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1.

Signature

All requests should contain the required parameter **timestamp** - that in its turn should be included in a signature and is valid for 10 seconds.

You can request for timestamp by the address: <https://sms4.tcg.lt/external/get/timestamp.php>

Signature (signature parameter) - md5 hash, which is formed the following way:

You should sort all the parameters alphabetically in a string and add at the end of the string an API key. The sequence of parameters in the request is not important.

Example for the

request <https://sms4.tcg.lt/external/get/balance.php?login=YourLogin&signature=b50544099b8167b2a91c7e4007707e12×tamp=1459327393>

thus, the signature consists of the following parameters login, timestamp and API key:
b50544099b8167b2a91c7e4007707e12

A simple example of making a signature in PHP

There is a set of parameters

```
$params = array(  
    'timestamp' => '1459327393',  
    'login'     => 'YourLogin',  
    'phone'    => '37060000000',  
    'text'     => 'Long text'  
);
```

You should sort it alphabetically

```
ksort( $params );  
reset( $params );
```

As a result you will see

```
Array  
(  
    [login] => YourLogin  
    [phone] => 37060000000  
    [text]  => Long text  
    [timestamp] => 1459327393  
)
```

Convert the result to a string

```
implode( $params );
```

As a result you will see

```
YourLogin37060000000Long text1459327393
```

Add your API key at the end of the string - 44d009e79299087d4f179c402c517888c89bd1c4

```
YourLogin3706000000Long text145932739344d009e79299087d4f179c402c517888c89bd1c4
```

Convert the result to md5 hash

```
md5( 'YourLogin3706000000Long text145932739344d009e79299087d4f179c402c517888c89bd1c4' );
```

You will get a valid signature as a result that you should substitute in the appropriate parameter of the request

```
d3ec41dc84cef5e9046acb665e167ed0
```

i.e. the final request will be:

```
https://sms4.tcg.lt/external/get/PAGE.php?login=YourLogin&timestamp=1459327393&phone=370600000000&text=Long text&signature=d3ec41dc84cef5e9046acb665e167ed0
```

The ready example of the simplest function of making a signature in PHP

```
function Signature( $params, $api_key )
{
    ksort( $params );
    reset( $params );

    return md5( implode( $params ) . $api_key );
}
```

2.

Balance request

Server address for requests: <https://sms4.tcg.lt/external/get/balance.php>

It is necessary to specify in the request three obligatory parameters **login**, **signature** and **timestamp**

login - Your login
signature - signature
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/balance.php?login=YourLogin&signature=e5cf1bafd936f4402f80413f6956620e&timestamp=1459329676
```

There is a fourth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/balance.php?login=YourLogin&signature=3be55ec693a98204aa49c8e5e2f6b593&timestamp=1459329676&return=json
```

Response example:

```
{"money" : "69573.1", "currency" : "RUR"}
```

Request example:

```
https://sms4.tcg.lt/external/get/balance.php?login=YourLogin&signature=2d56a930505ced1f21ca10446df8f68c&timestamp=1459329676&return=xml
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
  <money>69573.1</money>
  <currency>RUR</currency>
</response>
```

3.

SMS sending

Server address for requests: <https://sms4.tcg.lt/external/get/send.php>

It is necessary to specify in the request six obligatory parameters **login**, **signature**, **phone**, **text**, **sender**, **timestamp**

login - Your login

signature - signature

phone - One or several numbers separated by commas (no more than 100 numbers in the request)

text - Text of SMS message

sender - Sender name (one of the approved in your account)

timestamp - UTC Timestamp

sendingTime - Example: 2014-05-30 14:06 (an optional parameter, it is used when it is necessary to schedule SMS messages)

Request example:

```
https://sms4.tcg.lt/external/get/send.php?login=YourLogin&signature=a7b00128c0ddb39274828ee7e6be454b&phone=37060000000&text=%D0%A2%D0%B5%D1%81%D1%82%D0%BE%D0%B2%D0%BE%D0%B5+%D0%A1%D0%9C%D0%A1+%D1%81%D0%BE%D0%BE%D0%B1%D1%89%D0%B5%D0%BD%D0%B8%D0%B5+%22Test+SMS%22%21&sender=smstest&timestamp=1459329730
```

There is a seventh optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/send.php?login=YourLogin&signature=0c5cf70bf32677b9a45884a9cbb1fcc5&phone=37060000000&text=Hello!&sender=smstest&return=json&timestamp=1409887191
```

Response example:

