

EDI document

The Login API is used to collect a Token for an EDI User. This token is required to authenticate subsequent API calls.

Common APIs

Login API

To use the Login API, please contact the administrator at admin@smartforwarder.co to obtain the following information

1. EDI App ID: A unique identifier for your EDI application.
2. EDI App Secret: A secret key associated with your EDI application.
3. Base API URL: The root URL for the API endpoints.

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.eyJpZCI6MTc1LCJpYXQiOiJlMDE3NDY1MzIsImV4cCI6MTc1LCJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6MTc1LCJpYXQiOiJlMDE3NDY1MzIsImV4cCI6MTc1LCJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9"
}
```

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
```

```
{
  "field": "value"
}
```

curl example

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

Success Response

Code : 200 OK

Content example

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

Add memo to shipment

URL : /v1/shipments/:id/memos

Method : POST

Auth required : YES

API call

POST {{baseUrl}}/v1/shipments/:id/memos

Authorization: Bearer {{token}}

Content-Type: application/json

```
{  
  "subject": "Shipment delay notice",  
  "content": "Due to weather conditions, the shipment has been delayed by 2 days. New ETA is",  
  "type": "general"  
}
```

curl example

```
curl --location '{{baseUrl}}/v1/shipments/fe9748bd-be64-4a06-92ae-609ba19f65d3/memos' \  
--header 'Authorization: Bearer {{token}}' \  
--header 'Content-Type: application/json' \  
--data '{  
  "subject": "Shipment delay notice",  
  "content": "Due to weather conditions, the shipment has been delayed by 2 days. New ETA is",  
  "type": "general"  
}'
```

URL Parameters

| Parameter | Type | Description |
|-----------|--------|--------------------|
| id | string | Shipment ID (UUID) |

Request Body

| Field | Type | Required | Description |
|---------|--------|----------|--|
| subject | string | Yes | Memo subject/title |
| content | string | Yes | Memo content/body |
| type | string | Yes | Memo type (e.g., “general”, “delay”, “update”) |

Success Response

Code : 200 OK

Content example

```
{
  "success": true,
  "data": {
    "id": 123,
    "subject": "Shipment delay notice",
    "content": "Due to weather conditions, the shipment has been delayed by 2 days. New ETA",
    "type": "general",
    "created_at": "2024-01-15T10:30:00Z"
  }
}
```

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_field1": "value1",
      "hbl1_field2": "value2",
      "containers": [
        {"container1": "value" },
        {"container2": "value" }
      ]
    },
    {
      "hbl2_field1": "value1",
      "hbl2_field2": "value2",

```

```

        "containers": [
            {"container1": "value" },
            {"container2": "value" }
        ]
    }
]
}

1. mbl_type (see below)
2. term (see below)
3. Example: CY-CY
4. obl_type (see below)
5. mode
    1. FCL
    2. LCL
    3. CONS
    4. BULK
    5. AIR
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

{
  "ombl": {
    "carrier_booking_no": "CARRIER_BOOKING_NUMBER",
    "weightUnit": "KG",
    "volumeUnit": "CBM",
    "weight": 200,
    "measure": 300,
    "pieces": 2,
    "mode": "FCL",
    "term": "CY-CY",
    "obl_type": "original",
    "mbl_no": "ZFNG266030",
    "mbl_type": "NR",
    "vessel": "VESSEL",
    "voyage": "VOYAGE",
    "port_of_loading": " (CNNBO)NINGBO, ZJ, CHINA",
    "port_of_discharge": " (USNYC)NEW YORK, NY, US",

```

```

"mark": "N/M",
"commodity_info": "CARGO DESCRIPTION",
"carrier": {
  "id": 123,
  "name": "example carrier"
},
"containers": [
  {
    "name": "CNT1234567",
    "seal_number": "SEAL-NUMBER",
    "size": "40",
    "type": "RF",
    "pieces": 1,
    "weight": 200,
    "measure": 300,
    "mark": "N/M"
  }
],
"eta": "2024-08-30",
"etd": "2024-07-31"
},
"hbls": [
  {
    "hbl_no": "HPTE260926",
    "ams_no": "AMS-NUMBER",
    "isf_no": "ISF-NUMBER",
    "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"
      }
    ],
    "mark": "N/M",
    "commodity_info": "CARGO DESCRIPTION",
    "pieces": 1,
    "weight": 20,

```

