Logicon Shipping App

Specification v1.0

Last Update - 2024-07-04

Contents

1. Introduction

1.1. Purpose

This document details the specification of multiple endpoints for Logicon V4 shipping application which will allow you to generate labels, apply tracking operations and use other available services in your Make.com cloud account.

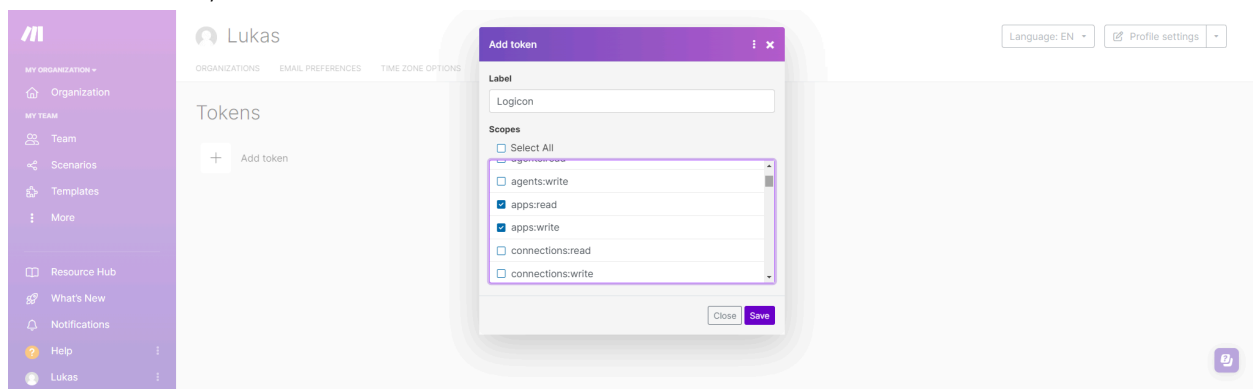# 2. Making Logicon Shipping App available in your Make.com account

During Logicon registration steps (or later in your profile) you will be required to enter following information in order for Logicon shipping application to become available in your Make.com cloud account:

Step 1
- Your Make.com API key with following scopes:
  - apps:read
  - apps:write

To create API key login to your Make.com account go into your profile by clicking on your name in the bottom left corner, then navigating to the API section and then clicking the "Add token" button. Define name for the API key and select mentioned scopes.

Generate Make.com API key

Once you have the API key copy-paste it in Logicon.

Step 2

- Your Make.com dashboard URL

  After the login to your Make.com account - copy Make.com URL and paste it in Logicon field - "Make.com Dashboard - URL" during registration process or in your profile.

  Structure of URL should be similar to -
  https://eu2.make.com/organization/1502620/dashboard

Step 3

- Once you are logged into Logicon go into your profile and retrieve your Logicon API key which you will need to use when creating a connection in Make.com for Logicon Shipping App.

Now you can start using Logicon in Make! Happy shipping. If you have any questions regarding the setup please contact us at - support@logilink.io

3. Create a Consignment

Main end-point of the application. Will create a consignment in Logicon shipping portal. In order to achieve that you will need to map fields below from the application of your choice.

Table below represents parameters, their types and meaning.

Consignment:

Data Element (Parameter)	Mandatory	Type	Additional Information
Uploaded Date		Date / Time (Unix)	Remove from public application.
White Label ID		Integer	Remove from public application. API key will need to handle parameter value.
Client ID		Integer	Remove from public application. API key

Data Element (Parameter)	Mandatory	Type	Additional Information
			will need to handle parameter value.
User ID		Integer	Remove from public application. API key will need to handle parameter value.
Consignment Status		Integer	Remove from public application.
Consignment Message		String	Remove from public application.
To Manifest		Boolean	Remove from public application. We will use a separate end-point for manifesting.
Client Service Code	One of these	String	Either one parameter is mandatory. Both parameters can not be used at the same time. You would use client service code if your routing is set up (e.g. Express, Economy) and carrier service id if you know and want to create a consignment for the specific carrier. If no value is provided then Logicon will assign a generic carrier to the consignment.
Carrier Service ID		Integer	
Client Reference	Yes	String	Define your client reference number which in most cases will be shown on the label. We recommend no more than 20 characters.
Batch Reference	Yes	String	Define batch reference number on which basis consignments are going to be grouped. E.g. ABCDE-YYMMDD
Consignment Currency	Optional	String	Currency of the consignment, required for international shipping.
Total Value	Optional	Number	Total value of the consignment, required for international shipping
Export Reason	Optional	String	Reason for export, required for international shipping. Possible values are: Sale, Commercial Samples, Gift, Return, Documents