```
{"3706000000":{"error":"0", "id_sms":"4092112510348380960001", "cost":"0.5", "count_sms":"1"}}
```

Request example:

```
https://sms4.tcg.lt/external/get/send.php?login=YourLogin&signature=0c5cf70bf32677b9a45884a9cbb1fcc5&phone=37060000000&text=Hello!&sender=smstest&return=xml&timestamp=1409887191
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<phones>
<phone phone="37060000000" error="0" id_sms="4092113100349055700001" cost="0.5" count_sms="1" />
</phones>
</response>
```

4.

Status request

Server address for requests: <https://sms4.tcg.lt/external/get/status.php>

It is necessary to specify in the request four obligatory parameters **login**, **signature**, **state**, **timestamp**

login - Your login

signature signature

state - status ID. If you need statuses of several SMS, you should specify ID separated by commas.

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/status.php?login=YourLogin&signature=b2ef7cf81c14a261778aa0f43620a20c&state=4091297100348873330001,4091297100348880230003&timestamp=1459329751
```

There is a fifth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/status.php?login=YourLogin&signature=082f2d5bd946037cce4fa4da2baf0daa&state=4091297100348873330001,4091297100348880230003&return=json&timestamp=1409887191
```

Response example:

```
{"4091297100348873330001" : "not_deliver", "4091297100348880230003" : "not_deliver"}
```

Request example:

```
https://sms4.tcg.lt/external/get/status.php?login=YourLogin&signature=082f2d5bd946037cce4fa4da2baf0daa&state=4091297100348873330001,4091297100348880230003&return=xml&timestamp=1409887191
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<statuses>
<status id_sms="4091297100348873330001" status="not_deliver" />
<status id_sms="4091297100348880230003" status="not_deliver" />
</statuses>
</response>
```

5.

General statistics for a month by days

Server address for requests: https://sms4.tcg.lt/external/get/stat_by_month.php

It is necessary to specify in the request four obligatory parameters **login**, **signature**, **month**, **timestamp**

login - Your login

signature - signature

month - Year and month in the format YYYY-MM

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/stat_by_month.php?login=YourLogin&signature=a5225d7829a4a12fba266a13ece62345&month=2016-03&timestamp=1459330472
```

There is a fifth optional parameter **return** that can be one of three values: array, json, xml

Request example:

```
https://sms4.tcg.lt/external/get/stat_by_month.php?login=YourLogin&signature=a700de8fe83ce44f971a542352b90326&month=2014-08&return=json&timestamp=1409887191
```

Response example:

```
{"2014-08-01":{"deliver":{"cost":"0.500", "parts":"1"}, "2014-08-06":{"deliver":{"cost":"0.600", "parts":"1"}, "not_deliver":{"cost":"0.600", "parts":"1"}, "2014-08-07":{"deliver":{"cost":"1.200", "parts":"2"}, "not_deliver":{"cost":"1.800", "parts":"3"}, "2014-08-08":{"not_deliver":{"cost":"0.700", "parts":"1"}, "deliver":{"cost":"0.600", "parts":"1"}, "2014-08-09":{"not_deliver":{"cost":"506.800", "parts":"768"}, "deliver":{"cost":"858.700", "parts":"1304"}, "expired":{"cost":"80.500", "parts":"122"}, "2014-08-11":{"not_deliver":{"cost":"32.700", "parts":"50"}, "expired":{"cost":"7.900", "parts":"12"}, "deliver":{"cost":"57.000", "parts":"86"}, "2014-08-13":{"expired":{"cost":"0.600", "parts":"1"}, "2014-08-14":{"deliver":{"cost":"8080.850", "parts":"18071"}, "not_deliver":{"cost":"4695.000", "parts":"10546"}, "expired":{"cost":"992.250", "parts":"2217"}, "2014-08-15":{"deliver":{"cost":"1738.300", "parts":"3909"}, "expired":{"cost":"194.300", "parts":"436"}, "not_deliver":{"cost":"1057.700", "parts":"2380"}, "2014-08-19":{"expired":{"cost":"2564.350", "parts":"5703"}, "not_deliver":{"cost":"2565.800", "parts":"5681"}, "deliver":{"cost":"4248.100", "parts":"9416"}, "2014-08-25":{"not_deliver":{"cost":"621.250", "parts":"1345"}, "deliver":{"cost":"978.550", "parts":"2116"}, "expired":{"cost":"109.900", "parts":"237"}, "2014-08-26":{"deliver":{"cost":"10.500", "parts":"21"}, "not_deliver":{"cost":"4.500", "parts":"9"}, "expired":{"cost":"1.000", "parts":"2"}, "2014-08-27":{"deliver":{"cost":"1339.950", "parts":"2836"}, "expired":{"cost":"160.400", "parts":"340"}, "not_deliver":{"cost":"836.050", "parts":"1769"}, "2014-08-28":{"expired":{"cost":"357.000", "parts":"714"}, "deliver":{"cost":"2901.500", "parts":"5803"}, "not_deliver":{"cost":"1796.000", "parts":"3592"}, "2014-08-29":{"not_deliver":{"cost":"0.500", "parts":"1"}}
```

