

Jerry-Domestic Modify Shipment API

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- **Document modification record**

Version	Date	Author	Comment
V 1.0	04/18/2018	Liang Huang	Initial
V 1.5	06/27/2018	Liang Huang	Second version of API Merchandise added
V 1.6	23/07/2018	Liang Huang	Third version of API ECI added, default sender address added.

Requirements

- The customer should register in Jerry system before using this API
- The customer who use stock control should lodge their product into Jerry system.
- EParcel product, which is AU POST domestic service.
- ECI product, which is AU POST international service. All info will be transfer to AUPOST
- EParcel label will be about 100mm×150mm
- ECI label will be of A4 size.

- **LARGE LETTERI** will be about 100mm×90mm, **DOMESTIC EWI** will be about 100mm×150mm
- **EParcel** label is generate in **JERRY** system, so there will be no time gap between lodging shipment and print label.
- **ECI** label is generate in **AU POST** system, which may take some time, so we suggested you to wait for time, after you lodge your shipments. If you wait too long, you could contact **JERRY**.

JSON data

- **Test Address**

<https://newomstest.ewe.com.au/eweApi/ewe/api/modifyShipment>

- **Live Address**

Jerry will provide the username and key after the customer go through all the test API

- **Request method**

POST

- **Header content-type**

application/javascript

Request Data details

All the data must be English.

Element name	Type	Optional/Mandatory	Comments
username	String	Mandatory	This will provided by EWE
digest	String	Mandatory	The digest algorithm will be shown below
msgType	String	Mandatory	Should be modifyShipment
version	String	Optional	Could be 1.6

Element name	Type	Optional/Mandatory	Comments
referenceNo	String	Optional	The customer reference number(articleId or referenceNo not null)
articleId	String	Optional	articleId (articleId or referenceNo not null)
reason	String	Mandatory	reason
from	json	Mandatory	Sender info
to	json	Mandatory	Receiver info
merchandise	array[merchandise]	Optional	

- **From**

Element name	Type	Optional/Mandatory	Comments
name	String	Mandatory	No Longer than 40 words
lines	Array[String]	Mandatory	The address lines of the address. Minimum of one address line, up to a maximum of three. Each address line is a maximum of 40 characters.
suburb	String	Mandatory	There will be a validation of these area
state	String	Mandatory	There will be a validation of these area
postcode	String	Mandatory	There will be a validation of these area
phone	String	Mandatory	The phone number must be between 10 and 20 characters in length and the allowable characters are "()- 0-9" (digits, space, hyphen and parentheses.) Examples are 0491-570-156, 02) 5550 1234, +61 (3) 7010 4321.
email	String	Optional	Sender email address

- **To**

Element name	Type	Optional/Mandatory	Comments
name	String	Mandatory	No Longer than 40 words
lines	Array[String]	Mandatory	The address lines of the address. Minimum of one address line, up to a maximum of three. Each address line is a maximum of 40 characters.
suburb	String	Mandatory	There will be a validation of these area
state	String	Mandatory	There will be a validation of these area
postcode	String	Mandatory	There will be a validation of these area
phone	String	Optional	The phone number must be between 10 and 20 characters in length and the allowable characters are "()- 0-9" (digits, space, hyphen and parentheses.) Examples are 0491-570-156, 02) 5550 1234, +61 (3) 7010 4321.
email	String	Optional	Receiver email address

- **Merchandise**

Use of stock can not be used

Element name	Type	Optional/Mandatory	Comments
sku	String	Optional	
goodsName	String	Suggested	Products name
goodsNameCn	String	Suggested	Products name in Chinese
barcode	String	Optional	UPC
description	String	Optional	
country_of_origin	String	Optional	Product origin country
quantity	Integer	Optional	quantity
value	Decimal	Optional	Single item price
length	Decimal	Optional	Single item length

Element name	Type	Optional/Mandatory	Comments
width	Decimal	Optional	Single item width
height	Decimal	Optional	Single item height
weight	Decimal	Optional	Single item weight

Response Data details

Element name	Type	Optional/Mandatory	Comments
success	boolean	Mandatory	result
message	array[errors]	Mandatory	message
code	Integer	Mandatory	See appendix 2.

Digest algorithm

he algorithm is MD5 + base64 algorithm, for string 123456,

the digest will be oNCmEhRuYMf62nPzLxGrjA==

example:

digest = test + modifyShipment + 123456

```
String content = username + auPostShipmentsToJerryDto.getMsgType();
```

```
String digest = MD5Util.MD5Encode(content, auCustomer.getPassword());
```

```
//content = testmodifyShipment
```

```
//keys = 123456
```

```
public static String MD5Encode(String content, String keys) {
    String sign = "";
    String charset = "UTF-8";
    content = content + keys;
    try {
        MessageDigest md = MessageDigest.getInstance("MD5");
        md.update(content.getBytes(charset));
        sign = new String(Base64.encodeBase64(md.digest()), charset);
    } catch (Exception e) {
        throw new RuntimeException(e);
    }
    return sign;
}
```

EWE will provide the key and the test is shown in the example below.

JSON

- **The request example**

```
{
  "username": "test",
  "digest": "oNCmEhRuYMf62nPzLxGrjA==",
  "msgType": "modifyShipment",
  "version": "1.0",
  "articleId": "ABC200001901000935008",
  "referenceNo": "TEST88888",
  "from": {
    "name": "Sydney ",
    "phone": "0296442648",
    "suburb": "Chullora",
    "state": "NSW",
    "lines": [
      "haha"
    ],
    "postcode": "2190"
  },
  "to": {
    "name": "Tom Love Jerry",
    "phone": "0404280016",
    "suburb": "Croydon",
    "state": "NSW",
    "email": "123456@qq.com",
    "lines": [
      "xixi"
    ],
    "postcode": "2132"
  },
  "merchandise": [
    {
      "value": 5,
      "weight": 6,
      "quantity": 2,
      "barcode": "456132",
      "goodsName": "Unichi",
      "goodsNameCn": "Unichi玫瑰果精华美白胶囊",
      "sku": "uni",
      "description": "description"
    },
    {
      "value": "50",
      "weight": 2,
      "quantity": 1,
      "barcode": "9418783002851",
      "goodsName": "Aptamil",
      "goodsNameCn": "澳洲Aptamil爱他美4段",
      "sku": "Aptamil",
      "description": "description"
    }
  ]
}
```

- The response example

```
{
  "success": true,
  "message": "Modify success!",
  "code": 0
}
```

Appendix 1

Note:

- The green is EParcel product, which is AU POST domestic service.
- The yellow is ECI product, which is AU POST international service. All info will be transfer to AU POST
- The blue is Freight Service product
- The gray is LARGE LETTER product
- The red is DOMESTIC EWE product

Charge Code	Product Type	Return to the waybill number	Max Weight(KG)
3D35	PARCEL POST + SIGNATURE	Yes	22
3J35	EXPRESS POST + SIGNATURE	Yes	22
ECM8	INTL EXPRESS MERCH/ECI MERCH	No	20
PTI8	INTL STANDARD/PACK & TRACK	No	22
ECD8	INTL EXPRESS DOCS/ECI DOCS	No	2
RPI8	INTL ECONOMY W SOD/ REGD POST	No	2
999998	Freight Service	No	100
999997	LARGE LETTER	No	22
999996	DOMESTIC EWE	No	∞

Appendix 2

API return code

Code	Error Description
0	Success
1	Unknown error
2	Service temporarily unavailable
3	Unsupported openapi method
10	Invalid parameter
101	Invalid API key
104	Incorrect signature