

IFTA Data Multiple Devices API

Retrieves multiple IFTA devices' info with active subscriptions and the total miles per state between two dates for a device. Returns in XML format.

- **Uses:**

Get multiple IFTA devices' info by providing email addresses & serial numbers for parameter "DevicesArr". You can see how it's structured by looking under "Sample Call" or the sample from <http://smartruckroute.com/Android-FAQ2.htm> question #41.

- **URL**

`http://www.smartcarrouete.com/scripts/ifta_report.php`

- **Method:**

HTTP POST (x-www-form-urlencoded)

- **Data Params**

```
Action=[string]
DevicesArr=[string]
StartDate=[datetime]
EndDate=[datetime]
Platform=[string]
```

- **Success Response:**

- **Content:**

```
<?xml version="1.0"?>
<root>
  <device>
    <serial> w141jq6zvlwrp30gg1nkbuo7u9frnxfr</serial>
    <orderid>09876543</orderid>
    <expiration>2020-11-25 17:51:24</expiration>
    <states>
      <MA>
        <Miles>1000</Miles>
      </MA>
    </states>
  </device>
</root>
```

- **Error Response:**

- **Content:** { error : "Devices Array Invalid | Devices Not Subscribed | Dates Invalid | Platform Invalid" }

- **Sample Call:**

```
$url = 'http://www.smartcarroute.com/scripts/ifta_report.php';
$data = array('Action' => 'GetIftaXml_MultiDevices', 'DevicesArr' => 'bob_email1@gmail.com
bob_serial1 bob_email2@gmail.com bob_serial2', 'StartDate' => '2017-03-01 04:00:00
GMT', 'EndDate' => '2017-06-30 04:00:00 GMT', 'Platform' => 'android');

// use key 'http' even if you send the request to https://...
$options = array(
    'http' => array(
        'header' => "Content-type: application/x-www-form-urlencoded\r\n",
        'method' => 'POST',
        'content' => http_build_query($data)
    )
);
$context = stream_context_create($options);
$result = file_get_contents($url, false, $context);
if ($result === FALSE) { /* Handle error */ }

var_dump($result);
```

- **Notes:**

The StartDate/EndDate in the sample call is in EDT (Eastern Daylight Time). There are multiple valid date formats (2018-06-30 04:00:00 GMT and 30 Jun 2017 04:00:00 GMT). The <expiration> value in the XML is in Eastern Time. Parameter "DevicesArr" in the sample call is a string of multiple, sequential email addresses and serials; each value separated by empty spaces. It is also recommended to have a unique email address per serial number because "SmartTruckRoute IFTA Summary" has a feature where users can add additional custom IFTA data to their email account; affecting the entire account (including total miles, fuel, mpg, total due, etc) and associated devices.