

# InfoPortugal Traffic Service API

**Author:** Nuno Mariz  
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# 1 Introduction

This document describes the InfoPortugal Traffic Service API.

## 2 Traffic

Service for traffic

### 2.1 Request

- (GET) /traffic.json

### 2.2 Parameters

- callback: <string> JSONP Callback - Only available if the server supports
- api\_key: <string> API key (**required**)

## 2.3 Response

### 2.3.1 GeoJSON

[GeoJSON](#) is a format for encoding a variety of geographic data structures. A GeoJSON object may represent a geometry, a feature, or a collection of features. GeoJSON supports the following geometry types: Point, LineString, Polygon, MultiPoint, MultiLineString, MultiPolygon, and GeometryCollection. Features in GeoJSON contain a geometry object and additional properties, and a feature collection represents a list of features.

The service will return a [FeatureCollection](#).

```
{
  "type": "FeatureCollection",
  "features": [{
    "geometry": {
      "point_id": "00126",
      "type": "Point",
      "coordinates": [-9.08473015, 38.85424042]
    },
    "type": "Feature",
    "properties": {
      "lane": "Right",
      "name": "A1 (Auto-estrada do Norte) (Santa Iria da Azóia - Alverca)",
      "district": "Lisboa",
      "route_id": "211070006307",
      "description": "Heavy traffic at A1 (Auto-estrada do Norte) in the direction  
Lisboa - Porto between the node of Santa Iria da Azóia and  
the node of Alverca. (Cause: Accident - Lane: Right)",
      "date_start": "2012-02-13T14:32:53+00:00",
      "municipality": "Loures",
      "event_degree": 1,
      "source": null,
      "date_end": "2012-02-13T15:35:51+00:00",
      "locality": "Santa Iria de Azoia",
      "map_version": "PTX_IP_V_1.1.10",
      "id": 146693,
      "event_type": 1
    }
  ]
}
```

## 2.4 Response variables

### 2.4.1 event\_degree

1. Heavy traffic
2. Slow traffic
3. Quite congested traffic
4. Traffic cut
5. Traffic conditioned
6. End of maintenance

### **2.4.2 event\_type**

1. Accident
2. Malfunction
3. Road maintenance
4. Objects on the road
5. Weather conditions
6. Incident
7. Demonstration
8. Leisure/Sport activity