

SMM WEB SERVICE

SmmWs3 API

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Date Revised: 12th December 2024

Document purpose

This document briefly describes how to interact with SMM SmmWs3 API. Also are described the operations (i.e. methods) that are exposed and response messages.

API description

The API offers these operations:

- Generate Token
- Create Shipment and generate label
- Get Label
- Delete Label
- Manifest
- Upload Document
- Tracking

All these operation except "Generate Token" needs a valid token (available with the "Generate Token" operation) to be able to gain access.

Every data passed and receive with the web-service is based on headers values and JSON strings and everything need to be passed with POST method.

Generate Token

This function allow with valid credentials (http basic authorization) to gain a valid token usable with the other operations.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- Authorization: Basic (USERNAME:PASSWORD base 64 encoded)
- forcenew: true (default true)

If forcenew is set to true the token will be regenerated otherwise the service return the active one if exists.

The URL is:

<https://ws3.sanmarinomail.it/SmmWs3/token>

curl example :

```
curl -H "Accept: application/json" -H "Authorization: Basic YWxhZGRpbjpvGVuc2VzYW1l" -H "forcenew: false" -X POST https://ws3.sanmarinomail.it/SmmWs3/token
```

response examples:

error:

```
{
  "errorDescription": "Username or Password Not Valid",
  "errorCode": 3001,
```

```

    "status": -1
}

success:
{
    "token": "{token}d87bb9c6-25fa-4035-ae90-c515554f3cf2",
    "status": 0
}

```

A succesful responce must return a status field = 0;

The obtained token is valid for 24 hours.

Each account may have only 1 token valid at the same time, each time a new one gets generated the old one becomes invalid.

To avoid any problem with multiples entities using the same service, you can set the "forcenew" field to false in the request to avoid the generation of a new token each time.

Create Shipment

This operation allow to book a shipment and get the related label.

PLEASE NOTE TO UPLOAD ANY NEEDED FILE BEFORE CALLING THE GENERATE LABEL REQUEST (see specific upload method informations).

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

If any of the listed mandatory headers is missing an error will be sended and no error label will be generated.

The shipment references for the label to retriive must be passed as JSON string:

Here's a list of all available fields related to the shipment (to be passed in the json object "shipment"):

	NAME	DESCRIPTION	TYPE	MAX LENGTH	MANDATORY
1	SMM_CUST_CODE	Company Id	T	20	Y
2	SMM_PRODUCT_CODE	Product code	T	50	N
3	PRE_ALLERT_DATE	Pre allert Date	T (yyyy-MM-dd)	10	N
4	CLIENT_SHIP_REF	Client Shipment Reference	T	35	Y
5	USN_PARCEL_NUMBER	USN parcel number	T	50	N
6	MASTER_USN_PARCEL_NR	Master USN	T	30	N
7	DELIVERY_NAME	Delivery Name	T	35	Y
8	DELIVERY_STR_TYPE	Delivery Street type	T	30	N
9	DELIVERY_ADDR	Delivery address 1	T	35	Y

