

IFTA Data by Order Id 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 & order ids 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.smartcarroute.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:**

```
function httpPost($url, $params)
{
    $ch = curl_init($url);
    curl_setopt($ch, CURLOPT_POST, true);
    curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($params));
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    $response = curl_exec($ch);
    curl_close($ch);
    return $response;
}

$url = 'http://www.smartcarroute.com/scripts/ifta_report.php';
$devices = array('email_1@gmail.com orderid_1', 'email_2@gmail.com orderid_2',
    'email_3@gmail.com orderid_3');

echo "Total Orders: " . count($devices) . "\n";

$params = array(
    'Action' => 'GetIftaXml_OrderId_MultiDevices',
    'DevicesArr' => null,
    'StartDate' => '2020-01-01 04:00:00 GMT',
    'EndDate' => '2020-03-31 04:00:00 GMT',
    'Platform' => 'android'
);

foreach ($devices as $index => $device) {
    $pos = $index + 1;
    $orderId = explode(' ', $device)[1];
    echo "... #{$pos} Processing $orderId \n";
    $params['DevicesArr'] = $device;
    $results = httpPost($url, $params);
    echo json_encode($results) . "\n";
    echo "=====\n";
    sleep(2);
}
```

- **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 order ids; each value separated by empty spaces. It is also recommended to have a unique email address per order id 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.