Request example:

```
https://sms4.tcg.lt/external/get/stat_by_month.php?login=YourLogin&signature=a700de8fe83ce44f971a542352b90326&month=2014-08&return=xml&timestamp=1409887191
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<response>
```

```
<statistics>
<date date="2014-08-01" deliver_cost="0.500" deliver_parts="1" />
<date date="2014-08-06" deliver_cost="0.600" deliver_parts="1" not_deliver_cost="0.600" not_
deliver_parts="1" />
<date date="2014-08-07" deliver_cost="1.200" deliver_parts="2" not_deliver_cost="1.800" not_
deliver_parts="3" />
<date date="2014-08-08" not_deliver_cost="0.700" not_deliver_parts="1" deliver_cost="0.600"
deliver_parts="1" />
<date date="2014-08-09" not_deliver_cost="506.800" not_deliver_parts="768" deliver_cost="858
.700" deliver_parts="1304" expired_cost="80.500" expired_parts="122" />
<date date="2014-08-11" not_deliver_cost="32.700" not_deliver_parts="50" expired_cost="7.900
" expired_parts="12" deliver_cost="57.000" deliver_parts="86" />
<date date="2014-08-13" expired_cost="0.600" expired_parts="1" />
<date date="2014-08-14" deliver_cost="8080.850" deliver_parts="18071" not_deliver_cost="4695
.000" not_deliver_parts="10546" expired_cost="992.250" expired_parts="2217" />
<date date="2014-08-15" deliver_cost="1738.300" deliver_parts="3909" expired_cost="194.300"
expired_parts="436" not_deliver_cost="1057.700" not_deliver_parts="2380" />
<date date="2014-08-19" expired_cost="2564.350" expired_parts="5703" not_deliver_cost="2565.
800" not_deliver_parts="5681" deliver_cost="4248.100" deliver_parts="9416" />
<date date="2014-08-25" not_deliver_cost="621.250" not_deliver_parts="1345" deliver_cost="97
8.550" deliver_parts="2116" expired_cost="109.900" expired_parts="237" />
<date date="2014-08-26" deliver_cost="10.500" deliver_parts="21" not_deliver_cost="4.500" no
t_deliver_parts="9" expired_cost="1.000" expired_parts="2" />
<date date="2014-08-27" deliver_cost="1339.950" deliver_parts="2836" expired_cost="160.400"
expired_parts="340" not_deliver_cost="836.050" not_deliver_parts="1769" />
<date date="2014-08-28" expired_cost="357.000" expired_parts="714" deliver_cost="2901.500" d
eliver_parts="5803" not_deliver_cost="1796.000" not_deliver_parts="3592" />
<date date="2014-08-29" not_deliver_cost="0.500" not_deliver_parts="1" />
</statistics>
</response>
```

Lists request

Server address for requests: <https://sms4.tcg.lt/external/get/base.php>

It is necessary to specify in the request three obligatory parameters **login**, **signature** and **timestamp**

login - Your login
signature - signature
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/base.php?login=YourLogin&signature=63e0b7e535db2f4a5db75b3489f4e209&timestamp=1459330124
```

There is a fourth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/base.php?login=YourLogin&signature=fec3d2f47808f9c65de371ecaa883e0d&return=json&timestamp=1459330124
```

