

API DOCUMENTATION

API CREATE ORDER

SAP EXPRESS



Host Staging : <http://apisandbox.coresyssap.com/>

Host Production : <https://api.coresyssap.com/>

api_key (*staging*) : • DEV_m4rK3tPlac3#_2019 (*courier assignment*)

• DEV_wareHous3#_2019 (*drop off / handover*)

customer_code (*staging*) : • DEV001 (COD Account)

• DEV000 (NON COD Account)

customer_code (*production*) : •

Version : • v.1.5

1. GET COVERAGE AREA

Method : GET
Description : SAP EXPRESS COVERAGE AREA
Endpoint : **/master/district/get**

Header :

```
{ "Content-Type": "application/json", "api_key": "<api_key>" }
```

Response *Success* :

```
{
  "city_code": "JK00",
  "district_code": "JK00",
  "district_name": "JAKARTA",
  "zone_code": "ZBJK0701",
  "provinsi_code": "JK",
  "city_name": "JAKARTA",
  "tlc_branch_code": "CGK",
  "provinsi_name": "DKI JAKARTA"
},
{
  "city_code": "JK07",
  "district_code": "JK07",
  "district_name": "JAKARTA BARAT",
  "zone_code": "ZBJK0701",
  "provinsi_code": "JK",
  "city_name": "JAKARTA BARAT",
  "tlc_branch_code": "JBA",
  "provinsi_name": "DKI JAKARTA"
},
```

Response *Fail* :

```
{
  "status": false,
  "error": "Invalid API key "
}
```

2. GET SERVICE

Method : GET
Description : SAP EXPRESS SERVICE
Endpoint : **/master/service_type/get**

Header :

```
{ "Content-Type": "application/json", "api_key": "<api_key>" }
```

Response *Success* :

```
[  
  {  
    "service_type_code": "REG",  
    "service_type_name": "Reguler",  
    "service_desc": null  
  },  
  {  
    "service_type_code": "ODS",  
    "service_type_name": "One Day Service",  
    "service_desc": null  
  },  
  {  
    "service_type_code": "SDS",  
    "service_type_name": "Sameday",  
    "service_desc": null  
  }  
]
```

Response *Fail* :

```
{  
  "status": false,  
  "error": "Invalid API key "  
}
```

3. GET SHIPMENT CONTENT TYPE

Method : GET
Description : SAP EXPRESS SHIPMENT CONTENT
Endpoint : **/master/shipment_content/get?shipment_type_code=<SHTDC>/<SHTPC**

Header :

```
{ "Content-Type": "application/json", "api_key": "<api_key>" }
```

Response *Success* :

```
{
  "status": true,
  "data": [
    {
      "shipment_type_code": "SHTDC",
      "shipment_content_code": "SHTDC",
      "shipment_content_name": "DOKUMEN"
    },
    {
      "shipment_type_code": "SHTPC",
      "shipment_content_code": "SHTPC",
      "shipment_content_name": "PAKET"
    }
  ]
}
```

Response *Fail* :

```
{
  "status": false,
  "error": "Invalid API key "
}
```

4. GET SHIPMENT COST PUBLISH

Method : POST

Description : GET SHIPMENT COST PUBLISH

Endpoint : **/master/shipment_cost/publish**

****Note : for staging you must use host production to get Shipping cost***

Header :

```
{"Content-Type":"application/json","api_key":"<api_key>"}
```

Body Parameter Staging :

([Price according to SAP Express Website](#))

```
{
  "origin": "JB07",
  "destination": "JB07",
  "weight": 1,
  "cost_type" : "NEW"
}
```

Body Parameter Production :

([Prices contained in FRP](#))

```
{
  "origin": "JB07",
  "destination": "JB07",
  "weight": 1,
  "customer_code" : "B0001"
}
```

