

## EDI document

Document for the SmartForwarder EDI. All APIs are regular REST API calls.

### Common APIs

#### Login API

Used to collect a Token for an EDI User. Please contact the admin@smartforwarder.co to get the following information

1. EDI app id
2. EDI app secret
3. Base API url

**URL** : /auth/local

**Method** : POST

**Auth required** : NO

#### API call

POST {{baseUrl}}/auth/local  
Content-Type: application/json

#### curl example\*

```
curl -X POST {{baseUrl}}/auth/local \
-H "Content-Type: application/json" \
-d '{
  "identifier": "edi-app-id",
  "password": "edi-app-secret",
  "shop": "example.smartforwarder.co"
}'
```

#### Data constraints

```
{
  "identifier": "[EDI APP ID]",
  "password": "[EDI APP SECRET]",
  "shop": "[customer name]"
}
```

#### Data example

```
{
  "identifier": "edi-app-id",
  "password": "edi-app-secret",
  "shop": "example.smartforwarder.co"
}
```

## Success Response

**Code : 200 OK**

### Content example

```
{
  "status": "Authenticated",
  "jwt": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZiZlMTc1LCJpYXQiOjE3MDE3NDY1MzIsImV4cCI6MTY0OTQyNjA0fQ=="
}
```

## Error Response

**Condition :** If ‘identifier’ and ‘password’ combination is wrong.

**Code : 400 BAD REQUEST**

**Content :**

```
{
  "statusCode": 400,
  "error": "Bad Request",
  "message": [
    {
      "messages": [
        {
          "id": "Auth.form.error.invalid",
          "message": "Invalid email or password."
        }
      ]
    }
  ],
  "data": [
    {
      "messages": [
        {
          "id": "Auth.form.error.invalid",
          "message": "Invalid email or password."
        }
      ]
    }
  ]
}
```

## Health API

Check the health status

**URL :** /v1/health

**Method :** GET

**Auth required :** YES

**API call**

```
GET {{baseUrl}}/v1/health
Authorization: Bearer {{token}}
Content-Type: application/json
```

**curl example**

```
curl {{baseUrl}}/auth/local \
-H "Content-Type: application/json" \
-H "Authorization: Bearer {{token}}" \
```

**Success Response**

**Code :** 200 OK

**Content example**

```
{
  "success": true
}
```

## Shipment APIs

**Create a new shipment**

**URL :** /v1/shipments

**Method :** POST

**Auth required :** YES

**API call**

```
POST {{baseUrl}}/v1/shipments
Authorization: Bearer {{token}}
Content-Type: application/json
```

```
{
  "post_body": "value"
}
```

**curl example**

```
curl -X POST {{baseUrl}}/v1/shipments \
-H "Authorization: Bearer {{token}}" \
-H "Content-Type: application/json" \
-d '{
  "post_body": "value"
}'
```

## Success Response

Code : 200 OK

## Content example

```
{  
  "success": true  
}
```

## API POST body

In the post body, we need the information like following.

1. MBL fields
2. HBLs
  1. HBL1 fields
    1. containers
  2. HBL2 fields
    1. containers

```
{  
  "mbl_field1": "value1",  
  "mbl_field2": "value2",  
  "hbls": [  
    {  
      "hbl1_field": "value1",  
      "containers": [  
        {"container1": "value" },  
        {"container2": "value" }  
      ]  
    },  
    {  
      "hbl2_field": "value1",  
      "containers": [  
        {"container1": "value" },  
        {"container2": "value" }  
      ]  
    }  
  ]  
}
```

1. mbl\_type (see below)
2. term
  1. CY-CY
  2. CFS-CFS
  3. and more
3. obl\_type
4. mode
  1. FCL

- 2. LCL
- 3. CONS
- 4. BULK
- 5. AIR
- 5. carrier
- 6. weightUnit
  - 1. KG
  - 2. LB
- 7. volumeUnit
  - 1. CBM
  - 2. CFT
- 8. type
  - 1. ocean\_import
  - 2. ocean\_export
  - 3. air\_import
  - 4. air\_export

Field Name	Options	Explanation
mbl_type	CL	CO-LOAD
	CS	
	DR	
	DR	
	FW	Normal
	NR	
	TP	
	TR	
	OT	

```
{
  "mbl_no": "MBL-number",
  "office": "20",
  "mbl_type": "NR",
  "carrier_booking_no": "CARRIER_BOOKING_NUMBER",
  "carrier": {
    "id": 123,
    "name": "example carrier"
  },
  "vessel": "VESSEL",
  "voyage": "VOYAGE",
  "port_of_loading": " (CNNBO)NINGBO, ZJ, CHINA",
  "etd": "2024-05-25",
  "port_of_discharge": " (USNYC)NEW YORK, NY, US",
  "eta": "2024-05-31",
  "mode": "FCL",
  "term": "CY-CY",
}
```

```

"obl_type": "original",
"containers": [
  {
    "ext_id": "new_167097",
    "name": "CNT1234567",
    "seal_number": "SEAL-NUMBER",
    "size": "40",
    "type": "RF",
    "pieces": 1,
    "weight": 200,
    "measure": 300,
    "mark": "N/M"
  }
],
"pieces": 1,
"weight": 200,
"weightUnit": "KG",
"measure": 300,
"volumeUnit": "CBM",
"hbls": [
  {
    "hbl_no": "HBL-NUMBER",
    "ams_no": "AMS-NUMBER",
    "isf_no": "ISF-NUMBER",
    "shipper": {
      "id": 456,
      "name": "example shipper"
    },
    "consignee": {
      "id": 4567,
      "name": "example consignee"
    },
    "notify": {
      "id": 4569,
      "name": "example notify"
    },
    "mode": "FCL",
    "last_free_date": null,
    "hbl_release": "original",
    "cargo_type": "NOR",
    "containers": [
      {
        "name": "CNT1234567",
        "seal_number": "SEAL-123456",
        "size": "40",
        "type": "ODO",

```

```
        "pieces":1,  
        "weight":20,  
        "measure":30,  
        "mark":"N/M"  
    },  
    ],  
    "pieces":1,  
    "weight":20,  
    "weightUnit":"KG",  
    "measure":30,  
    "volumeUnit":"CBM"  
},  
],  
"type":"ocean_import"  
}
```