10	DELIVERY_ADDR_NO	Delivery address No	T	5	N
11	DELIVERY_ZIP_CODE	Delivery Zip code	T	12	Y
12	DELIVERY_CITY	Delivery City	T	50	Y
13	DELIVERY_DISTRICT	Delivery district (Mandatory for Italy)	T	50	Y/N
14	DEL_ISO_COUNTRY_CODE	Delivery iso country	T	3	Y
15	NR_OF_PCS	Number of items	N	10	Y
16	WEIGHT	Weight in KG	N	10	Y
17	PACKAGING_TYPE	Packaging type	T	40	N
18	LDV_PRINTING	Ldv printing (1, 0) (default 0)	N	1	N
19	ADDRESS_CLEANING	Address cleaning (1,0)	N	1	N
20	CUST_SERVICE_ACTIVITY	Customer service (1,0)	N	1	N
21	WAREHOUSE_TRANSIT	Warehouse Transit (1,0)	N	1	N
22	PARCEL	Parcel Number	N	10	Y
23	SMS_PREADVISE_REQUEST	SMS preadvise	N	1	N
24	EMAIL_PREADVISE_REQUEST	Email preadvise	N	1	N
25	CLIENT_SHIP_REF_2	Client Shipment reference 2	T	35	N
26	DELIVERY_NAME_2	Delivery name 2	T	35	N
27	DELIVERY_ADDR_2	Delivery address 2	T	35	N
28	DELIVERY_ADDR_3	Delivery address 3	T	35	N
29	DELIVERY_ADDR_4	Delivery address 4	T	35	N
30	DELIVERY_PHONE_NR	Delivery phone number	T	50	N
31	DELIVERY_FAX_NR	Delivery fax number	T	50	N
32	DELIVERY_MOBILE_PH	Delivery mobile phone	T	50	N
33	DELIVERY_EMAIL	Delivery email	T	50	N
34	DELIVERY_INSTRUCTION	Delivery Instruction	T	150	N
35	DELIVERY_ADDRESS_ID	Delivery address Id	T	12	N
36	DELIVERY_FISCAL_CODE	Delivery fiscal code	T	50	N
37	DELIVERY_SATURDAY	Delivery saturday (1,0)	N	1	N
38	DIMEN_PCS_LENGTH	Length	N	10	N
39	DIMEN_PCS_WIDTH	Width	N	10	N
40	DIMEN_PCS_HEIGHT	Height	N	10	N
41	TOT_VOLUME	Total volume	N	10	N
42	DECLARED_GOODS_VALUE	Declared goods value	N	10	N
43	CUST_VALUE_CURRENCY	Value currency	T	10	N
44	SENDER_VAT_NUMBER	VAT number	T	50	N
45	SENDER_DOCUMENT_NR	Document Nr	T	50	N
46	INVOICE_NR_FOLLOWING	Invoice Nr	T	50	N
47	COD_AMOUNT	COD amount (otherwise 0)	N	10	N
48	COD_PAYM_METHOD	COD Payment method (CON)	T	50	N
49	COD_CURRENCY	COD currency	T	10	N
50	INSURANCE_VALUE	Insurance value	N	10	N
51	INSURANCE_CURRENCY	Insurance currency	T	10	N
52	PICKUP_NAME	Pickup name	T	50	N
53	PICKUP_NAME2	Pickup name 2	T	50	N
54	PICKUP_ADDR	Pickup address 1	T	100	N
55	PICKUP_ADDR_NO	Pickup address No	T	5	N
56	PICKUP_ADDR_2	Pickup address 2	T	100	N
57	PICKUP_ADDR_3	Pickup address 3	T	100	N
58	PICKUP_ADDR_4	Pickup address 4	T	100	N
59	PICKUP_ZIP_CODE	Pickup zipcode	T	10	N
60	PICKUP_CITY	Pickup city	T	50	N
61	PICKUP_PHONE_NR	Pickup phone nr	T	50	N
62	PICKUP_FAX_NR	Pickup fax nr	T	50	N
63	PICKUP_MOBILE_PH	Pickup mobile nr	T	50	N
64	PICKUP_EMAIL	Pickup email	T	50	N

65	PICKUP_ISO_COUNTRY_CODE	Pickup ISO country	T	3	Y
66	PICKUP_ADDR_ID	Pickup address Id	T	12	N
67	DELIVERY_AT_FLOOR	Delivery at floor (1,0)	N	1	N
68	DELIVERY_APPOINTMENT	Delivery appointment (1,0)	N	1	N
69	DELIVERY_EVENING	Delivery evening (1,0)	N	1	N
70	PICKUP_USED_RAEE	Used RAEE (1,0)	N	10	N
71	PICKUP_DATE	Pickup date	T (yyyy-MM-dd)	10	N
72	OPENING_HOUR_MORNING	Opening hour morning	N	1	N
73	CLOSING_HOUR_MORNING	Closing hour morning	N	1	N
74	OPENING_HOUR_AFTERNOON	Opening afternoon	N	1	N
75	CLOSING_HOUR_AFTERNOON	Closing afternoon	N	1	N
76	PICKUP_WINDOW	Pickup window	T	2	N
77	PICKUP_DISTRICT	Pickup district	T	2	N
78	CONTENT	Content type	T	50	N
79	GOODS_VALUE	Commercial value	N	10	N
80	GOODS_CURRENCY	Commercial currency	T	3	N
81	CUSTOM_CODE	Customs code	T	12	N
82	OUTPUT_TYPE	OutputType (0=ZPL,1=PDF)	N	1	Y
83	DELIVERY_GDO	GDO delivery	N	1	N
84	DELIVERY_NDS	Neutral delivery service	N	1	N
85	MULTI_PARCEL	set to 1 for multiparcel shipment (default 0)	N	1	N
86	NR_OF_PARCELS	Number of parcels	N	10	N
87	RETURN_LABEL	return label needed	N	1	N
88	RETURN_PRODUCT_CODE	Return label Product code	T	50	N
89	DOCUMENTS_NEEDED	set to 1 if previously uploaded documents must be sent to the carrier (default 0)	N	1	N
90	DELIVERY_POINTRELAYID	Dropoff id point	T	50	N for Home Delivery, Y for dropoff delivery

Here's a list of all available fields related to the parcel (to be passed in the json onbject "packages"):