Response *Success*

```
{
  "origin": "JB07",
  "destination": "JB07",
  "weight": 1,
  "coverage_cod": true,
  "price": {
    "REG": 17500,
  },
  "price_detail": {
    "DRGREG": {
      "service_type_code": "REG",
      "service_type_name": "REGULAR",
      "unit_price": "3500",
      "minimum_kilo": 5,
      "price": 17500,
      "sla": "2-3 Hari",
      "sla_min": "2",
      "sla_max": "3",
      "id": "374353"
    },
  },
  "price_array": [
    {
      "service_type_code": "REG",
```

```

        "service_type_name": "REGULAR ",
        "unit_price": "3500",
        "minimum_kilo": 5,
        "price": 17500,
        "sla": "2-3 Hari",
        "sla_min": "2",
        "sla_max": "3",
        "id": "374353"
    },
]
}

```

Response *Fail*

```

{
  "price": [],
  "price_detail": [],
  "price_array": null
}

```

5. REQUEST PICKUP / ORDER

Method : POST

Description : REQUEST PICKUP / ORDER

Endpoint : **/shipment/pickup/single_push**

Header :

```

{"Content-Type":"application/json","api_key":"<api_key>"}

```

Body Parameter :

```

{
  "customer_code": "B0001",
  "awb_no" : "MARKETPLACE-FROM-API-02",
  "reference_no": "MARKETPLACE-FROM-API-02",
  "description_item": "jkj",
  "pickup_name": "test saint bernard",
  "pickup_address": "Ampera 22 Office",
  "pickup_phone": "082123400096",
  "pickup_district_code": "JB07",
  "service_type_code": "UDRREG",
  "pickup_place": 1,
  "quantity": 1,
  "weight": 1,

```

```

"volumetric": "120x20x30",
"shipment_type_code": "SHTPC",
"insurance_flag": 1,
"shipper_name": "test saint bernard",
"shipper_address": "Ampera 22 Office",
"shipper_phone": "082123400096",
"destination_district_code": "JB07",
"receiver_name": "Jhon Doe",
"receiver_address": "jalan cibeunying kidul",
"receiver_phone": "082123400096",
"item_value": null,
"cod_flag": 1,
"cod_value": null
}

```

Detail Parameter

Parameter Name	Parameter Option	Type Length	Default Values	Sample Values	Description
customer_code	Mandatory	string(50)	-	BOO01	matching with customer code which already registered in SAP system
awb_no	Optional	string(20)	-	ZLG2018010000014	Airwaybill has registered in our system
reference_no	Mandatory	string(16)	-	BL00000000000362	Contain any value that is considered unique by B2B/Ecommerce
pickup_name	Mandatory	string(100)	-	ELEKTRO SHOP	`
pickup_address	Mandatory	string(200)	-	KRAMAT ASEM RAYA NO. 6,	Pickup Address
pickup_phone	Mandatory	string(20)	-	81212345678	Pickup Phone
pickup_place	Optional	int(5)		1 or 2	1 = Pickup , 2 = Drop Off/ Handover "note : can be setup as default Api_key or added on Pickup_place parameter"
pickup_email	Optional	string(50)	-	putri@gmail.com	Pickup Email
pickup_postal_code	Optional	int(5)	-	13120	Pickup Postal Code
pickup_contact	Optional	string(100)	-	JASON	Pickup Contact
pickup_latitude	Optional	string(50)	-	21899900	Pickup address latitude coordinate

pickup_longitude	Optional	string(50)	-	-6.9129488	Pickup address longitude coordinate
pickup_district_code	Mandatory	string(6)	-	JK0701	district_code of pickup origin (obtained from api :/master/district/get)
service_type_code	Mandatory	string(6)	-	UDRREG	service code that are used in the process of delivery of goods (obtained from api : /master/service_type /get)
quantity	Mandatory	integer(9)	-	1	the number of koli in one shipment
total_item	Optional	int(5)	null	5	total item in koli
weight	Mandatory	integer(9)	-	10	weight of goods in one shipment
volumetric	Mandatory	string(50)	-	10x60x60	volumetric of goods in one shipment
shipment_type_code	Mandatory	string(5)	-	SHTPC	SHTDC = DOCUMENT, SHTPC = PACKAGE
shipment_content_code	Optional	string(5)		SHT86	SHT86 = MAJALAH/MAGAZINE (master/shipment_content)
shipment_label_flag	Optional	int(1)	0	0	0:False, 1:True
description_item	Optional	string(200)	null	ELEKTRONIK	Description
packing_type_code	Optional	string(5)	null	ACH02	ACH02= PAKING KAYU, ACH03=PACKING KARDUS / BUSA FOAM, ACH04=PACKING FULL
item_value	Optional	Float	0	15250	Goods Value
insurance_flag	Mandatory	int(1)	1		1 = Non Insurance, 2 = Insurance "note : If flag = 2, then item_value, insurance_type_code & insurance_value become mandatory"
insurance_type_code	Optional	string(10)	-	INS01	Insurance Code (INS01=ASURANSI TMT PAKET, INS02=ASURANSI TMT DOKUMEN BERHARGA)
insurance_value	Optional	Float			Insurance Value = item_value * insurance percentage which already agreed on FRP
cod_flag	Mandatory	int(1)	1	2	1 = Non COD, 2 = COD
cod_value	Optional	Float			COD Price

