

get_pos.php

Returns position data for the requested vehicle or vehicle group.
If no start and end are given, current position will be returned.

Description

GET

```
get_pos.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 vehcile key	string	vehicle or group parameter	(yes)
group	RTI group key	string	vehicle or group parameter	(yes)
start	begin of requested timerange	datestring	Format: YYYYMMDDHHMMSS	no
end	end of requested timerange	datestring	Format: YYYYMMDDHHMMSS	no
query_date	date at which the respective position is to be displayed	datestring	Format: YYYYMMDDHHMMSS	no
format	return format	string	csv (default) or xml	no
date_query	set the date reference for request	string	'insert' (default) = get bookings by processing time 'gps' = get booking by booked date and time	no
additionaldata	additional params to gather certain additional information	string	'temp' gathers the values of digital temperature inputs 1 to 8 and analogue temperature inputs 1 to 4	no
hide_display	hides messages from the display	int	0 (Standard) = display messages are also output 1 = display messages are not output	no

Return

Return a **string**. In case of error it returns "**ERROR:Description**".

CSV Format

Meta informations

Separator	semicolon (;)
Delimiter	double quote (")
Line break	0x0D 0x0A (CarriageReturn LineFeed)
Header	line 1

Columns

Column	Description	
VEHICLE	vehicle licence	
DATE	GPS date of message creation	Format: YYYY-MM-DD HH:MM:SS

LAT	Latitude	Example.: 51.03659
LON	Longitude	Example.: 13.59967
POS	adress text	
DIR	direction in grade	0=North, 90=East
SAT	Anzahl Satelliten	
SPEED	speed in full km/h	
IGN	ignition state	0 = off, 1 = on, , null = undefined
REASON	reason of the message	
KM	odometer value in full km	
INSERTDATE	Date when the message was processed in the data center	Format: YYYY-MM-DD HH:MM:SS
UTCDATE	UTC date of message creation	Format: YYYY-MM-DD HH:MM:SS
DRIVER	name of logged in driver	
CUSTOMER	customer name	in case of a possible customer position allocation
DRIVER_KEY	driver key	
ETA_TIME	estimated time of arrival at navigation target	Format: YYYY-MM-DD HH:MM:SS
ETA_DIST	estimated time of arrival at navigation target in kilometer	
ETA_DUR	estimated duration of arrival at navigation target in seconds	
ETA_LAT	Latitude coordinate of navigation target	Bsp.: 51.03659
ETA_LON	Longitude coordinate of navigation target	Bsp.: 13.59967
ETA_DESC	customer allocation of navigation target	in case of a possible customer position allocation
BSZ1	operation time counter 1	value in full minutes
BSZ2	operation time counter 2	value in full minutes
DRIVER2	name of logged in co-driver	
DRIVER_KEY2	co-driver key	
D_INPUT_1	Digital Input 1 Value	0 = off 1 = on
D_INPUT_2	Digital Input 2 Value	0 = off 1 = on
D_INPUT_3	Digital Input 3 Value	0 = off 1 = on
D_INPUT_4	Digital Input 4 Value	0 = off 1 = on
D_INPUT_5	Digital Input 5 Value	0 = off 1 = on
D_INPUT_6	Digital Input 6 Value	0 = off 1 = on
D_INPUT_TEXTSTATE_1	Digital Input 1 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active
D_INPUT_TEXTSTATE_2	Digital Input 2 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active
D_INPUT_TEXTSTATE_3	Digital Input 3 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active
D_INPUT_TEXTSTATE_4	Digital Input 4 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active
D_INPUT_TEXTSTATE_5	Digital Input 5 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active
D_INPUT_TEXTSTATE_6	Digital Input 6 Textstate	Inputname and state separated by "@" Bspw. "Tür@offen", is only filled if the input is active

RTI_IDENT	RTI Ident	
PRIVFLAG	Private drive mode	0 = off / 1 = on

Additional columns

the following columns are only supplied if an additional parameter is specified:

Parameter	Column	Description
temp	DIGITAL_TEMPERATURE_1	value of digital temperature input 1
	DIGITAL_TEMPERATURE_2	value of digital temperature input 2
	DIGITAL_TEMPERATURE_3	value of digital temperature input 3
	DIGITAL_TEMPERATURE_4	value of digital temperature input 4
	DIGITAL_TEMPERATURE_5	value of digital temperature input 5
	DIGITAL_TEMPERATURE_6	value of digital temperature input 6
	DIGITAL_TEMPERATURE_7	value of digital temperature input 7
	DIGITAL_TEMPERATURE_8	value of digital temperature input 8
	DIGITAL_TEMPERATURE_1_SET_POINT	set point of digital temperature input 1
	DIGITAL_TEMPERATURE_2_SET_POINT	set point of digital temperature input 2
	DIGITAL_TEMPERATURE_3_SET_POINT	set point of digital temperature input 3
	DIGITAL_TEMPERATURE_4_SET_POINT	set point of digital temperature input 4
	DIGITAL_TEMPERATURE_5_SET_POINT	set point of digital temperature input 5
	DIGITAL_TEMPERATURE_6_SET_POINT	set point of digital temperature input 6
	DIGITAL_TEMPERATURE_7_SET_POINT	set point of digital temperature input 7
	DIGITAL_TEMPERATURE_8_SET_POINT	set point of digital temperature input 8
	ANALOGUE_TEMPERATURE_1	value of analogue temperature input 1
	ANALOGUE_TEMPERATURE_2	value of analogue temperature input 2
	ANALOGUE_TEMPERATURE_3	value of analogue temperature input 3
	ANALOGUE_TEMPERATURE_4	value of analogue temperature input 4

Example

return position