```

        "weightUnit": "KG",
        "measure": 30,
        "volumeUnit": "CBM"
    }
],
"type": "ocean_import"
}

```

Shipment supported fields

| Field | Value |
|-------|--------------|
| type | ocean_import |

OMBL supported fields

| Field | Value |
|-------------------------------------|-------------------------------|
| mbl_no | OOLU2735700604 |
| mode | FCL |
| term | CY-DOOR |
| carrier_contract_no | NULL |
| eta | 2024-05-02 |
| etd | 2024-05-02 |
| atd | 2024-05-02 |
| ata | 2024-05-02 |
| etb | 2024-05-02 |
| final_eta | 2024-05-02 |
| port_of_discharge | LONGBEACH |
| port_of_transit | NULL |
| port_of_loading | (CNSGH)SHANGHAI, SH, CHINA |
| vessel | OOCL EGYPT 059E |
| voyage | 059E |
| place_of_delivery | NULL |
| place_of_delivery_original_location | NULL |
| place_of_delivery_eta | NULL |
| final_destination | NULL |
| final_destination_original_location | NULL |
| mbl_type | NR |
| cy_location | NULL |
| cfs_location | NULL |
| obl_type | seaway_bill |
| original_bl_received_date | NULL |
| telex_release_received_date | NULL |

| Field | Value |
|------------------------------------|--------------|
| release_date | 2024-05-01 |
| place_of_receipt | NULL |
| place_of_receipt_original_location | NULL |
| place_of_receipt_etd | NULL |
| container_return_location | NULL |
| original_bl_released_date | NULL |
| customer_ref_no | NULL |
| post_at | NULL |
| hbl_no | NULL |
| ship_type | NULL |
| commodity | NULL |
| package | NULL |
| pieces | 1 |
| weight | NULL |
| measure | NULL |
| commodity_info | NULL |
| pickup_number | NULL |
| weightUnit | KG |
| volumeUnit | CBM |
| mark | NULL |
| carrier_booking_no | O2735700604 |
| chargeable_weight | NULL |
| chargeable_weight_unit | NULL |
| customer_booking_no | NULL |
| customer | contact type |
| bill_to | contact type |
| shipper | contact type |
| consignee | contact type |
| notify | contact type |
| additional_notify | contact type |
| agent | contact type |
| trucker | contact type |
| broker | contact type |

HLB supported fields

| Field | Type |
|----------------|--------|
| hbl_no | string |
| po_no | string |
| ams_no | string |
| isf_no | string |
| available_date | date |

| Field | Type |
|-------------------------------------|--------------|
| place_of_delivery | string |
| place_of_delivery_original_location | string |
| place_of_delivery_eta | date |
| final_destination | NULL |
| final_destination_original_location | NULL |
| final_eta | NULL |
| mode | FCL |
| freight_payment | NULL |
| last_free_date | 2024-05-09 |
| commodity | NULL |
| package | NULL |
| pieces | NULL |
| weight | NULL |
| measure | NULL |
| commodity_info | NULL |
| pickup_number | NULL |
| weightUnit | KG |
| volumeUnit | CBM |
| mark | string |
| chargeable_weight | NULL |
| rate_class | NULL |
| chargeable_weight_unit | NULL |
| nature_quantity_of_goods | NULL |
| other_charges | NULL |
| original_bl_released_date | NULL |
| original_code | NULL |
| loading_location | NULL |
| hbl_type | seaway_bill |
| place_of_receipt_etd | NULL |
| pickup_location | NULL |
| carrier_booking_no | NULL |
| equipment_origin | NULL |
| on_board_date | NULL |
| customer | contact type |
| bill_to | contact type |
| shipper | contact type |
| consignee | contact type |
| notify | contact type |
| additional_notify | contact type |
| agent | contact type |
| trucker | contact type |
| broker | contact type |

Container supported fields

| Field | Value |
|--------------------|-------------|
| name | ABCD9298668 |
| type | HC |
| pieces | 900 |
| pickup_number | NULL |
| seal_number | EFGH123 |
| weight | 12690.00 |
| size | 40 |
| measure | 68.000 |
| mark | N/M |
| weightUnit | KG |
| volumeUnit | CBM |
| discharged_date | NULL |
| iso_container_type | NULL |
| country_origin | NULL |
| original_code | NULL |
| po_no | NULL |
| commodity_info | NULL |

Enum types

MBL Types:

| Options | Explanation |
|---------|-----------------|
| CL | CO-LOAD |
| CS | Consol |
| DR | Direct |
| DP | Direct Triangle |
| FW | Forwarding |
| NR | Normal |
| TP | Third Party |
| TR | Triangle |
| OT | Other |

Term Types:

| Options | Explanation |
|---------|-------------|
| BT | BT |
| CFS | CFS |
| CY | CY |

| Options | Explanation |
|---------|-------------|
| DOOR | DOOR |
| FI | FI |
| FO | FO |
| FT | FOT |
| RAMP | RAMP |
| TK | TACKLE |

OBL Types:

| Options | Explanation |
|-------------------------|-------------|
| ORIGINAL BILL OF LADING | original |
| telex | TELEX |
| seaway_bill | SEAWAY BILL |
| e_bill | E-BILL |

Freight Payment

| Options | Explanation |
|---------|-------------|
| prepaid | prepaid |
| collect | collect |

HBL Release

| Options | Explanation |
|----------|-------------|
| original | original |
| telex | telex |

Sales Type

| Options | Explanation |
|---------|-------------|
| C | CO-LOAD |
| F | FREE CARGO |
| N | NOMI |

Cargo Type

| Options | Explanation |
|---------|----------------------|
| AUT | AUTOMOBILE (NON-HAZ) |
| BAT | BATTERY |
| NOR | GENERAL CARGO |
| DGG | HAZARDOUS |
| REF | REFRIGERATED |
| SPC | SPECIAL |

Mode

| Options | Explanation |
|---------|-------------|
| FCL | FCL |
| LCL | LCL |
| CONS | CONS |
| BULK | BULK |
| AIR | AIR |

weightUnit

| Options | Explanation |
|---------|-------------|
| KG | KG |
| LB | LB |

volumeUnit

| Options | Explanation |
|---------|-------------|
| CBM | CBM |
| CFT | CFT |

Contact Type For contact type, we support the following fields

| Field | Value |
|------------|--|
| id | 123: the id in the original system |
| name | cosco shipping line |
| short_name | cosco |
| address | World Business Center, Xiaoshan District, Hangzhou |
| country | CN |
| city | Hangzhou |