	NAME	DESCRIPTION	TYPE	MAX LENGTH	MANDATORY
1	CLIENT_SHIP_REF	Client Shipment Reference	T	35	N
2	WEIGHT	Weight in KG	N	10	Y
3	DIMEN_PCS_LENGTH	Length	N	10	Y
4	DIMEN_PCS_WIDTH	Width	N	10	Y
5	DIMEN_PCS_HEIGHT	Height	N	10	Y
6	CONTENT	Content type	T	50	N
7	COD_AMOUNT	COD amount (otherwise 0)	N	10	N
8	COD_PAYM_METHOD	COD Payment method (CON)	T	50	N
9	COD_CURRENCY	COD currency	T	10	N
10	INSURANCE_VALUE	Insurance value	N	10	N
11	INSURANCE_CURRENCY	Insurance currency	T	10	N
12	GOODS_VALUE	Commercial value	N	10	N
13	GOODS_CURRENCY	Commercial currency	T	3	N
14	HAZMAT	Hazardous goods	N	1	N
15	HAZMAT_CLASS	Hazardous goods class UN (es. LQ)	T	20	N
16	HAZMAT_SHIPPING_NAME	The Proper Shipping Name assigned by ADR, CFR or IATA.	T	50	N
17	HAZMAT_REGULATION_SET	Hazardous goods The Regulatory set (ex	T	5	N

		ADR)			
18	INCOTERMS	Incoterms	T	20	N
19	HS_CODE	HS Code	T	20	N
20	INVOICE_NR_DATE	Invoice date	T (yyyy-MM-dd)	10	N
21	NR_PIECES_HAZ	Item Quantity of Hazardous goods	N	10	N
22	INVOICE_NR	Invoice Number	T	30	N
23	HAZMAT_UOM	The unit of measure used for the mass capacity of the regulated good. For Example: ml, L, g, mg, kg, cylinder, pound, pint, quart, gallon, ounce	T	15	N
24	HAZMAT_ClassDivisionNumber	This is the hazard class associated to the specified commodity.	N	1	N
25	HAZMAT_ChemicalRecordIdentifier	Should be set to 1	N	1	N
26	HAZMAT_PackagingType	The type of package used to contain the regulated good. (Ex: Fiberboard Box). Required if CommodityRegulatedLevelCode = LQ or FR. Ex. FIBERBOARD BOX, WOOD(EN) BOX, PLASTIC JERRICAN, METAL BOX, STEEL DRUM, OTHER, PLASTIC BOX, PLASTIC DRUM, STYROFOAM BOX, CYLINDERS, ENVIROTAINER, PLYWOOD BOX, ALUMINUM DRUM, ALUMINUM CYLINDERS, PLASTIC PAIL, PLYWOOD DRUM, FIBER DRUM, STEEL JERRICAN, ALUMINUM JERRICAN, STEEL BOX, CARTON, ALUMINUM BOX	T	255	N
27	HAZMAT_IDNumber	This is the ID number (UN/NA/ID) for the specified commodity. Required if CommodityRegulatedLevelCode = LR, LQ or FR and if the field applies to the material by regulation. UN/NA/ID Identification Number assigned to the specified regulated good. (Include the UN/NA/ID as part of the entry).	T	6	N
28	HAZMAT_TransportationMode	Not applicable for ADR regulation set. Required for any other regulation set. Declares that a package was prepared according to ground passenger aircraft or cargo aircraft only. Valid values: Highway=Highway Ground=Ground PAX=Passenger Aircraft Passenger Aircraft=Passenger Aircraft CAO=Cargo Aircraft Only Cargo Aircraft Only=Cargo Aircraft Only Valid entries include: Highway, Ground, PAX, Passenger Aircraft, CAO and Cargo Aircraft Only.	T	30	N

The field SMM_PRODUCT_CODE (not mandatory) if set will be used to identify the SMM product to be used, if the field is not set then SMM algorithm will need to be set up to.

In case of extracee shipment or dangerous good content all the fields in the package object are mandatory.

In case of a multiparcel shipment that need parcel informations (es. UPS, DHL etc) the field MULTI_PARCEL must be set to 1 and another JsonArray must be filled up with all the parcels informations (see example below).

options available (not mandatory) are:

- force_reprint_if_exists (default value: true): if a label (with same reference) already exists and the field is set to false the system will answer with "Reference already used" error otherwise if set to true the system will send the previously generated label;
- delete_if_exists (default value: false): if the label already exists and the field is set to true the existing label will be deleted before generating a new one;
- base64 (default value: false): if set to true the output of zpl label will be encoded in base64 otherwise will be sent in clear text;