Response example:

```
{
  "125448": {
    "name": "All qualified leads",
    "time_birth": "12:00:00",
    "day_before": "0",
    "local_time": "1",
    "birth_sender": "",
    "birth_text": "",
    "on_birth": "0",
    "count": "3618",
    "pages": "37"
  },
  "125452": {
    "name": "Valuable clients",
    "time_birth": "12:00:00",
    "day_before": "0",
    "local_time": "1",
    "birth_sender": "",
    "birth_text": "",
    "on_birth": "0",
    "count": "2255",
    "pages": "23"
  },
  "125453": {
    "name": "Partners",
    "time_birth": "12:00:00",
    "day_before": "0",
    "local_time": "1",
    "birth_sender": "",
    "birth_text": "",
    "on_birth": "0",
    "count": "2266",
    "pages": "23"
  },
  "125454": {
    "name": "All leads and clients",
    "time_birth": "12:00:00",
    "day_before": "0",
    "local_time": "0",
    "birth_sender": "Stok&Sekond",
    "birth_text": "",
    "on_birth": "1",
    "count": "11537",
    "pages": "116"
  }
}
```

Request example:

```
https://sms4.tcg.lt/external/get/base.php?login=YourLogin&signature=72f2440213c6f7a246e11f32f79fb7e0&return=xml&timestamp=1459330124
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<bases>
<base base="125448" name="All qualified leads" time_birth="12:00:00" day_before="0"
      local_time="1" birth_sender="" birth_text=""
      on_birth="0" count="3618" pages="37" />
<base base="125452" name="Valuable clients" time_birth="12:00:00" day_before="0"
      local_time="1" birth_sender="" birth_text=""
      on_birth="0" count="2255" pages="23" />
```

```
<base base="125453" name="Partners" time_birth="12:00:00" day_before="0"
      local_time="1" birth_sender="" birth_text=""
      on_birth="0" count="2266" pages="23" />
<base base="125454" name="All leads and clients" time_birth="12:00:00" day_before="0"
      local_time="0" birth_sender="Stok&Sekond" birth_text=""
      on_birth="1" count="11537" pages="116" /></bases>

</response>
```

7.

Request for senders list

Server address for requests: <https://sms4.tcg.lt/external/get/senders.php>

It is necessary to specify in the request three obligatory parameters **login**, **signature**, **timestamp**

login - Your login
signature - signature
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/senders.php?login=YourLogin&signature=f6f44f5a279d232c881f63768d6ae553&timestamp=1459330158
```

There is a fourth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/senders.php?login=YourLogin&signature=351d43258df83def32204df90d6f5e4b&return=json&timestamp=1459330158
```

Response example:

```
{"smstest":"completed","smstest2":"completed"}
```

Request example:

```
https://sms4.tcg.lt/external/get/senders.php?login=YourLogin&signature=b67d24a66e7cd3562d37612ce39292d9&return=xml&timestamp=1459330158
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<senders>
<sender sender="smstest" state="completed" />
<sender sender="smstest2" state="completed" />
</senders>
</response>
```

8.

Request for numbers from list

Server address for requests: <https://sms4.tcg.lt/external/get/phone.php>

It is necessary to specify in the request five obligatory parameters **login**, **signature**, **base**, **page**, **timestamp**

login - Your login
signature - signature
base - List ID
page - Page number
timestamp - UTCTimestamp

Request example:

```
https://sms4.tcg.lt/external/get/phone.php?login=YourLogin&signature=b96ba8d20836f1e401f7654e3fd7c822&base=125454&page=1&timestamp=1459330175
```

There is a sixth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/phone.php?login=YourLogin&signature=b299a9acdd796f59f13a17f431f8bd07&base=125454&page=1&return=json&timestamp=1459330175
```

Response example:

```
{"79687931116":{"name":"","last_name":"","middle_name":"","date_birth":"0000-00-00","male":"","note1":"","note2":"","region":"","operator":""},"79874617237":{"name":"","last_name":"","middle_name":"","date_birth":"0000-00-00","male":"","note1":"","note2":"","region":"","operator":""},"79871846995":{"name":"","last_name":"","middle_name":"","date_birth":"0000-00-00","male":"","note1":"","note2":"","region":"","operator":""}}
```

Request example:

```
https://sms4.tcg.lt/external/get/phone.php?login=YourLogin&signature=00a73ffaf12c1a62359632146ffed8ae&base=125454&page=1&return=xml&timestamp=1459330175
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<phones>
<phone phone="7968793****" name="" last_name="" middle_name=""
        date_birth="0000-00-00" male="" note1=""
        note2="" region="" operator="" />
<phone phone="7987461****" name="" last_name="" middle_name=""
        date_birth="0000-00-00" male="" note1=""
        note2="" region="" operator="" />
<phone phone="7987184****" name="" last_name="" middle_name=""
```