Data Element (Parameter)	Mandatory	Type	Additional Information
Terms of Trade	Optional	String	Terms of trade, required for international shipping. Possible values are: DAP, DDU, DDP, EXW, FAS, CIF, FOB
Unit Type for Weight	Yes	String	Unit type for weight (e.g. Kg, Lb)
Unit Type for Dimensions	Yes	String	Unit type for dimensions (e.g. Cm, In)
Pickup	Optional	Boolean	Define TRUE if pickup is required or FALSE if it is not. Empty value will be treated as FALSE.
Pickup Date	Optional	Date	Date of pickup (DD-MM-YYYY)
Pickup Time From	Optional	Time	Start time of pickup window (HH:mm)
Pickup Time To	Optional	Time	End time of pickup window (HH:mm)
cod	Optional	Boolean	Remove from public application.
cod_payment_amount	Optional	Number	Remove from public application.
cod_currency	Optional	String	Remove from public application.
insurance	Optional	Boolean	Remove from public application.
insurance_amount	Optional	Number	Remove from public application.
insurance_currency	Optional	String	Remove from public application.
Internal Notes	Optional	String	Internal notes for consignment
Client Notes	Optional	String	Notes from the client
sender	**Yes**	**Object**	**Contains sender's details**
receiver	**Yes**	**Object**	**Contains receiver's details**

Data Element (Parameter)	Mandatory	Type	Additional Information
packages	Yes	Array	Contains package details

Sender:

Data Element (Parameter)	Mandatory	Type	Additional Information
First Name	Yes	String	Sender's first name. Limitation to 35 characters.
Last Name	Yes	String	Sender's last name. Limitation to 35 characters
Company	Optional	String	Sender's company name. Limitation to 40 characters
Phone	Optional	String	Sender's phone number including international code. Limitation to 15 characters
Mobile	Optional	String	Sender's mobile number including international code. Limitation to 15 characters
Email	Optional	String	Sender's email address
Address 1	Yes	String	Sender's primary address. Limitation to 35 characters.
Address 2	Optional	String	Sender's secondary address. Limitation to 35 characters.
City	Yes	String	Sender's city
Postcode	Yes	String	Sender's postcode
Region	Optional	String	Sender's region
Country	Yes	String	ISO 2 format (e.g. GB)

Data Element (Parameter)	Mandatory	Type	Additional Information
EORI Number	Optional	String	Sender's EORI number
VAT Number	Optional	String	Sender's VAT number
IOSS Number	Optional	String	Sender's IOSS number
Company Registration Number	Optional	String	Sender's company registration number
Passport Number	Optional	String	Sender's passport number
Identity Card Number	Optional	String	Sender's identity card number

Receiver:

Data Element (Parameter)	Mandatory	Type	Additional Information
First Name	Yes	String	Receiver's first name. Limitation to 35 characters.
Last Name	Yes	String	Receiver's last name. Limitation to 35 characters.
Company	Optional	String	Receiver's company name. Limitation to 40 characters
Phone	Optional	String	Receiver's phone number including international code. Limitation to 15 characters
Mobile	Optional	String	Receiver's mobile number including international code. Limitation to 15 characters
Email	Optional	String	Receiver's email address
Address 1	Yes	String	Receiver's primary address
Address 2	Optional	String	Receiver's secondary address

Data Element (Parameter)	Mandatory	Type	Additional Information
City	Yes	String	Receiver's city
Postcode	Yes	String	Receiver's postcode
Region	Optional	String	Receiver's region
Country	Yes	String	ISO 2 format (e.g. GB)
Eori Number	Optional	String	Receiver's EORI number
VAT Number	Optional	String	Receiver's VAT number
IOSS Number	Optional	String	Receiver's IOSS number
Company Registration Number	Optional	String	Receiver's company registration number
Passport Number	Optional	String	Receiver's passport number
Identity Card Number	Optional	String	Receiver's identity card number

Packages Array:

Data Element (Parameter)	Mandatory	Type	Additional Information
Package Sequence	Optional	Number	Sequence number of the package
Client Reference	Optional	String	Client reference of the package
Carrier Number	Optional	String	When creating a consignment carrier number could be defined if required.
Reference 1	Optional	String	
Reference 2	Optional	String	
Reference 3	Optional	String	

Data Element (Parameter)	Mandatory	Type	Additional Information
GTN	Optional	String	Grouped Tracked Number. Identifier to group packages which can be used to filter. E.g. Use the AirWay Bill number. During the supply chain more than one gtn can be applied to a package.
Pallet / Bag Number	Optional	String	Define packing number to distribute packing tasks
Content	Yes	String	Content description of the package
Volume	Optional	Number	Define packages volume in m3. If left blank will be calculated automatically.
Weight	Yes	Number	Physical weight of the package. Unit type is defined in the consignment object.
Height	Optional	Number	Height of the package. Unit type is defined in the consignment object.
Width	Optional	Number	Width of the package. Unit type is defined in the consignment object.
Length	Optional	Number	Length of the package. Unit type is defined in the consignment object.
Package Status	Optional	Number	Remove from public application.
customs	**Yes**	**Array**	**Contains customs details**

Customs Array:

Data Element (Parameter)	Mandatory	Type	Additional Information
code_type	Optional	String	Remove from public application.
Item HS Code	Optional	String	Item HS code. Required for international shipping.
Description	Optional	String	Description of the item
Quantity	Yes	Number	
Weight	Yes	Number	Physical weight of 1 unit of the item
Item SKU	Optional	String	SKU of the item
Value	Yes	Number	Value of 1 unit of the item
Currency	Optional	String	Currency of the item. If left blank and consignment currency is defined in the request - consignment currency will be used.
Origin	Optional	String	Origin country of the item. ISO 2 (e.g. GB).