The optional json object "mirror" will be added to the response as received

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/createshipment>

JSON request example:

```
{
  "shipment":{
    "CLIENT_SHIP_REF":"TEST_NEW_WS_001",
    "SMM_CUST_CODE":"ITIT0000999",
    "DELIVERY_NAME":"Mario Rossi",
    "DELIVERY_ADDR":"via Farini 81",
    "DELIVERY_CITY":"Milano",
    "DELIVERY_ZIP_CODE":"20159",
    "WEIGHT":12,
    "DEL_ISO_COUNTRY_CODE":"IT",
    "PRE_ALERT_DATE":"2020-07-20",
    "DELIVERY_DISTRICT":"MI"
  },
  "options":{
    "force_reprint":false,
    "confirmed":false,
    "delete_if_exists":false,
    "base64":true
  },
  "mirror":{
    "cod_attivita_infolog":"temp",
    "cod_stazione":"temp2"
  }
}
```

curl example :


```
curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{
  "shipment": {
    "CLIENT_SHIP_REF": "TEST_NEW_WS_002",
    "SMM_CUST_CODE": "ITIT0000999",
    "DELIVERY_NAME": "Mario Rossi",
    "DELIVERY_ADDR": "via farini 81",
    "DELIVERY_CITY": "Milano",
    "DELIVERY_ZIP_CODE": "20159",
    "WEIGHT": 12,
    "DEL_ISO_COUNTRY_CODE": "IT",
    "PRE_ALERT_DATE": "2020-07-13",
    "DELIVERY_DISTRICT": "MI",
    "options": {
      "force_reprint_if_exists": false,
      "confirmed": false,
      "delete_if_exists": false,
      "base64": true
    },
    "mirror": {
      "field1": "temp"
    }
  }
}' -X POST https://ws3.sanmarinomail.it/SmmWs3/createshipment
```

response examples:

error:

```
{
  "errorDescription": "Token Not Valid",
  "errorCode": 3002,
  "status": -1
}
```

error:

```
{
  "mirror": {
    "cod_attivita_infolog": "temp",
    "cod_stazione": "temp2"
  },
  "CLIENT_SHIP_REF": "TEST_NEW_WS_003",
  "notes": "",
  "errorDescription": "Error Reference number already used",
  "errorCode": 1063,
  "label":
    "^XA~TA000~JSN^LT0^MNW^MTD^PON^PMN^LH0,0^JMA^PR4,4~SD15^JUS^LRN^CIO
    ^XZ ^XA ^MMT ^PW799 ^LL1199 ^LS0 ^FT753,776^A0I,49,36^FH\\^FDSAN MARINO
    MAIL ITALIA SRL^FS ^FO269,741^GB519,0,8^FS ^FT728,694^A0I,28,28^FH\\
    ^FDATTENTION ^FS ^FT725,645^A0I,28,28^FH\\^FDIF YOU RECEIVE THIS LABEL^FS
    ^FT725,597^A0I,28,28^FH\\^FDPLEASE CALL +39900266227799^FS
    ^FT634,553^A0I,28,28^FH\\^FDOPS DEPT^FS ^FT733,498^A0I,28,28^FH\\^FDE-MAIL
    OPS@SANMARINOMAIL.IT^FS ^FWB ^BY3,3,160 ^FO55,50^BC^FD#ICR#^FS ^PQ1,0,1,Y
    ^FWN ^XZ",
  "status": -1
}
```

error:

```
{
  "errorDescription": "Error parsing json input - org.json.JSONException: Expected a
  ':' after a key at 103 [character 104 line 1]",
  "errorCode": 999,
  "status": -1
}
```

success:

```
{
```

```

"MASTER_USN_PARCEL_NR": "465162803",
"mirror": {
    "cod_attivita_infolog": "temp",
    "cod_stazione": "temp2"
},
"CLIENT_SHIP_REF": "TEST_NEW_WS_004",
"notes": "",
"Haulier": "GLS",
"USN_PARCEL_NUMBER": "600256057",
"label": "^XA ^LH0,0 ^FO4,2 ^GB804,798,4 ^FS ^FO4,2 ^GB548,52,4 ^FS ^FO19,12
^ADN,36,20 ^FDTEST WEBSERVICE ^FS ^FO548,2 ^GB260,52,4 ^FS ^FO561,16
^ADN,36,10 ^FDP/V ^FS ^FO611,16 ^ADN,36,10 ^FD1:3 ^FS ^FO693,16 ^ADN,36,10
^FD22/07/20 ^FS ^FO21,48 ^ADN,170,60 ^FDBOLLATE ^FS ^FO593,48 ^ADN,170,60
^FD99 ^FS ^FO15,185 ^AQN,10,10 ^FDPer info sul trattamento dati personali www.gls-
italy.com/privacydest ^FS ^FO4,210 ^GB128,166,4 ^FS ^FO128,210 ^GB680,166,4 ^FS
^FO136,220 ^ADN,36,15 ^FDMario Rossi ^FS ^FO136,276 ^ADN,36,10 ^FDvia farini 81
^FS ^FO15,243 ^ADN,108,50 ^FDLD ^FS ^FO136,338 ^ADN,36,14 ^FDMilano ^FS
^FO580,338 ^ADN,36,15 ^FDMI ^FS ^FO632,210 ^GB176,166,4 ^FS ^FO640,220
^ADN,18,5 ^FDSEDI CONTIGUE ^FS ^FO695,246 ^ADN,18,5 ^FDSCN ^FS ^FO632, 273
^GB176,103,4 ^FS ^FO640,280 ^ADN,18,5 ^FDPeso Kg ^FS ^FO680,318 ^ADN,36,20
^FD12.0 ^FS ^FO632, 372 ^GB176,48,4 ^FS ^FO640,378 ^ADN,18,5 ^FDPorto: ^FS
^FO658,398 ^ADN,18,10 ^FDFRANCO ^FS ^FO4,372 ^GB804,48,4 ^FS ^FO25,383
^ADN,36,10 ^FDNote: ^FS ^FO88,383 ^ADN,36,10 ^FD ^FS ^FO640,650
^XGE:GLSMINI.GRF,1,1 ^FS ^FO606,718 ^GB202,82,4 ^FS ^FO4,718 ^GB606,82,4 ^FS
^FO50,422 ^BY3 ^BCN,260,N,N,N,A ^FVL2600256057010M451^FS ^FO100,687
^AAN,26,16 ^FDL2 60025605701 0 M451 01 ^FS ^XZ",
"status": 0
}