```
"VEHICLE";"DATE";"LAT";"LON";"POS";"DIR";"SAT";"SPEED";"IGN";"REASON";"KM";"INSERTDATE";"UTCDATE";"DRIVER";"CUSTOMER";"DRIVER_KEY";"ETA_TIME";"ETA_DIST";"ETA_DUR";"ETA_LAT";"ETA_LON";"ETA_DESC";"BSZ1";"BSZ2";"DRIVER2";"DRIVER_KEY2";"D_INPUT_1";"D_INPUT_2";"D_INPUT_3";"D_INPUT_4";"D_INPUT_5";"D_INPUT_6";"D_INPUT_TEXTSTATE_1";"D_INPUT_TEXTSTATE_2";"D_INPUT_TEXTSTATE_3";"D_INPUT_TEXTSTATE_4";"D_INPUT_TEXTSTATE_5";"D_INPUT_TEXTSTATE_6";"RTI_IDENT";"PRIVFLAG"
"353234024326181";"2015-04-15 08:52:42";"51.03669";"13.59925";"D-01723 Wilsdruff Am Wüsteberg 3";"207";"10";"0";"0";"Nachrichtstatus aktualisiert";"52469";"2015-04-15 08:52:57";"2015-04-15 06:52:42";"Herr Mueller";"YellowFox GmbH";"123456";"2015-04-15 09:52:42";"12.33";"3600";"50.862247";"12.908245";"Kunde Mueller";"1234";"";"DF1234567890";"John Who";"0";"0";"1";"0";"0";"1";"Temp Innen@aus";"Temp Aussen@aus";"";"Pumpe@offen";"";"Hydraulik@up";"Ident1";"1"
```

XML Format

return position xml

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
<!DOCTYPE yfrtiout SYSTEM "https://map.yellowfox.de/rti/dtd/yfrtiout-1.4.dtd">
<yfrtiout>
  <message>
    <vehsign>353234024326181</vehsign>
    <date>2015-04-15 08:52:42</date>
    <lat>51.03669</lat>
    <lon>13.59925</lon>
    <pos>D-01723 Wilsdruff Am Wüsteberg 3</pos>
    <dir>207</dir>
    <sat>10</sat>
    <speed>0</speed>
    <ign>0</ign>
    <reason>Nachrichtstatus aktualisiert</reason>
    <km>52469</km>
    <insertdate>2015-04-15 08:52:57</insertdate>
    <utcdate>2015-04-15 06:52:42</utcdate>
    <driver>Herr Mueller</driver>
    <customer>YellowFox GmbH</customer>
    <driverkey>123456</driverkey>
    <eta_time>2015-04-15 09:52:42</eta_time>
    <eta_dist>12.33</eta_dist>
    <eta_dur>3600</eta_dur>
    <eta_lat>50.862247</eta_lat>
    <eta_lon>12.908245</eta_lon>
    <eta_desc>Kunde Mueller</eta_desc>
    <bsz1>1234</bsz1>
    <bsz2></bsz2>
    <driver2>John Who</driver2>
    <driverkey2>DF1234567890</driverkey2>
    <digital_inputs>
      <d_in>
        <d_nr>1</d_nr>
        <d_name>Temp Innen</d_name>
        <d_state>aus</d_state>
        <d_value>0</d_value>
      </d_in>
      <d_in>
        <d_nr>2</d_nr>
        <d_name>Temp Aussen</d_name>
        <d_state>aus</d_state>
        <d_value>0</d_value>
      </d_in>
      <d_in>
        <d_nr>4</d_nr>
        <d_name>Pumpe</d_name>
        <d_state>offen</d_state>
        <d_value>0</d_value>
      </d_in>
    </digital_inputs>
  </message>
</yfrtiout>
```

```

        <d_in>
            <d_nr>6</d_nr>
            <d_name>Hydraulik</d_name>
            <d_state>up</d_state>
            <d_value>1</d_value>
        </d_in>
    </digital_inputs>
    <rti_ident>Ident1</rti_ident>
    <privflag>1</privflag>
    <digital_temperature_values>
        <d_temp>
            <nr>1</nr>
            <value>10.5</value>
            <set_point>11</set_point>
        </d_temp>
    </digital_temperature_values>
    <analogue_temperature_values>
        <a_temp>
            <nr>1</nr>
            <value>-5</value>
        </a_temp>
    </analogue_temperature_values>
</yfertiout>

