

**Important:** This document is intended for programmers only.

## 1. DMSAPI v2 - Tracking

The DMSAPI v2 is a read-only window into your DMSMatrix account. With the API you are able to view all of the data that is available in your account. The API does not support modifying any data at this time.

Its **Tracking** APIs allow you to check shipment related information which is on DMSMatrix.

To send requests and receive responses from DMSAPI v2, your application must be authenticated. To authenticate your application you have to set valid Client Id and Client Secret Key given at the time of contract.

## 2. Tracking : getInfo method

The **getInfo** method allows you to get shipment or tracking information on the fly.

### 2.1. REQUEST

The following request is required to get shipment information from *getInfo* method:

*TESTING URL:*

<https://demo.dmsmatrix.net/apis/Tracking/getInfo/>

*LIVE URL:*

<https://dmsmatrix.net/apis/Tracking/getInfo/>

*POST Parameters:*

Parameter	Type	Required	Allowed Values	Description
<b>ClientId</b>	String (50)	Yes		Provided as in account credentials. Example: 00000000-0000-0000-0000-000000000000
<b>ClientSecret</b>	String (50)	Yes		Provided as in account credentials. Example: 00000000-0000-0000-0000-000000000000
<b>VendorName</b>	String (10)	Yes	DMSMatrix	Application Service Provider. Example: DMSMatrix
<b>Key</b>	String (50)	Yes		It should be alphanumeric only & case sensitive. Example: 000000000000
<b>Identifier</b>	String (20)	Yes	trackingNumber identifier orderId lineId itemId (blank)	It is used to identify type of Key. It is Case sensitive. Example: trackingNumber

## 2.2. RESPONSE

The following is a JSON object response on request to *getInfo* method (NOTE - Results may vary depending on your input):

```
{
  "Status": {
    "Code": 200,
    "Message": "SUCCESS",
    "Description": "The request has succeeded."
  },
  "Response": {
    "Reference": "TRACKINGNUMBER",
    "TrackingInfo": [
      {
        "DateTime": "YYYY-MM-DD H:I:S",
        "Activity": "sample string",
        "Location": "sample string",
        "Details": "sample string",
        "HelpText": "sample string"
      },
      {
        "DateTime": "YYYY-MM-DD H:I:S",
        "Activity": "sample string",
        "Location": "sample string",
        "Details": "sample string",
        "HelpText": "sample string"
      }
    ],
    "OtherInfo": {
      "Order Id": "sample string",
      "Item Id": "sample string",
      "Line Item Id": "sample string"
    }
  }
}
```

### 2.2.1. Status

The table below describes all the possible values of the *Status* enumeration type:

Attribute	Description	
<b>Code</b>	The numeric representation of the status. Standard HTTP status codes are used.	
<b>Message</b>	An enumeration type that represents status of last method call.	
	<i>Value</i>	<i>Description</i>
	Success	The operation has been finished successfully.
	Error	The operation has not been finished successfully.
	Warning	The operation has been finished, but there a warning occurred.
<b>Description</b>	The full description for code.	

Different codes with its message & description are given below:

Code	Message	Description
200	Success	The request has succeeded.
401	Error	Unauthorized - Your credentials are invalid.
403	Error	Forbidden - You do not have access to the resource.
412	Error	The request could not be completed because of a validation error.
500	Error	The server encountered an unexpected condition which prevented it from fulfilling the request.
503	Error	The server is currently unable to handle the request due to a temporary overloading or maintenance of the server.
520	Warning	Invalid Key (Key can be Tracking Number or Identifier or Order Id or Item Id or line Item Id).
520	Warning	Order has been Cancelled.

### 2.2.2. Response

The table below describes all the possible values of the *Response* enumeration type:

Attribute	Description		
<b>Reference</b>	Searched Tracking Number.		
<b>TrackingInfo</b>	Tracking related history of Reference Tracking Number. TrackingInfo has following values:		
	<i>Value</i>	<i>Description</i>	<i>Required</i>
	Activity	Event	Yes
	DateTime	Date & Time of Activity. Time zone will be as provided by courier service	Yes
	Location	Location related information of Activity	No
	Details	Comment or description of Activity	No
	HelpText	Additional information related to Activity	No
<b>OtherInfo</b>	Other related information of Reference Tracking Number.		