					"note : If flag = 2, then cod_value become mandatory"
shipper_name	Mandatory	string(100)	-	ELEKTRO SHOP	Name of shipper
shipper_address	Mandatory	string(200)	-	KRAMAT ASEM RAYA NO. 6, UTAN KAYU SELATAN, JAKARTA TIMUR 13120	Shipper address
shipper_phone	Mandatory	string(20)	-	81212345678	Shipper Phone Number
shipper_email	Optional	string(50)	null	elektro@gmail.com	Shipper email address
shipper_postal_code	Optional	int(5)	null	13120	Shipper Postal Code / Zip Code
shipper_contact	Optional	string(100)	null	JASON	Shipper contact
destination_district_code	Mandatory	string(6)	-	JK0703	district_code of which receiver destination (obtained from api : /master/district/get)
receiver_name	Mandatory	string(100)	-	DESWANDA NI PUTRI	Receiver Name
receiver_address	Mandatory	string(200)	-	JALAN PANJANG NO. 08, JAKARTA BARAT	Receiver Address
receiver_phone	Mandatory	string(20)	-	85612345678	Receiver Phone Number
receiver_email	Optional	string(50)	null	putri@gmail.com	Receiver Email Address
receiver_postal_code	Optional	int(5)	null	13120	Receiver Postal Code / Zip Code
receiver_contact	Optional	string(100)	null	PUTRI	Receiver Contact
special_instruction	Optional	string(100)		Fragile	

Response *Success*

```
{
  "status": "success",
  "data": {
    "awb_no": "DMP00097810746",
    "reference_no": "JJ000223465345",
    "origin_branch_code": "JKU",
    "destination_branch_code": "JKT",
```

```

        "tlc_branch_code": "JKT",
        "label": "http://apisanbox.coresyssap.com/shipment/label/printout?awb_no=DMP00097810746&api_key=DEV_m4rK3tPlac3%23_2019"
    },
    "msg": "Pickup transfer success",
    "response": 201
}

```

Response **Fail**

```

{
  "status": "fail",
  "msg": "REFERENCE NO. SUDAH ADA. MOHON GANTI DENGAN YANG LAIN."
}

```

6. CANCEL PICKUP / ORDER

Method : POST

Description : CANCEL ORDER

Endpoint : **/shipment/pickup/cancel**

Note : Status on the AWB that you want to cancel order max ENTRY VERIFIED

Header :

```

{"Content-Type":"application/json","api_key":"<api_key>"}

```

Body Parameter :

```

{
  "awb_no": "MARKETPLACE-FROM-API-02",
  "desc": "CANCEL ORDER",
  "cancel_date": "2020-01-23 00:00:11"
}

```

Response **Success**

```

{
  "status": "success",
  "data": {
    "awb_no": "MARKETPLACE-FROM-API-02",
    "cancel_date": "2022-08-24 11:47:46"
  }
}

```

```
},
  "msg": "Cancel Order Success",
  "response": 200
}
```

Response **Fail**

```
{
  "status": "fail",
  "msg": "AWB NO (PICKUP) MARKETPLACE-FROM-API-11 TIDAK DITEMUKAN"
}
```