```
date_birth="0000-00-00" male="" note1=""  
note2="" region="" operator="" />  
</phones>  
</response>
```

9.

Adding a number to the stop list

Server address for requests: <https://sms4.tcg.lt/external/get/add2stop.php>

It is necessary to specify in the request four obligatory parameters: **login**, **signature**, **phone**, **timestamp**

login - Your login

signature - signature

phone - Number to be added to the stop list

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/add2stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&timestamp=1409887191
```

There is a fifth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/add2stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&timestamp=1409887191&return=json
```

Response example:

```
{"id" : "4419373"}
```

Request example:

```
https://sms4.tcg.lt/external/get/add2stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&timestamp=1409887191&return=xml
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<id>4419374</id>
</response>
```

10.

Search in the stop list

Server address for requests: https://sms4.tcg.lt/external/get/find_on_stop.php

It is necessary to specify in the request four obligatory parameters **login**, **signature**, **phone**, **timestamp**

login - Your login
signature - signature
phone - Required number
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/find_on_stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&timestamp=1409887191
```

There is a fifth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/find_on_stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&return=json&timestamp=1409887191
```

Response example:

```
{"time_in" : "2014-08-29 11:07:43", "description" : "descr"}
```

Request example:

```
https://sms4.tcg.lt/external/get/find_on_stop.php?login=YourLogin&signature=1787c21c943f27054ca2b9fa35a8e46d&phone=37060000000&return=xml&timestamp=1409887191
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>  
<response>  
<time_in>2014-08-29 11:07:43</time_in>  
<description>descr</description>  
</response>
```

11.

Adding a template

Server address for requests: https://sms4.tcg.lt/external/get/add_template.php

It is necessary to specify in the request five obligatory parameters: **login**, **signature**, **name**, **text**, **timestamp**

login - Your login
signature - signature
name - Template name
text - Template text
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/add_template.php?login=YourLogin&signature=af1c14a612f3821b9157d11694474666&name=test22&text=testttt 1321321231321&timestamp=1409887191
```

There is a sixth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/add_template.php?login=YourLogin&signature=af1c14a612f3821b9157d11694474666&name=test22&text=testttt 1321321231321&timestamp=1409887191&return=json
```

Response example:

```
{"id" : "4419373"}
```

Request example:

```
https://sms4.tcg.lt/external/get/add_template.php?login=YourLogin&signature=af1c14a612f3821b9157d11694474666&name=test22&text=testttt 1321321231321&timestamp=1409887191&return=xml
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<id>4419374</id>
</response>
```

Request for templates list

Server address for requests: <https://sms4.tcg.lt/external/get/template.php>

It is necessary to specify in the request three obligatory parameters **login**, **signature**, **timestamp**

login - Your login

signature - signature

Request example:

```
https://sms4.tcg.lt/external/get/template.php?login=YourLogin&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191
```

There is a fifth optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/template.php?login=YourLogin&signature=9c054d94188c573d85deec99b66418b7&return=json&timestamp=1409887191
```

Response example:

```
{"test" : {"template":"text", "up_time":"2014-08-28 15:22:25"}, "test22" : {"template":"testtt 1321321231321", "up_time":"2014-08-28 15:39:07"}}
```

Request example:

```
https://sms4.tcg.lt/external/get/template.php?login=YourLogin&signature=9c054d94188c573d85deec99b66418b7&return=xml&timestamp=1409887191
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
<response>
<templates>
<template name="test" template="text" up_time="2014-08-28 15:22:25" />
<template name="test22" template="testtt 1321321231321" up_time="2014-08-28 15:39:07" />
</templates>
</response>
```

13.

