

get_fms.php

Returns FMS data for a vehicle.

Description

GET

```
get_fms.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=YYYYMMDDHHMMSS&end=YYYYMMDDHHMMSS&format=csv
```

Parameter

Parameter	Description	Type	Note	Mandatory
company	RTI company key	string		yes
vehicle	RTI vehicle key	string		yes
start	start of interval	datestring	format: YYYYMMDDHHMMSS	no
end	end of interval	datestring	format: YYYYMMDDHHMMSS Max. 24 hours between start and end of interval	no
format	return format	string	csv (standard), xml or json	no

Return

Return a **string**. In case of error "**ERROR:Description**" will be returned.

CSV format

Meta data

Delimiter	semicolon(;)
Text delimiter	double quote (")
Line end	0x0D 0x0A (CarriageReturn LineFeed)
Header	first line

Columns

Column	Description	
VEHICLE	license plate	
DATE	gps date when measurement was created	format: YYYY-MM-DD HH:MM:SS
LAT	latitude	example.: 51.03659
LON	longitude	example.: 13.59967
PTO_STATE	secondary engine on/ off	0 = off, 1 = on
ENGINE_SPEED	engine speed in rpm	
TACHOGRAPH_VEHICLE_SPEED	tachograph speed in km/h	
CLUTCH_SWITCH	clutch usage within measurement interval	
BRAKE_SWITCH	breake usage within measurement interval	
CRUISE_CONTROL_ACTIVE	cruise control on/ off	0 = off, 1 = on
OVERSPEED	overspeed warning on/ off	0 = off, 1 = on

ACCELERATOR_PEDAL_POSITION	position of accelerator pedal in %	
AXLE_WEIGHT	axle weight in kg	
FUEL_LEVEL	fuel level in %	
ENGINE_COOLANT_TEMP	engin coolant temperature in °C	
TOTAL_FUEL_USED	total fuel used in liter	
TOTAL_ENGINE_HOURS	total engine hours in h	
VEHICLE_DISTANCE	total vehicle distance in km	
RTI_IDENT	RTI Ident	
ADBLUE_LEVEL	AdBlue fuel level in %	
TOTAL_LPG_USED	total LPG(gas) used in kg	

Example

CSV format

return in csv

```
"VEHICLE";"DATE";"LAT";"LON";"PTO_STATE";"ENGINE_SPEED";"TACHOGRAPH_VEHICLE_SPEED";"CLUTCH_SWITCH";"BRAKE_SWITCH";"CRUISE_CONTROL_ACTIVE";"OVERSPEED";"ACCELERATOR_PEDAL_POSITION";"AXLE_WEIGHT";"FUEL_LEVEL";"ENGINE_COOLANT_TEMP";"TOTAL_FUEL_USED";"TOTAL_ENGINE_HOURS";"VEHICLE_DISTANCE";"RTI_IDENT";"ADBLUE_LEVEL";"TOTAL_LPG_USED"
"DD-YF 2015";"2015-10-20 16:58:25";"52.5317";"11.71469";"0";"1093";"17";"11";"2";"0";"0";"44";"0";"98";"82";"89843";"5563";"333941";"Ident1";"81";"4280"
```

XML format

return in xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE yf_fms SYSTEM "http://map.yellowfox.de/rti/dtd/yf_fms.dtd">
<yf_fms>
  <ENTRY>
    <VEHICLE>DD-YF 2015</VEHICLE>
    <DATE>2015-10-20 16:24:57</DATE>
    <LAT>52.5718</LAT>
    <LON>11.21184</LON>
    <PTO_STATE>0</PTO_STATE>
    <ENGINE_SPEED>1208</ENGINE_SPEED>
    <TACHOGRAPH_VEHICLE_SPEED>83</TACHOGRAPH_VEHICLE_SPEED>
    <CLUTCH_SWITCH>0</CLUTCH_SWITCH>
    <BRAKE_SWITCH>0</BRAKE_SWITCH>
    <CRUISE_CONTROL_ACTIVE>1</CRUISE_CONTROL_ACTIVE>
    <OVERSPEED>0</OVERSPEED>
    <ACCELERATOR_PEDAL_POSITION>0</ACCELERATOR_PEDAL_POSITION>
    <AXLE_WEIGHT>0</AXLE_WEIGHT>
    <FUEL_LEVEL>100</FUEL_LEVEL>
    <ENGINE_COOLANT_TEMP>82</ENGINE_COOLANT_TEMP>
    <TOTAL_FUEL_USED>89833</TOTAL_FUEL_USED>
    <TOTAL_ENGINE_HOURS>5563</TOTAL_ENGINE_HOURS>
    <VEHICLE_DISTANCE>333903</VEHICLE_DISTANCE>
    <RTI_IDENT>Ident1</RTI_IDENT>
    <ADBLUE_LEVEL>81</ADBLUE_LEVEL>
    <TOTAL_LPG_USED>4280</TOTAL_LPG_USED>
  </ENTRY>
</yf_fms>
```

JSON format

return json

```
[{
  "VEHICLE": "DD-YF 2015",
  "DATE": "2015-10-20 16:29:00",
  "LAT": 52.5496,
  "LON": 11.13903,
  "PTO_STATE": 0,
  "ENGINE_SPEED": 1196,
  "TACHOGRAPH_VEHICLE_SPEED": "83",
  "CLUTCH_SWITCH": 0,
  "BRAKE_SWITCH": 0,
  "CRUISE_CONTROL_ACTIVE": 1,
  "OVERSPEED": 0,
  "ACCELERATOR_PEDAL_POSITION": "0",
  "AXLE_WEIGHT": "0",
  "FUEL_LEVEL": "99",
  "ENGINE_COOLANT_TEMP": "82",
  "TOTAL_FUEL_USED": "89834",
  "TOTAL_ENGINE_HOURS": "5563",
  "VEHICLE_DISTANCE": "333909",
  "RTI_IDENT": "Ident1",
  "ADBLUE_LEVEL": "81",
  "TOTAL_LPG_USED": "4280"
}]
```

Example calls

most current FMS data of a vehicle in CSV format

https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY

[https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\"type\": \"car_ident\", \"groupKey\": \"GROUP_RTIKEY\", \"ident\": \"VEHICLE_IDENT\"}](https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\)

FMS data of a vehicle within a certain time range in XML format

https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=20210401000000&end=20210401235959&format=xml

[https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\"type\": \"car_ident\", \"groupKey\": \"GROUP_RTIKEY\", \"ident\": \"VEHICLE_IDENT\"}&start=20210401000000&end=20210401235959&format=xml](https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\)

FMS data of a vehicle within a certain time range in XML format

https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=20210401000000&end=20210401235959&format=json

[https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\"type\": \"car_ident\", \"groupKey\": \"GROUP_RTIKEY\", \"ident\": \"VEHICLE_IDENT\"}&start=20210401000000&end=20210401235959&format=json](https://map.yellowfox.de/rti/get_fms.php?company=COMPANY_RTIKEY&vehicle={\)