```

A succesful responce must return a status field = 0;

Multiparcel JSON request example:

```

{
    "shipment": {
        "CLIENT_SHIP_REF": "TEST_NEW_WS_001",
        "SMM_CUST_CODE": "ITIT0000999",
        "DELIVERY_NAME": "Mario Rossi",
        "DELIVERY_ADDR": "via Farini 81",
        "DELIVERY_CITY": "Milano",
        "DELIVERY_ZIP_CODE": "20159",
        "WEIGHT": 3,
        "DEL_ISO_COUNTRY_CODE": "IT",
        "PRE_ALERT_DATE": "2020-07-20",
        "DELIVERY_DISTRICT": "MI",
        "MULTI_PARCEL": 1,
        "packages": [
            {
                "WEIGHT": 1,
                "DIMEN_PCS_HEIGHT": 10,

```

```

        "DIMEN_PCS_LENGTH": 11,
        "DIMEN_PCS_WIDTH": 12
    },
    {
        "WEIGHT": 2,
        "DIMEN_PCS_HEIGHT": 20,
        "DIMEN_PCS_LENGTH": 21,
        "DIMEN_PCS_WIDTH": 22
    }
]
},
"options": {
    "force_reprint": false,
    "confirmed": false,
    "delete_if_exists": false,
    "base64": true
}
}

```

successfull response:

```

{
    "MASTER_USN_PARCEL_NR": "1ZXXXXXXXXXXXXXXXXX",
    "CLIENT_SHIP_REF": "TESTMC3_05120006",
    "notes": "",
    "SMM_CUST_CODE": "ITIT0000999",
    "SMM_PRODUCT_CODE": "INT_UPS_EXPRESS",
    "packages": [
        {
            "MASTER_USN_PARCEL_NR": "TESTMC3_05120006",
            "CLIENT_SHIP_REF": "TESTMC3_05120006",
            "USN_PARCEL_NUMBER": "1ZXXXXXXXXXXXXXXXXX",
            "label":
"Cl5YQQ0KXkxSTg0KXk1OWQ0KXk1GTixODQpeTEgxMCwxMg0KXk1DWQ0KXlBPSQ0K
XlBXODEyDQpeQ0kyNw0KXkZPMTUsN15BME4sMjAsMjReRlZDTElFTlRFIFRFU1ReRlMN..
.....peWFOncg=="
        },
        {
            "MASTER_USN_PARCEL_NR": "TESTMC3_05120006",
            "CLIENT_SHIP_REF": "TESTMC3_05120006",
            "USN_PARCEL_NUMBER": "1ZXXXXXXXXXXXXXXXXX",
            "label":
"Cl5YQQ0KXkxSTg0KXk1OWQ0KXk1GTixODQpeTEgxMCwxMg0KXk1DWQ0KXlBPSQ0K
XlBXODEyDQpeQ0kyNw0KXkZPMTUsN15BME4sMjAsMjReRlZDTElFTlRFIFRFU1ReRlMN
Cl5GTzE1LDI3XkEwTiwYMCwyNF5GVjAyNjYyMjc3OTleRlMNCI5GTzE1LDQ3XkEwTiwYMC
wyNF5GVkNMSUVOVEUgVEVTVF5GUw0KXkZPMTUsNjdeQTBOLDIwLDI0XkZWVklBIENB
.....KXkRODQpeWFOncg=="
        }
    ],
    "Haulier": "PAITITINT0999",
}