HLR request

Server address for requests: <https://sms4.tcg.lt/external/get/hlr.php>

It is necessary to specify in the request four obligatory parameters **login**, **phone**, **signature** and **timestamp**

login - Your login

signature - signature

phone - one or several numbers separated by commas, but no more than 100 numbers in the request

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/hlr.php?login=YourLogin&phone=37060000000&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191
```

Request example:

```
https://sms4.tcg.lt/external/get/hlr.php?login=YourLogin&phone=37060000000&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191&return=json
```

Request example:

```
https://sms4.tcg.lt/external/get/hlr.php?login=YourLogin&phone=37060000000&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191&return=xml
```

Statistics of HLR requests

Server address for requests: https://sms4.tcg.lt/external/get/hlr_stat.php

It is necessary to specify in the request five obligatory parameters **login**, **from**, **to**, **signature** and **timestamp**

login - Your login

signature - signature

from - date of start in the format YYYY-MM-DD

to - date of end in the format YYYY-MM-DD

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/hlr_stat.php?login=YourLogin&from=2014-04-06&to=2014-05-06&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191
```

Request example:

```
https://sms4.tcg.lt/external/get/hlr_stat.php?login=YourLogin&from=2014-04-06&to=2014-05-06&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191&return=json
```

Request example:

```
https://sms4.tcg.lt/external/get/hlr_stat.php?login=YourLogin&from=2014-04-06&to=2014-05-06&signature=9c054d94188c573d85deec99b66418b7&timestamp=1409887191&return=xml
```

Mobile Operator Query

Server address for requests: <https://sms4.tcg.lt/external/get/operator.php>

It is necessary to specify in the request four obligatory parameters **login**, **signature**, **timestamp** and **phone**

login - Your login
signature - signature
phone - Phone number
text - Text of SMS message
timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/operator.php?login=YourLogin&signature=4297ab0aaa6e2e0d542a0581124eebe7&timestamp=1459330317&phone=37060000000
```

There is a five optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/operator.php?login=YourLogin&signature=b2c2e5cbf56046f964ea708e5ce19cd3&timestamp=1459330317&return=json&phone=37060000000
```

Response example:

```
{"currency": "USD", "error": 0, "mcc": "000", "mnc": "00", "ok": true, "operator": "AT&T", "phone": "1XXXXXXXXX", "ported": 0, "price": 0.65, "regionCode": 0, "timeZone": 0}
```

Request for incoming SMS

Server address for requests: <https://sms4.tcg.lt/external/get/incoming.php>

It is necessary to specify in the request four or five obligatory parameters **login**, **signature**, **date** OR (**from** AND **to**), **timestamp**

login - Your login

signature - signature

date - date in the format YYYY-MM-DD

from - date of start in the format YYYY-MM-DD HH:II:SS (Example: 2014-05-01 14:06:00)

to - date of end in the format YYYY-MM-DD HH:II:SS (Example: 2014-05-30 23:59:59)

timestamp - UTC Timestamp

(You can use «date» parameter OR «from» AND «to» parameters all together, if three of them are used simultaneously, then the system will automatically select «date» parameter by default)

Request example:

```
https://sms4.tcg.lt/external/get/incoming.php?login=sms_site&signature=720d4d1fcaca9ee230b8e967d116b247&timestamp=1474970708&date=2016-09-27
```

There is a optional parameter **return** that can be one of two values: json, xml

Request example:

```
https://sms4.tcg.lt/external/get/incoming.php?login=sms_site&signature=720d4d1fcaca9ee230b8e967d116b247&timestamp=1474970708&return=json&date=2016-09-27
```

Response example:

```
{{"5597" : {"date":"2014-10-27 05:47:24", "sender":"37065951141", "prefix":"51632", "text":"51632 TEST"}}
```

Request example:

```
https://sms4.tcg.lt/external/get/incoming.php?login=sms_site&signature=720d4d1fcaca9ee230b8e967d116b247&timestamp=1474970708&return=xml&date=2016-09-27
```

Response example:

```
<?xml version="1.0" encoding="utf-8"?>
  <response>
    <sms
      id_sms="5597"
      date="2014-10-27 05:47:24"
      sender="37065951141"
      prefix="51632"
      text="51632 TEST"
    />
```

```
</response>
```

Prices request

Server address for requests: <https://sms4.tcg.lt/external/get/prices.php>

It is necessary to specify in the request three obligatory parameters **login**, **signature** and **timestamp**

login - Your login

signature - signature

timestamp - UTC Timestamp

Request example:

```
https://sms4.tcg.lt/external/get/prices.php?login=YourLogin&signature=a1cc14b73d9428ac96455906cf25f893&timestamp=1459330450
```