7. GET TRACKING ORDER

Method : GET

Description : GET TRACKING SHIPMENT ORDER BY **awb_no** or **reference_no**

Endpoint :

- /shipment/tracking/awb?awb_no=SOD450035172912741
- /shipment/tracking/reference?reference_no=SOD450035172912741

***Note : for production you must use endpoint** <https://track.coresyssap.com/>

Header :

```
{"Content-Type":"application/json","api_key":"<api_key>"}
```

Response **Success** :

```
[
  {
    "tracking_id": "800139273",
    "rowstate_name": "ENTRI (SEDANG DI PICKUP)",
    "pod_status_code": null,
    "pod_status_name": null,
    "tracking_doc_no": "PUPMST0003226807",
    "reference_no": "TEST-16122022-201",
    "create_date": "2022-12-21 09:44:38",
    "counter_name": "DEVELOPMENT",
    "user_inp": "DEV_RIZQI",
    "description": "[KURIR: KURIR TESTING] [ALAMAT PICKUP: TEST]",
    "origin": "Gambir",
    "destination": "Gambir",
    "receiver_name": "TEST",
    "koli": "1",
  }
]
```

```

        "kilo": "1",
        "packing_cost": "0",
        "surcharge_cost": "0",
        "insurance_cost": "0",
        "rowstate": "21",
        "pod_receiver_name": "",
        "pod_relation_name": "",
        "latitude": null,
        "longitude": null,
        "pod_type": null,
        "current_branch_name": "DEVELOPMENT"
    },
    {
        "tracking_id": "800141456",
        "rowstate_name": "PICKED UP",
        "pod_status_code": null,
        "pod_status_name": null,
        "tracking_doc_no": "PRF0003226313",
        "reference_no": "PUPMST0003226807",
        "create_date": "2022-12-21 09:45:37",
        "counter_name": "DEVELOPMENT",
        "user_inp": "KURIR2022 - KURIR TESTING",
        "description": "[KURIR: KURIR TESTING] [ALAMAT PICKUP: TEST] [KETE
RANGAN: BARANG LENGKAP]",
        "origin": "Gambir",
        "destination": "Gambir",
        "receiver_name": "TEST",
        "koli": "1",
        "kilo": "1",
        "packing_cost": "0",
        "surcharge_cost": "0",
        "insurance_cost": "0",
        "rowstate": "22",
        "pod_receiver_name": "",
        "pod_relation_name": "",
        "latitude": null,
        "longitude": null,
        "pod_type": null,
        "current_branch_name": "DEVELOPMENT",
        "photo_pickup_multi": [
            "https://client.coresyssap.com/getimage/get_image_pickup?key=0
&proof_no=PRF0003226313&type=1",
            "https://client.coresyssap.com/getimage/get_image_pickup?key=1
&proof_no=PRF0003226313&type=1"
        ]
    },
    {
        "tracking_id": "800143799",
        "rowstate_name": "ENTRI VERIFIED",
        "pod_status_code": null,
        "pod_status_name": null,

```

```

        "tracking_doc_no": "TEST-16122022-201",
        "reference_no": "TEST-16122022-201",
        "create_date": "2022-12-21 09:48:46",
        "counter_name": "DEVELOPMENT",
        "user_inp": "DEV_RIZQI",
        "description": "SUDAH DI KONFIRMASI DAN VERIFIKASI OLEH USER: DEV_
RIZQI",
        "origin": "Gambir",
        "destination": "Gambir",
        "receiver_name": "TEST",
        "koli": "1",
        "kilo": "1",
        "packing_cost": "0",
        "surcharge_cost": "0",
        "insurance_cost": "0",
        "rowstate": "3",
        "pod_receiver_name": "",
        "pod_relation_name": "",
        "latitude": null,
        "longitude": null,
        "pod_type": null,
        "pickup_manual_no": null,
        "current_branch_name": "DEVELOPMENT",
        "flag_pickup_manual_awb": 0,
        "awb_no": "TEST-16122022-201"
    },
    {
        "tracking_id": "800144102",
        "rowstate_name": "MANIFEST OUTGOING",
        "pod_status_code": null,
        "pod_status_name": null,
        "tracking_doc_no": "CMODEV0005800688",
        "reference_no": "TEST-16122022-201",
        "create_date": "2022-12-21 09:49:27",
        "counter_name": "DEVELOPMENT",
        "user_inp": "DEV_RIZQI",
        "description": "OUTGOING",
        "origin": "Gambir",
        "destination": "Gambir",
        "receiver_name": "TEST",
        "koli": "1",
        "kilo": "1",
        "packing_cost": "0",
        "surcharge_cost": "0",
        "insurance_cost": "0",
        "rowstate": "4",
        "pod_receiver_name": "",
        "pod_relation_name": "",
        "latitude": null,
        "longitude": null,
        "pod_type": null,

