phone": "0434615248",
            "deliveryChoiceID": "1670",
            "isBusiness": false
        }
    }
}
```

## 10.5.    SAMPLE XML RESPONSE (SUCCESS – 200)

### 10.5.1. SHIPMENT VALIDATE

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

### 10.5.2. SHIPMENT CREATE

**Normal Pickup (pickupDeliveryChoiceID is null)**

CouriersPlease Domestic Validate and Ship API Documentation

```xml
<ResponseTemplateOfConsignmentCodeResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg />
  <data>
    <consignmentCode>CPWGEC000002084-TEST</consignmentCode>
    <referenceNumber>refnumb</referenceNumber>
    <jobNumber>20383</jobNumber>
    <pickup>
      <firstName>TEST Kalpesh</firstName>
      <lastName>TEST Pandya</lastName>
      <companyName>TEST CouriersPlease</companyName>
      <email>kalpesh.pandya@couriersplease.com.au</email>
      <phone>0434615248</phone>
      <address1>5-7 Shirley Street</address1>
      <address2 />
      <suburb>ROSEHILL</suburb>
      <state>NSW</state>
      <postcode>2142</postcode>
      <isBusiness>true</isBusiness>
    </pickup>
    <destination>
      <firstName>TEST Jeff</firstName>
      <lastName>TEST Embro</lastName>
      <companyName />
      <email>jeff.embro@couriersplease.com.au</email>
      <phone>0434615248</phone>
      <address1>TEST 17 Pendock Rd</address1>
      <address2 />
      <suburb>SYDNEY</suburb>
      <state>NSW</state>
      <postcode>2000</postcode>
      <isBusiness>false</isBusiness>
    </destination>
  </data>
</ResponseTemplateOfConsignmentCodeResponse>
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null)**

```xml
<ResponseTemplateOfConsignmentCodeResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg />
  <data>
    <consignmentCode>CPWGEC000002085-TEST</consignmentCode>
    <referenceNumber>refnumb</referenceNumber>
    <pickup>
      <firstName>TEST Kalpesh</firstName>
      <lastName>TEST Pandya</lastName>
```

```xml
        <companyName>TEST CouriersPlease</companyName>
        <email>kalpesh.pandya@couriersplease.com.au</email>
        <phone>0434615248</phone>
        <deliveryChoiceID>1670</deliveryChoiceID>
        <isBusiness>true</isBusiness>
      </pickup>
      <destination>
        <firstName>TEST Jeff</firstName>
        <lastName>TEST Embro</lastName>
        <companyName />
        <email>jeff.embro@couriersplease.com.au</email>
        <phone>0434615248</phone>
        <address1>TEST 17 Pendock Rd</address1>
        <address2 />
        <suburb>SYDNEY</suburb>
        <state>NSW</state>
        <postcode>2000</postcode>

        <isBusiness>false</isBusiness>
      </destination>
    </data>
</ResponseTemplateOfConsignmentCodeResponse>
```

**When Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```xml
<ResponseTemplateOfConsignmentCodeResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg />
  <data>
    <consignmentCode>CPWGEC000002085-TEST</consignmentCode>
    <referenceNumber>refnumb</referenceNumber>
    <pickup>
      <firstName>TEST Kalpesh</firstName>
      <lastName>TEST Pandya</lastName>
      <companyName>TEST CouriersPlease</companyName>
      <email>kalpesh.pandya@couriersplease.com.au</email>
      <phone>0434615248</phone>
      <address1>TEST 17 Pendock Rd</address1>
      <address2 />
      <suburb>SYDNEY</suburb>
      <state>NSW</state>
      <postcode>2000</postcode>
      <isBusiness>true</isBusiness>
    </pickup>
    <destination>
      <firstName>TEST Jeff</firstName>
      <lastName>TEST Embro</lastName>
      <companyName />
```

```xml
            <email>jeff.embro@couriersplease.com.au</email>
            <phone>0434615248</phone>
            <deliveryChoiceID>1670</deliveryChoiceID>
            <isBusiness>false</isBusiness>
        </destination>
    </data>
</ResponseTemplateOfConsignmentCodeResponse>
```

**When Pickup from POPPoint (pickupDeliveryChoiceID is not null) and Deliver to POPPoint (destinationDeliveryChoiceID is not null)**

```xml
<ResponseTemplateOfConsignmentCodeResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <responseCode>SUCCESS</responseCode>
    <msg />
    <data>
        <consignmentCode>CPWGEC000002086-TEST</consignmentCode>
        <referenceNumber>refnumb</referenceNumber>
        <pickup>
            <firstName>TEST Kalpesh</firstName>
            <lastName>TEST Pandya</lastName>
            <companyName>TEST CouriersPlease</companyName>
            <email>kalpesh.pandya@couriersplease.com.au</email>
            <phone>0434615248</phone>
            <deliveryChoiceID>1670</deliveryChoiceID>
            <isBusiness>true</isBusiness>
        </pickup>
        <destination>
            <firstName>TEST Jeff</firstName>
            <lastName>TEST Embro</lastName>
            <companyName />
            <email>jeff.embro@couriersplease.com.au</email>
            <phone>0434615248</phone>
            <deliveryChoiceID>1802</deliveryChoiceID>
            <isBusiness>false</isBusiness>
        </destination>
    </data>
</ResponseTemplateOfConsignmentCodeResponse>
```

## 10.6. SAMPLE JSON RESPONSE (INVALID INPUT - 400)

```json
{
 "responseCode": "INVALID_INPUT",
 "msg": "Data Validation Error",
 "data": {
  "errors": [
   {
     "type": "Required Field",
     "field": "pickupFirstName",
```

```
    "description": "Please enter value pickup first name."
  },
  {
    "type": "Required Field",
    "field": "pickupLastName",
    "description": "Please enter value pickup last name."
  }
 ]
 }
}
```

## 10.7.    SAMPLE XML RESPONSE (INVALID INPUT - 400)

```xml
<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>pickupFirstName</field>
        <description>Please enter value pickup first name.</description>
      </ParameterValidationError>
      <ParameterValidationError>
        <type>Required Field</type>
        <field>pickupLastName</field>
        <description>Please enter value pickup last name.</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)

```xml
<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 |