Response example:

```
{"25099": {"NETWORK_NAME": "BEELINE", "COUNTRY": "RUSSIAN FEDERATION", "PRICE": "0.65", "CURRENCY": "RUB"}, "25001": {"NETWORK_NAME": "MTS", "COUNTRY": "RUSSIAN FEDERATION", "PRICE": "0.65", "CURRENCY": "RUB"}, "25002": {"NETWORK_NAME": "MEGAFON", "COUNTRY": "RUSSIAN FEDERATION", "PRICE": "0.65", "CURRENCY": "RUB"}, "25020": {"NETWORK_NAME": "TELE2", "COUNTRY": "RUSSIAN FEDERATION", "PRICE": "0.65", "CURRENCY": "RUB"}}
```

Error codes

- 000 - Service unavailable
- 1 - Signature not specified
- 2 - Login not specified
- 3 - Text not specified
- 4 - Phone number not specified
- 5 - Sender not specified
- 6 - Invalid signature
- 7 - Invalid login
- 8 - Invalid sender name
- 9 - Sender name not registered
- 10 - Sender name not approved
- 11 - There are forbidden words in the text
- 12 - Error in SMS sending
- 13 - Phone number is in the stop list. SMS sending to this number is forbidden.
- 14 - There are more than 50 numbers in the request
- 15 - List not specified
- 16 - Invalid phone number
- 17 - SMS ID not specified
- 18 - Status not obtained
- 19 - Empty response
- 20 - The number already exists
- 21 - No name
- 22 - Template already exists
- 23 - Month not specifies (Format: YYYY-MM)
- 24 - Timestamp not specified
- 25 - Error in access to the list
- 26 - There are no numbers in the list
- 27 - No valid numbers
- 28 - Date of start not specified (Format: YYYY-MM-DD)
- 29 - Date of end not specified (Format: YYYY-MM-DD)
- 30 - No date (format: YYYY-MM-DD)
- 31 - Closing direction to the user
- 32 - Not enough money

19. Asynchronous delivery reports

To receive delivery reports asynchronously you have to implement an http server at your side. Please setup this URL in your web account.

The URL should handle GET request as follows: <http://your.host.com/dlr?message-id={message-id}&state={state}>

- **message-id** id string returned to you when you sent the message
- **state** delivery state, it is a number 0..9. Please use the table below to interpret the state code.

Message State	Value	Type	Description
SCHEDULED	0	Intermediate	The message is scheduled. Delivery has not yet been initiated. A message submitted with a scheduled delivery time may return this state when queried. This value was added for V5.0 of SMPP and V3.4 and earlier MCs are likely to return ENROUTE for scheduled messages.
ENROUTE	1	Intermediate	The message is in enroute state. This is a general state used to describe a message as being active within the MC. The message may be in retry or dispatched to a mobile network for delivery to the mobile.
DELIVERED	2	Final	Message is delivered to destination The message has been delivered to the destination. No further deliveries will occur.
EXPIRED	3	Final	Message validity period has expired. The message has failed to be delivered within its validity period and/or retry period. No further delivery attempts will be made.
DELETED	4	Final	Message has been deleted. The message has been cancelled or deleted from the MC. No further delivery attempts will take place.
UNDELIVERABLE	5	Final	Message is undeliverable. The message has encountered a delivery error and is deemed permanently undeliverable. No further delivery attempts will be made. Certain network or MC internal errors result in the permanent non-delivery of a message. Examples of such errors would be an unknown subscriber or network error that indicated that the given destination mobile was denied SMS service or could not support SMS.
ACCEPTED	6	Final	Message is in accepted state (i.e. has been manually read on behalf of the subscriber by customer service) This state is used to depict intervention on the MC side. Sometimes a malformed message can cause a mobile to power-off or experience problems. The result is that all messages to that mobile may remain queued until the problem message is removed or expires. In certain circumstances, a mobile network support service or administrator may manually accept a message to prevent further deliveries and allow other queued messages to be delivered.
UNKNOWN	7	N/A	Message is in invalid state The message state is unknown. This may be due to some internal MC problem which may be intermediate or a permanent. This state should never be returned. A MC experiencing difficulties that prevents it from returning a message state, would use this state.
REJECTED	8	Final	Message is in a rejected state The message has been rejected by a delivery interface. The reasons for this rejection are vendor and network specific. No further delivery attempts will be made
SKIPPED	9	Final	The message was accepted but not transmitted or broadcast on the network. A skipped message is one that was deliberately ignored according to vendor or

Message State	Value	Type	Description
			network-specific rules. No further delivery attempts will be made.