Note: one consignment can have (contain) multiple packages while one package can have (contain) multiple customs items.

Json Example - Request:

```
{
  "token": "sampleToken12345",
  "operation": "manifest",
  "manifest": true,
  "client_reference": "CR12345",
  "batch_reference": "BR12345",
  "client_service_name": "Express",
  "consignment_currency": "USD",
  "total_value": 100.5,
```

"export_reason": "Sale",
"terms_of_trade": "DAP",
"unit_type_for_weight": "Kg",
"unit_type_for_dimensions": "Cm",
"pickup": true,
"pickup_date": "01-09-2023",
"pickup_time_from": "09:00",
"pickup_time_to": "17:00",
"cod": true,
"cod_payment_amount": 100.5,
"cod_currency": "USD",
"insurance": true,
"insurance_amount": 1000,
"insurance_currency": "USD",
"internal_notes": "Handle with care",
"client_notes": "Fragile items inside",
"sender": {
  "first_name": "John",
  "last_name": "Doe",
  "company": "JD Corp",
  "phone": "+441234567890",
  "mobile": "+441234567891",
  "email": "john.doe@jdcorp.com",
  "address_1": "123 Street",
  "address_2": "Suite 4B",
  "city": "London",
  "postcode": "W1A 1AA",
  "region": "Greater London",
  "country": "GB",
  "eori_no": "GB123456789000",
  "vat_no": "GB987654321",
  "ioss_no": "IM1234567890",
  "comp_reg_no": "01234567",
  "passport_no": "123456789",
  "identity_card_no": "ID9876543"
},
"receiver": {
  "first_name": "Jane",
  "last_name": "Smith",
  "company": "JS Inc",
  "phone": "+1234567890",
  "mobile": "+1234567891",
  "email": "jane.smith@jsinc.com",
  "address_1": "456 Avenue",
  "address_2": "Apt 7C",
  "city": "New York",

```json
      "postcode": "10001",
      "region": "NY",
      "country": "US",
      "eori_no": "US1234567890",
      "vat_no": "US987654321",
      "ioss_no": "IM0987654321",
      "comp_reg_no": "98765432",
      "passport_no": "987654321",
      "identity_card_no": "ID1234567"
    },
    "packages": [
      {
        "package_sequence": 1,
        "client_reference": "PKG12345",
        "content": "Electronics",
        "volume": 0.002,
        "weight": 2.5,
        "height": 10,
        "width": 20,
        "length": 30,
        "customs": [
          {
            "code_type": "HS Code",
            "item_code": "1234.56.78",
            "description": "Electronic gadget",
            "quantity": 1,
            "weight": 2.5,
            "item_sku": "ELE12345",
            "value": 100.5,
            "currency": "USD",
            "origin": "GB"
          }
        ]
      }
    ]
}
```

Response:

Data Element (Parameter)	Type	Additional Information
success	Boolean	Defines if consignment has been created in Logicon.
message	String	Success related message.
errorMessage	String	In case of failure to generate labels or insert consignment into Logicon error message is defined here.
packages	Array	
package_sequence	String	Sequence number of the package.
package_no	String	Unique number of the package generated by Logicon. First two letters represent sender country in ISO format, two next letters represent recipient country in ISO Format.
client_reference	String	Reference given by a client and associated with the package. Logicon will reject consignment if the request would have client reference of a package which has been used by the same client before. Must be unique.
carrier_number	String	Number associated with the package provided by the carrier. In most cases this number is being used for tracking purposes.
tracking_url	String	Tracking URL of the package.
documents	Array	All the documents associated with the specific package.
type_code	String	Type of the document.
format	String	Format of the document.

Data Element (Parameter)	Type	Additional Information
content	String	URL to content of the document encoded in base64.

Json Example - Response (Success):

```
[
  {
      "success": true,
      "data": {
            "message": "Manifested successfully",
            "errorMessage": "",
            "packages": [
              {
                    "package_sequence": "01",
                    "package_no": "GBUSLLDLR40426G",
                    "client_reference": "Client_Ref",
                    "carrier_number": "ABCDEFG001",
                    "tracking_url": "https://tracking.carrierx.com/?itemNumber=ABCDEFG001",
                    "documents": [
                      {
                                "type_code": "label",
                                "format": "PDF",
                                "content": "URL to Base64econdedPDF"
                      },
                      {
                                "type_code": "customsInvoice",
                                "format": "PDF",
                                "content": "URL to Base64econdedPDF"
                      }
                    ]

            }
            ]


      }
  }
]
```

Json Example - Response (Error):

```
[
  {
      "success": false,
      "data": {
              "message": "Manifesting error",
              "errorMessage": "Receiver parameter "address 1" should be less than 35
characters "
      }
  }
]
```

4. Change History

Version	Date	Reason for issue
V4.0	2023.09.06	Initial release supporting Logicon V4