```

JSON Format (RFC 4627)

return position json

```

[
  {
    "vehsign": "353234024326181",
    "date": "2016-05-23 08:13:24",
    "lat": "51.0365",
    "lon": "13.5997",
    "pos": "D-01723 Wilsdruff (Kesselsdorf) Am Wüsteberg 3",
    "dir": "40",
    "sat": "14",
    "speed": "0",
    "ign": "0",
    "reason": "Telemetriemeldung",
    "km": "49929",
    "insertdate": "2016-05-23 08:13:41",
    "utcddate": "2016-05-23 06:13:24",
    "driver": "Herr Mueller",
    "customer": "Kunde Mueller",
    "driverkey": "12345",
    "eta_time": "2015-04-15 09:52:42",
    "eta_dist": "2015-04-15 09:52:42",
    "eta_dur": "3600",
    "eta_lat": "50.862247",
    "eta_lon": "12.908245",
    "eta_desc": "Kunde Mueller",
    "bsz1": "1234",
    "bsz2": "",
    "driver2": "John Who",
    "driverkey2": "DF1234567890",
    "digital_inputs": [
      {
        "nr": 1,
        "name": "Temp Innen",
        "state": "aus",
        "value": "0"
      },
      {
        "nr": 2,
        "name": "Temp Aussen",
        "state": "aus",
        "value": "0"
      }
    ]
  }
]

```

```

    },
    {
        "nr": 4,
        "name": "Pumpe",
        "state": "offen",
        "value": "0"
    },
    {
        "nr": 6,
        "name": "Hydraulik",
        "state": "up",
        "value": "1"
    }
],
    "rti_ident": "Ident1",
    "privflag": "1",
    "digital_temperature_values": [
        {
            "nr": 1,
            "value": 10.5,
            "set_point": 11
        }
    ],
    "analogue_temperature_values": [
        {
            "nr": 1,
            "value": -5
        }
    ]
}
]

```

Example calls

current position of one vehicle

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

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

position of a car at a defined time range in xml format

https://map.yellowfox.de/rti/get_pos.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=20150401000000&end=20150401235959&format=xml

[https://map.yellowfox.de/rti/get_pos.php?company=COMPANY_RTIKEY&vehicle={"type":"car_ident","groupKey":"GROUP_RTIKEY","ident":"VEHICLE_IDENT"}&start=20150401000000&end=20150401235959&format=xml](https://map.yellowfox.de/rti/get_pos.php?company=COMPANY_RTIKEY&vehicle={)