

SMM WEB SERVICE

SmmWs3 Tracking API

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CLIENT_SHIP_REF: shipment reference (string) or usn: shipment number
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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 endpoint

The API endpoint is: <https://api.sanmarinomail.it/SmmWs3/tracking>

API description

The API offers these operations:

- Tracking

All these operations needs a valid token 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.

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"
}
```

JSON request example:

```
{
  "usn": "testreusnnumber",
  "SMM_CUST_CODE": "TEST_ID"
}
```

The URL is: <https://api.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://api.sanmarinomail.it/SmmWs3/tracking
```

response examples:

error:

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

success:

```
{
  {
    "usn": "XXXXXXXXXXXXXXXXXX",
    "country": "United Kingdom",
    "productCode": "GGGGGGGGG",
    "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 response must return a status field = 0;