```

```
    "status": 0
}
```

Dropoff JSON request example:

```
{
  "shipment": {
    "DELIVERY_POINTRELAYID": "IT-PDB-RTZ-Z6076",
    "CLIENT_SHIP_REF": "TestDrop0007N",
    "DELIVERY_EMAIL": "ict.smm@sanmarinomail.it",
    "DELIVERY_MOBILE_PH": "9994602892",
    "DELIVERY_NAME": "ICT",
    "DELIVERY_NAME_2": "",
    "DELIVERY_PHONE_NR": "",
    "DEL_ISO_COUNTRY_CODE": "IT",
    "LDV_PRINTING": 1,
    "NR_OF_PCS": 1,
    "OUTPUT_TYPE": 0,
    "PRE_ALERT_DATE": "2024-10-24",
    "SMM_CUST_CODE": "ITIT0000999",
    "MULTI_PARCEL": 0,
    "packages": [
      {
        "WEIGHT": 3.98,
        "DIMEN_PCS_HEIGHT": 34.0,
        "DIMEN_PCS_LENGTH": 39.0,
        "DIMEN_PCS_WIDTH": 28.0,
        "TOT_VOLUME": 0.0,
        "CLIENT_SHIP_REF": "TestDrop0007N"
      }
    ]
  },
  "options": {
    "force_reprint_if_exists": false,
    "confirmed": false,
    "delete_if_exists": false,
    "base64": true
  },
  "mirror": {
    "field1": "temp"
  }
}
```

successfull response:

```
{
  "MASTER_USN_PARCEL_NR": "TestDrop0007N",
  "mirror": {
    "field1": "temp"
  }
}
```

```

    },
    "CLIENT_SHIP_REF": "TestDrop0007N",
    "notes": "",
    "SMM_CUST_CODE": "ITIT0000999",
    "USN_PARCEL_NUMBER": "3UX000X000001",
    "label":
    "XlhBCgpeRk8zMCw4MjVeR0ZBLDM5MzYsMzgzNiwxNiwsOjo6Ojo6Ojo....",
    "SMM_PRODUCT_CODE": "IT_PDBXXX_DROPOFF",
    "Haulier": "PAITITPDB0050",
    "status": 0
  }
}

Unsuccesful response
{
  "mirror": {
    "field1": "temp"
  },
  "CLIENT_SHIP_REF": "TestDrop0008N",
  "notes": "",
  "errorDescription": "Error generating label Cannot get dropoff finformation",
  "SMM_CUST_CODE": "ITIT0000999",
  "errorCode": 999,
  "label": "XlhBDQoNCL5GW.....",
  "SMM_PRODUCT_CODE": "IT_PDBEXPXL_DROPOFF",
  "Haulier": "PAITITPDB0050",
  "status": -1
}

```

Get Label

This operation allow to retrieve a label for a referenced shipment; to be able to gain access is mandatory to have a valid token.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the shipment reference for the label to retrive must be passed as JSON string:

the mandatory fields are:

- SMM_CUST_CODE: San Marino Mail client id (string)
- CLIENT_SHIP_REF: shipment reference (string)

the optional fields are:

- base64: ask for a label string encoded in base64 or not; (boolean default is true)

JSON request example:

```
{
  "CLIENT_SHIP_REF": "testreference",
  "SMM_CUST_CODE": "TEST_ID",
  "base64": false,
  "mirror":{
    "cod_attivita_infolog":"temp",
    "cod_stazione":"temp2"
  }
}
```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/retrievelabel>

curl example :

```
curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{"CLIENT_SHIP_REF":"testreference","SMM_CUST_CODE":"TEST_ID","base64":false}.....' -X POST https://ws3.sanmarinomail.it/SmmWs3/retrievelabel
```

response examples:

error:

```
{
  "errorDescription": "No shipments found for reference testreference",
  "errorCode": 1031,
  "status": -1,
  "mirror":{
    "cod_attivita_infolog":"temp",
    "cod_stazione":"temp2"
  }
}
```

success:

```
{
  "CLIENT_SHIP_REF": "testreference",
  "SMM_CUST_CODE": "TEST_ID",
  "label": "^XA^PON^PQ1^MUd^PW79.....Special Instruction:^FS^XZ",
  "status": 0,
  "usn": "xxxyyyzzzz",
  "mirror":{
    "cod_attivita_infolog":"temp",
    "cod_stazione":"temp2"
  }
}
```

A succesful responce must return a status field = 0;

Delete Label

This operation allow to delete a generated label; to be able to gain access is mandatory to have a valid token.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the shipment reference for the label to retrive must be passed as JSON string:

the mandatory fields are:

- SMM_CUST_CODE: San Marino Mail client id (string)
- CLIENT_SHIP_REF: shipment reference (string)

