

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.eyJpZCI6MTc1LCJpYXQiOiJE3MDE3NDY1MzIsImV4cCI6MTc1LCJ0eXAiOiJKV1QiLCJkaXYiOiJmcm9udCJ9.eyJpZCI6MTc1LCJpYXQiOiJE3MDE3NDY1MzIsImV4cCI6MTc1LCJ0eXAiOiJKV1QiLCJkaXYiOiJmcm9udCJ9." } }
```

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
}
```

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",
            "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"
                }
            ],
            "mark": "N/M",
            "commodity_info": "CARGO DESCRIPTION",
            "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
type	ocean_import

OMBL 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	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

Field	Value
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
pieces	1

Field	Value
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

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
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