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
\mathbf{Method}: \mathtt{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"
}
```

```
\mathbf{Code}: 200 \ \mathsf{OK}
Content example
  "status": "Authenticated",
  "jwt": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6MTc1LCJpYXQiOjE3MDE3NDY1MzIsImV4cCI6I
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
\mathbf{URL}: / \mathtt{v1/health}
\mathbf{Method}: \mathtt{GET}
```

Success Response

```
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
\mathbf{URL}: / \mathtt{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"
```

```
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

Success Response

 $\mathbf{Code}: 200 \ \mathsf{OK}$

```
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

vessel	Field	Value
vessel voyage voyage place of_delivery place_of_delivery place_of_delivery_original_location place_of_delivery_eta NULL final_destination NULL freight_payment NULL freight_payment NULL freight_payment NULL freighace_or_received_date NULL velease_date NULL freight_chare_return_location NULL fit_date NULL freight_charge_weight NULL freight_charge_weight NULL freight_charge_weight NULL shipper contact type contact type consignee notify original_bl_released_date NULL cargo_type NULL customer solution NULL last_e_tracking_date NULL original_code NULL notill NULL NULL NULL NULL NULL NULL NULL NU	port_of_loading	(CNSGH)SHANGHAI, SH,
voyage place_of_delivery		CHINA
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original_code post_at NULL hbl_no NULL trucker ship_type commodity package NULL NULL NULL NULL NULL NULL NULL NUL		NULL
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trucker contact type ship_type NULL commodity NULL package NULL		
ship_type NULL commodity NULL package NULL		contact type
commodity NULL package NULL	ship_type	v -
package NULL		NULL
1	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
11014_100011	110111

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
101_11104_4440	1.011

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

Term Types:

Options	Explaination
BT	BT
CFS	CFS
CY	CY
DOOR	DOOR
FI	$_{ m FI}$
FO	FO
FT	FOT
RAMP	RAMP
TK	TACKLE

OBL Types:

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

Freight Payment

Options	Explaination
prepaid	prepaid
collect	collect

HBL Release

Options	Explaination
original telex	original telex
telex	telex

Sales Type

Options	Explaination
\overline{C}	CO-LOAD
\mathbf{F}	FREE CARGO
N	NOMI

Cargo Type

Options	Explaination
AUT	AUTOMOBILE (NON-HAZ)
BAT	BATTERY
NOR	GENERAL CARGO
$\overline{\mathrm{DGG}}$	HAZARDOUS
REF	REFRIGERATED
SPC	SPECIAL

\mathbf{Mode}

Options	Explaination
FCL	FCL
LCL	LCL
CONS	CONS
BULK	BULK
AIR	AIR

weightUnit

Options	Explaination
KG	KG
LB	LB

${\bf volume Unit}$

Options	Explaination
CBM	CBM
CFT	CFT