JSON request example:

```
{
  "CLIENT_SHIP_REF": "testreference",
  "SMM_CUST_CODE": "TEST_ID"
}
```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/deletelabel>

curl example :

```
curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{"CLIENT_SHIP_REF":"testreference","SMM_CUST_CODE":"TEST_ID"}.....' -X POST https://ws3.sanmarinomail.it/SmmWs3/deletelabel
```

response examples:

error:

```
{
  "CLIENT_SHIP_REF": "TEST_NEW_WS_003",
  "errorDescription": "no label to delete with reference TEST_NEW_WS_003",
  "errorCode": 3003,
  "status": -1
}
```

success:

```
{
```

```

    "CLIENT_SHIP_REF": "TEST_NEW_WS_004",
    "notes": "Label deleted succesfully",
    "SMM_CUST_CODE": "ITIT0000999",
    "status": 0
}

```

A succesful responce must return a status field = 0;

Manifest

This operation allow to confirm a list of shipments and retrieve a PDF (in base64 format) report.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the request must be passed as JSON string:

the mandatory fields are:

- SMM_CUST_CODE: San Marino Mail client id (string)
- CLIENT_SHIP_REF_LIST: shipment reference list json array

JSON request example:

```

{
  "manifest": {
    "SMM_CUST_CODE": "ITIT0000999",
    "CLIENT_SHIP_REF_LIST": [
      "TEST_NEW_WS_003",
      "TEST_NEW_WS_004"
    ]
  }
}

```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/manifest>

curl example :

```

curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{ "manifest": { "SMM_CUST_CODE": "ITIT0000999", "CLIENT_SHIP_REF_LIST": ["TEST_NEW_WS_003","TEST_NEW_WS_004"]}}' -X POST https://ws3.sanmarinomail.it/SmmWs3/manifest

```

response examples:


```

error:
{
  "errorDescription": "Error No shipments to be manifested",
  "errorCode": 1065,
  "status": -1
}

success:
{
  "SMM_CUST_CODE": "ITIT0000999",
  "manifestPdf":
"JVBERi0xLjQKJfbk/N8KMSAwIG9iago8PAovVHlwZSAvQ2F0YWxvZ.....",
  "status": 0
}

```

A successful response must return a status field = 0;

Document upload

This operation allow to upload a file (in base64 format) related to a shipment. When using the "Create Shipment" method populating with a 1 the "DOCUMENTS_NEEDED" field every document related to the shipment (related with the CLIENT_SHIP_REF field) will be uploaded to the carrier.

PLEASE NOTE TO UPLOAD THE FILES BEFORE CALLING THE GENERATE LABEL REQUEST.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the request must be passed as JSON string:

the mandatory fields are:

- action: "upload"
- SMM_CUST_CODE: San Marino Mail client id (string)
- CLIENT_SHIP_REF: shipment reference
- category: document category (see list below)
- documentdata64: base64 encoding string of file
- filename: filename
- filetype: filetype (ex. pdf, tiff, png....)

Document category list:

	SMM_code	DESCRIPTION
1	PDC001	Commercial invoice
2	PDC002	CIN Commercial invoice
3	PDC003	Pro forma invoice
4	PDC004	Certificate of origin
5	PDC005	NAFTA certificate
6	PDC006	Custom Declaration
7	PDC007	HWB
8	PDC008	OTHER
9	PDC009	ETD
10	PDC010	AUTH FORM
11	PDC011	Export Accompanying doc
12	PDC012	Export License
13	PDC013	Import Permit
14	PDC014	Power of Attorney
15	PDC015	Packing list
16	PDC016	Sed document
17	PDC017	shipper letter of instruction

Non mandatory Fields:

- SMMProductCode

JSON request example:

```
{
  "document": {
    "action": "upload",
    "SMM_CUST_CODE": "ITIT0000999",
    "CLIENT_SHIP_REF": "TEST_PPP2",
    "category": "0B",
    "filename": "test.pdf",
    "filetype": "pdf",
    "documentdata64":
"JVBERi0xLjYnJelJz9MNCjM3IDAgb2JqIDw8L0xpbmVhcml6ZWQgMS9MIDIwNTk3L08gNDVRSAXNDExNS9OIDEvVCAxOTc5NS9II...."
  }
}
```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/documents>

curl example :

```
curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{
  "document": {
    "SMM_CUST_CODE": "ITIT0000999",
    "CLIENT_SHIP_REF": "TEST_PPP2",
    "category": "0B",
    "filename": "test.pdf",
    "filetype": "pdf",
    "documentdata64":
"JVBERi0xLjYnJelJz9MNCjM3IDAgb2JqIDw8L0xpbmVhcml6ZWQgMS9MIDIwNTk3L08gNDVRSAXNDExNS9OIDEvVCAxOTc5NS9II...."
  }
}
```

DAvRSaXNDExNS9OIDEvVCAxOTc5NS9II...." } }' -X POST
https://ws3.sanmarinomail.it/SmmWs3/documentupload

response examples:

error:

```
{
  "errorDescription": "missing mandatory fields",
  "errorCode": 3030,
  "status": -1
}
```

success:

```
{
  "CLIENT_SHIP_REF": "TEST_doc",
  "SMM_CUST_CODE": "ITIT0000999",
  "DOCUMENT_ID": "ITIT0000999_00000000003",
  "category": "0B",
  "status": 0
}
```