```

```
    "current_branch_name": "DEVELOPMENT",
    "awb_no": "TEST-16122022-201"
  },
  {
    "tracking_id": "800144702",
    "rowstate_name": "INCOMING",
    "pod_status_code": null,
    "pod_status_name": null,
    "tracking_doc_no": "CMIDEV0003274544",
    "reference_no": "TEST-16122022-201",
    "create_date": "2022-12-21 09:49:57",
    "counter_name": "DEVELOPMENT",
    "user_inp": "DEV_RIZQI",
    "description": null,
    "origin": "Gambir",
    "destination": "Gambir",
    "receiver_name": "TEST",
    "koli": "1",
    "kilo": "1",
    "packing_cost": "0",
    "surcharge_cost": "0",
    "insurance_cost": "0",
    "rowstate": "7",
    "pod_receiver_name": "",
    "pod_relation_name": "",
    "latitude": null,
    "longitude": null,
    "pod_type": null,
    "current_branch_name": "DEVELOPMENT",
    "awb_no": "TEST-16122022-201"
  },
  {
    "tracking_id": "800145013",
    "rowstate_name": "DELIVERY ",
    "pod_status_code": null,
    "pod_status_name": null,
    "tracking_doc_no": "DRSDEV0010362412",
    "reference_no": "TEST-16122022-201",
    "create_date": "2022-12-21 09:50:31",
    "counter_name": "DEVELOPMENT",
    "user_inp": "DEV_RIZQI",
    "description": "KURIR: KURIR TESTING KET: [ KURIR : KOTA ] ",
    "origin": "Gambir",
    "destination": "Gambir",
    "receiver_name": "TEST",
    "koli": "1",
    "kilo": "1",
    "packing_cost": "0",
    "surcharge_cost": "0",
    "insurance_cost": "0",
    "rowstate": "8",
```

```

        "pod_receiver_name": "",
        "pod_relation_name": "",
        "latitude": null,
        "longitude": null,
        "pod_type": null,
        "current_branch_name": "DEVELOPMENT",
        "awb_no": "TEST-16122022-201"
    },
    {
        "tracking_id": "800146382",
        "rowstate_name": "POD - UNDELIVERED",
        "pod_status_code": "O7",
        "pod_status_name": "DITOLAK",
        "tracking_doc_no": "DRSDEV0010362412",
        "reference_no": "TEST-16122022-201",
        "create_date": "2022-12-21 09:52:16",
        "counter_name": "DEVELOPMENT",
        "user_inp": "KURIR2022",
        "description": "[KURIR: KURIR TESTING] [PENERIMA: ] [HUB: ] [STATU
S: UNDELIVERED - O7 - DITOLAK] - KETERANGAN: TIDAK MERASA PESAN",
        "origin": "Gambir",
        "destination": "Gambir",
        "receiver_name": "TEST",
        "koli": "1",
        "kilo": "1",
        "packing_cost": "0",
        "surcharge_cost": "0",
        "insurance_cost": "0",
        "rowstate": "9",
        "pod_receiver_name": "",
        "pod_relation_name": null,
        "latitude": "-6.2671777",
        "longitude": "106.8838736",
        "pod_type": "2",
        "current_branch_name": "DEVELOPMENT",
        "awb_no": "TEST-16122022-201",
        "pod_no": "POD60137792199",
        "pod_photo_undelivered": "https://client.coresyssap.com/photo/pod/
TEST-16122022-201",
        "pod_signature_undelivered": "https://client.coresyssap.com/photo/
pod_signature/TEST-16122022-201",
        "pod_photo_undelivered_multi": [
            "https://client.coresyssap.com/getimage/get_all_images?key=0&p
od_no=POD60137792199.jpg&type=1"
        ]
    },
    {
        "tracking_id": "800153872",
        "rowstate_name": "DELIVERY RETURN",
        "pod_status_code": null,
        "pod_status_name": null,

