

CouriersPlease Domestic Validate and Ship API Documentation



CouriersPlease

API Version: 2.0.1

1. VERSION CONTROL

Version	Date	Notes	Author
2.0.0	04/01/2018	CP_API_DomesticValidateAndShip_v105 plus Insurance Category	Kalpesh Pandya (CouriersPlease)
2.0.1	11/12/2018	Physical and volume weight restriction changes	Kalpesh Pandya (CouriersPlease)

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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

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/v2/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/v2/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 Vzk5OTk5OkFCQzEyMzQ1Njc4OEQ=="

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

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

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

	<p>Business = true</p> <p>Residential = false</p>
specialInstruction (Optional)	<p>String</p> <p>Special Instructions to appear on the label. e.g.) Leave at back door.</p> <p>Max Length: 140</p>
referenceNumber (Optional)	<p>String</p> <p>Reference Number</p> <p>Max Length: 40</p>
termsAccepted (Required)	<p>Boolean</p> <p>User must accept terms by entering true to pass validation</p> <p>See https://www.couriersplease.com.au/About/Terms-Conditions/domestic-service-terms-conditions for more details.</p>
dangerousGoods (Required)	<p>Boolean</p> <p>User must declare "No Dangerous Goods" by entering false to pass validation.</p> <p>See https://www.couriersplease.com.au/Service/Dangerous-Goods for more details.</p>
rateCardId (Required)	<p>String</p> <p>Enter the selected RateCardCode obtained from the quote API.</p>
isATL (Optional)	<p>Boolean</p> <p>Default value is false.</p> <p>Will mark ATL (Authority to Leave) on shipping labels.</p>
items (Required)	<p>Object</p> <p>At least one item object is required. See table 9.1.1 below.</p>
readyDateTime (Optional)	<p>Date/Time</p> <p>Pickup date and time</p> <p>yyyy-MM-dd hh:mm tt</p> <p>e.g.) 2016-05-05 01:30 PM or 2016-05-25 07:30 AM</p> <p>If this is provided then system will generate booking request for the shipment.</p> <p>If you are creating one pickup request for many consignments from the same address please use the Book Pickup V2 API.</p> <p>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.</p>
InsuranceCategory (Optional)	<p>String</p> <p>Valid values: INS2, INS3, INS4</p> <p>If this is provided then system will add additional insurance cost into the shipment</p>

9.1.1. ITEMS

Name	Type
quantity (Required)	Integer Range: 1-99
length (Required)	Integer Length of the item (CM) Range: 1-180
width (Required)	Integer Width of the item (CM) Range: 1-180
height (Required)	Integer Height of the item (CM) Range: 1-180
physicalWeight (Required)	Decimal 2 decimal places Physical weight of the item (KG) 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/v2/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": "destinatationemail@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": "contactctemail@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",
  "InsuranceCategory": "INS2",
  "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": "destinatationemail@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": "contactctemail@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": "",
"InsuranceCategory": "INS2",
"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": "destinationemail@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": "contactctemail@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": "",
"InsuranceCategory": "INS2",
"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": "destinationemail@test.com.au",
  "destinationAddress1": "",
  "destinationAddress2": "",
  "destinationSuburb": "",
  "destinationState": "",
  "destinationPostcode": "",
  "destinationPhone": "0987654321",
  "destinationIsBusiness": "false",
  "contactFirstName": "Contact First",
  "contactLastName": "Contact Last",
  "contactCompanyName": "Contact Co.",
  "contactEmail": "contactemail@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": "",
  "InsuranceCategory": "INS2",
  "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 VzK50Tk50kFCQzEyMzQ1Njc4OQ==
 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": "destinatationemail@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",
  "InsuranceCategory": "INS2",
  "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":"destinatationemail@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":"",
"InsuranceCategory": "INS2",
"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":"destinatationemail@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":"",
"InsuranceCategory": "INS2",
"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": "destinatationemail@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": "",
"InsuranceCategory": "INS2",
"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)

```
<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)

```
<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>
    <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)

```

<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 />
        <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)

```

<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)

```
{
```

```
"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)

```
<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)


```
<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