A succesful rponse must return a status field = 0;

Document delete

This operation allow to delete a previously uploaded file.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the request must be passed as JSON string:

the mandatory fields are:

- action: "delete"
- SMM_CUST_CODE: San Marino Mail client id (string)
- CLIENT_SHIP_REF: shipment reference
- DOCUMENT_ID: identificativo documento ricevuto in risposta alla chiamata di upload

JSON request example:

```
{
  "document": {
    "action": "delete",
    "SMM_CUST_CODE": "ITIT0000999",
  }
}
```

```

        "CLIENT_SHIP_REF": "TEST_PPP2",
        "DOCUMENT_ID": "ITIT0000999_00000000003"
    }
}

```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/documents>

curl example :

```

curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{
    "document": {
        "SMM_CUST_CODE": "ITIT0000999",
        "CLIENT_SHIP_REF": "TEST_PPP2",
        "category": "0B",
        "filename": "test.pdf",
        "filetype": "pdf",
        "documentdata64": "JVBERi0xLjYNJeLj9MNCjM3IDAgb2JqIDw8L0xpbmVhcml6ZWQgMS9MIDIwNTk3L08gNDAvRSAxNDExNS9OIDEvVCAxOTc5NS9II...."
    }
}' -X POST
https://ws3.sanmarinomail.it/SmmWs3/documentupload

```

response examples:

error:

```

{
    "errorDescription": "missing mandatory fields",
    "errorCode": 3030,
    "status": -1
}

```

success:

```

{
    "CLIENT_SHIP_REF": "TEST_doc",
    "SMM_CUST_CODE": "ITIT0000999",
    "DOCUMENT_ID": "ITIT0000999_00000000003",
    "category": "0B",
    "status": 0
}

```

A succesful response must return a status field = 0;

Tracking

This operation allow to retrieve all the events for a referenced shipment; to be able to gain access is mandatory to have a valid token.

To be able to use the web service is mandatory to add some headers in the call; in the generate Token the headers are:

- Accept: application/json
- username: testusername
- token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce

the shipment reference for the label to retrieve must be passed as JSON string:

the mandatory fields are:

- CLIENT_SHIP_REF: shipment reference (string) or usn: shipment number
- SMM_CUST_CODE: San Marino Mail client id (string)

JSON request example:

```
{
  "clientshipref": "testreference",
  "SMM_CUST_CODE": "TEST_ID"
}
```

The URL is: <https://ws3.sanmarinomail.it/SmmWs3/tracking>

curl example :

```
curl -H "Accept: application/json" -H "token: {token}TEST-TOKEN-a0a2-47b0-b1ab-923d2ec4b8ce" -H "username: testusername" -d '{"clientshipref":"testreference","SMM_CUST_CODE": "TEST_ID"}' -X POST https://ws3.sanmarinomail.it/SmmWs3/tracking
```

response examples:

error:

```
{
  "errorDescription": "Shipment not found",
  "errorCode": 3003,
  "status": -1
}
```

success:

```
{
  {
    "usn": "XXXXXXXXXXXXXXXXXX",
    "country": "United Kingdom",
    "productCode": "GGGGGGGGGG",
    "invoiceecustref": "testreference",
    "countryiso": "GB",
    "clientshipref": "testreference",
    "status": 0,
    "events": [
      {
        "date": "06/12/19",
        "eventcode": "104",
        "eventdescription": "shipment has been delivered",
        "time": "12:14",
        "eventname": "delivered"
      }
    ]
  }
}
```

```

    },
    {
        "date": "06/12/19",
        "eventcode": "141",
        "eventdescription": "shipment has been given to driver for delivery",
        "time": "09:20",
        "eventname": "out for delivery"
    },
    {
        "date": "06/12/19",
        "eventcode": "124",
        "eventdescription": "shipment is in transit to final destination",
        "time": "04:21",
        "eventname": "in transit to final destination"
    },
    {
        "date": "02/12/19",
        "eventcode": "102",
        "eventdescription": "shipment has left for the local distribution
network",
        "time": "15:55",
        "eventname": "departure"
    },
    {
        "date": "02/12/19",
        "eventcode": "751",
        "eventdescription": "SHIPMENT ARRIVED P.M.: IN CHARGE IN SMM
MIL",
        "time": "08:28",
        "eventname": "SHIPMENT ARRIVED P.M.: IN CHARGE IN SMM MIL"
    },
    {
        "date": "28/11/19",
        "eventcode": "0",
        "eventdescription": "shipment has been pre alerted by sender",
        "time": "15:14",
        "eventname": "shipment booked"
    }
]
}
}

```

A succesful responce must return a status field = 0;