```

```
    "tracking_doc_no": "TEST-16122022-201",
    "reference_no": "TEST-16122022-201",
    "create_date": "2022-12-21 10:02:55",
    "counter_name": "DEVELOPMENT",
    "user_inp": "DEV_RIZQI",
    "description": "DEV_RIZQI",
    "origin": "Gambir",
    "destination": "Gambir",
    "receiver_name": "TEST",
    "koli": "1",
    "kilo": "1",
    "packing_cost": "0",
    "surcharge_cost": "0",
    "insurance_cost": "0",
    "rowstate": "14",
    "pod_receiver_name": "",
    "pod_relation_name": "",
    "latitude": null,
    "longitude": null,
    "pod_type": null,
    "current_branch_name": "DEVELOPMENT",
    "awb_no": "TEST-16122022-201"
  },
  {
    "tracking_id": "812128015",
    "rowstate_name": "SHIPMENT RETURN TO CLIENT",
    "pod_status_code": null,
    "pod_status_name": null,
    "tracking_doc_no": "PODRTNDEV0012792684",
    "reference_no": "TEST-16122022-201",
    "create_date": "2022-12-21 10:05:00",
    "counter_name": "DEVELOPMENT",
    "user_inp": "ARIEF_RAHMANT",
    "description": "[KURIR: ] [PENERIMA: DEVELOPMENT] [HUB: STAFF], [S
TATUS: DELIVERED - DL - DITERIMA OLEH] KETERANGAN: SHIPMENT RETURN",
    "origin": "Gambir",
    "destination": "Gambir",
    "receiver_name": "TEST",
    "koli": "1",
    "kilo": "1",
    "packing_cost": "0",
    "surcharge_cost": "0",
    "insurance_cost": "0",
    "rowstate": "15",
    "pod_receiver_name": "",
    "pod_relation_name": "",
    "latitude": null,
    "longitude": null,
    "pod_type": null,
    "current_branch_name": "DEVELOPMENT",
    "awb_no": "TEST-16122022-201"
```

```
}  
]
```

Response *Fail* :

```
{  
  "status": false,  
  "error": "Invalid API key "  
}
```

8. LIST CHECK POINT

The following is a list of check points that we have in every process of shipping goods

No.	STATUS	PENJELASAN
1	ENTRI (SEDANG DI PICKUP)	KURIR SEDANG MENJEMPUT PAKET
2	ENTRI (PENDING PICKUP)	PICKUP DIJADWALKAN KEMBALI
3	ENTRI (SEDANG PICKUP ULANG)	KURIR SEDANG MENJEMPUT PAKET
4	VOID PICKUP	KIRIMAN SUDAH DIBATALKAN
5	PICKED UP	BERHASIL DIJEMPUT KURIR
6	ENTRI VERIFIED	VERIFIKASI PAKET
7	MANIFEST OUTGOING	MENUJU CABANG TUJUAN
8	OUTGOING SMU	DALAM PENERBANGAN
9	INCOMING	TIBA DI CABANG TUJUAN
10	DELIVERY	PAKET DIANTAR KURIR
11	POD - DELIVERED	PAKET TELAH DITERIMA
12	POD - UNDELIVERED	PAKET BELUM BERHASIL TERKIRIM
13	OUTGOING RETURN	KEMBALI KE CABANG ASAL
14	INCOMING RETURN	TIBA DI CABANG ASAL
15	DELIVERY RETURN	DIKEMBALIKAN KE CABANG
16	SHIPMENT RETURN TO CLIENT	DIKEMBALIKAN KE CUSTOMER