

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.eyJpZiZlMTc1LCJpYXQiOjE3MDE3NDY1MzIsImV4cCI6MTc1MDE3NDY1MzIsImNpdCI6ImFkbWUiLCJ0eXAiOiJKV1QiLCJkaXYiOiJmcm9udCJ9.eyJpZiZlMTc1LCJpYXQiOjE3MDE3NDY1MzIsImNpdCI6ImFkbWUiLCJ0eXAiOiJKV1QiLCJkaXYiOiJmcm9udCJ9"
}
```

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	
	NR	Normal
	TP	
	TR	
	OT	

```
{
  "mbl_no": "MBL-number",
  "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"
}

```

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

Shipment supported fields

Field	Value
mbl_no	OOLU2735700604
agent	contact type
carrier	contact type
coloader	contact type
mode	FCL
term	CY-DOOR
agent_ref_no	NULL
sub_bl_no	NULL
carrier_contract_no	NULL
eta	2024-05-02
etd	NULL
atd	NULL
ata	NULL
etb	NULL
final_eta	NULL

Field	Value
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
mb_l_type	NR
cy_location	NULL
cfs_location	NULL
freight_payment	PREPAID
obl_type	seaway_bill
original_bl_received_date	NULL
telex_release_received_date	NULL
release_date	2024-05-01
place_of_receipt	NULL
place_of_receipt_original_location	NULL
place_of_receipt_etd	NULL
container_return_location	NULL
it_no	NULL
it_date	NULL
it_place	NULL
freight_charge_weight	NULL
entry_date	NULL
shipper	contact type
consignee	contact type
notify	contact type
additional_notify	NULL
original_bl_released_date	NULL
cargo_type	NULL
customer	contact type
bill_to	contact type
customer_ref_no	NULL
last_e_tracking_date	NULL
original_code	NULL
post_at	NULL
hbl_no	NULL
trucker	contact type
ship_type	NULL
commodity	NULL
package	NULL

Field	Value
pieces	1
weight	NULL
measure	NULL
commodity_info	NULL
pickup_number	NULL
weightUnit	KG
volumeUnit	CBM
doc_cut_off_time	NULL
port_cut_off_time	NULL
vgm_cut_off_time	NULL
rail_cut_off_time	NULL
po_no	NULL
itn_no	NULL
cfs_contact	NULL
cfs_phone	NULL
mark	NULL
shipping_agency	NULL
carrier_booking_no	O2735700604
doc_cut_off_date	NULL
port_cut_off_date	NULL
rail_cut_off_date	NULL
doc_cut_off_hour	NULL
port_cut_off_hour	NULL
rail_cut_off_hour	NULL
forwarding_agent	contact type
arrival_notice_remark	NULL
delivery_order_remark	NULL
soc_address	NULL
final_eta_hour	NULL
on_board_date	NULL
delivery_location	NULL
pickup_location	NULL
broker	contact type
last_free_date	NULL
arrival_notice_sent_date	NULL
delivery_order_sent_date	NULL
chargeable_weight	NULL
chargeable_weight_unit	NULL
customer_booking_no	NULL

HBL supported fields

Field	Type
hbl_no	string
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
po_no	string
ams_no	string
isf_no	string
cycfs_location	contact type
available_date	date
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
delivery_location	NULL
mode	FCL
freight_payment	NULL
last_free_date	2024-05-09
rail	NULL
rail_company	NULL
it_no	NULL
it_date	NULL
it_place	NULL
go_date	NULL
expiry_date	NULL
hbl_release	telex
sales_type	NULL
incoterms	NULL
cargo_type	NOR
term	NULL
entry_no	NULL
entry_doc_sent_date	NULL
original_bl_received_date	NULL
telex_release_received_date	date
is_release_order_required	NULL
hold_notes	NULL
hold_reason	NULL

Field	Type
release_date	date
door_delivery_date	NULL
arrival_notice_sent_date	date: 2024-05-02
delivery_order_sent_date	NULL
commodity	NULL
package	NULL
pieces	NULL
weight	NULL
measure	NULL
commodity_info	NULL
pickup_number	NULL
weightUnit	KG
volumeUnit	CBM
entry_date	NULL
mark	string
arrival_notice_remark	NULL
delivery_order_remark	NULL
additional_delivery_location	NULL
commercial_invoice_no	NULL
soc_address	NULL
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
origin_terminal	NULL
hbl_type	seaway_bill
itn_no	NULL
forwarding_agent	contact type
sub_bl_no	NULL
place_of_receipt	NULL
place_of_receipt_original_location	NULL
place_of_receipt_etd	NULL
pickup_location	NULL
carrier_booking_no	NULL
equipment_origin	NULL
on_board_date	NULL
booking_requested_date	NULL
booking_confirmed_date	NULL
ci_pl_received_date	NULL
isf_filed_date	NULL

Field	Type
hbl_issued_date	NULL
document_approved_date	NULL
ams_accepted_date	NULL
delivery_trucker	NULL
container_return_location	NULL
delivery_pickup_date	NULL
equipment_return_date	NULL

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
pickup_date	NULL
move_date	NULL
delivery_date	NULL
return_date	NULL
soc	0
gatein_date	NULL
mark	N/M
weightUnit	KG
volumeUnit	CBM
last_free_date	NULL
discharged_date	NULL
it_number	NULL
rail_bl	NULL
iso_container_type	NULL
country_origin	NULL
original_code	NULL
po_no	NULL
commodity_info	NULL