

# Public API Guide

This API requires authentication via an "x-api-key" header. **No limits** on requests or rate for this api.

Base URL: All API requests should be made to the following base URL:

<https://publicapi.reliableeld.com/>

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## Authentication and Usage Notes

To access the endpoints, include your API key in the "x-api-key" header.

## API Endpoints and Documentation

### 1. Companies

Get company information

Get company information by authorization's API Key.

#### Request Parameters:

- `dot_number` (string, not required)
- `mc_number` (string, not required)

#### Endpoint:

- `GET /api/companies/info`

#### Responses:

- `200`: Success.
- `422`: Validation error.

#### Sample Response:

##### 1. `200`

```
{  
  "name": "string",  
  "dot_number": "string",
```

```
"mc_number": "string",
"timezone": "string"
}
```

## 2. 422

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

## 2. Drivers

### Get Drivers List

Retrieve a paginated list of all active drivers associated with a specific company.

#### Request Parameters:

- `dot_number` (string, not required)
- `mc_number` (string, not required)
- `page` (integer, optional): The page number to retrieve (default: 1).
- `size` (integer, optional): Number of items per page (default: 50, max: 100).

#### Endpoint:

- `GET /api/drivers`

#### Responses:

- `200`: Successful retrieval of driver list.
- `422`: Validation error.

#### Sample Response:

### 1. 200

```
{
  "items": [
    {
      "driver_id": 0,
      "name": "string",
      "surname": "string",
      "dl_number": "string",
      "license_state": "string",
      "phone": "string",
      "email": "string"
    }
  ],
  "total": 0,
  "page": 0,
  "size": 0
}
```

## 2. 422

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

## 3. Logs

### Tracking

Obtain real-time location and trip details for drivers with an active log within the past 48 hours.

#### Request Parameters:

- `dot_number` (string, not required)
- `mc_number` (string, not required)
- `driver_id` (integer, optional): Filter by driver ID.

- **driver\_name** (string, optional): Filter by driver name; case-insensitive and order-independent.
- **page** (integer, optional): The page number to retrieve (default: 1).
- **size** (integer, optional): Number of items per page (default: 50, max: 100).

#### Endpoint:

- **GET** /api/logs/tracking

#### Responses:

- **200**: Successful retrieval of tracking data.
- **422**: Validation error.

#### Sample Response:

##### 1. 200

```
{
  "items": [
    {
      "location": "string",
      "location_latitude": 0,
      "location_longitude": 0,
      "name": "string",
      "surname": "string",
      "driver_id": 0,
      "odometer_value": 0,
      "engine_hours": 0,
      "speed": 0,
      "status": "string",
      "status_duration": 0,
      "username": "string",
      "vehicle_id": 0,
      "vehicle_number": "string",
      "datetime": "2019-08-24T14:15:22Z",
      "datetime_utc": "2019-08-24T14:15:22Z",
      "status_activation_time": "2019-08-24T14:15:22Z",
      "status_activation_time_utc": "2019-08-24T14:15:22Z"
    }
  ],
  "total": 0,
  "page": 0,
}
```

```
"size": 0
}
```

## 2. 422

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

## 4. Reports

### IFTA Report

Returns a link to the IFTA report in the specified format (PDF, XLSX, or data). The report link will remain active for **10 minutes** after the request.

#### Request Parameters:

- `dot_number` (string, not required)
- `mc_number` (string, not required)
- `date_from` (string, required): Start date in `YYYY-MM-DD` format.
- `date_to` (string, required): End date in `YYYY-MM-DD` format.
- `vehicle_id` (string, optional): Comma-separated list of vehicle IDs, e.g., "100,101".
- `state` (string, optional): Comma-separated list of two-letter state abbreviations, e.g., "LA,MT".
- `type` (string, optional): Report format; one of "pdf", "xlsx", or "data" (default: "pdf").

#### Endpoint:

- `GET /api/reports/ifta`

#### Responses:

- 200: Report link generated.
- 422: Validation error.

### Sample Response:

#### 1. 200

```
Content type
application/json
any
```

#### 2. 422

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

## 5. Vehicles

### Get All Vehicles

Retrieve a paginated list of all vehicles. The list can be filtered by **VIN**.

#### Request Parameters:

- `dot_number` (string, not required)
- `mc_number` (string, not required)
- `vin` (string, optional): Case-insensitive VIN for filtering.
- `page` (integer, optional): The page number to retrieve (default: 1).
- `size` (integer, optional): Number of items per page (default: 50, max: 100).

#### Endpoint:

- `GET /api/vehicles`

## Responses:

- 200: Successful retrieval of vehicle list.
- 422: Validation error.

## Sample Response:

### 1. 200

```
{
  "items": [
    {
      "make": "string",
      "model": "string",
      "vin": "string",
      "plate": "string",
      "unit_number": "string",
      "mc_number": "string",
      "dot_number": "string",
      "id": 0,
      "fuel_type": "string"
    }
  ],
  "total": 0,
  "page": 0,
  "size": 0
}
```

### 2. 422

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```