

# **Intensio SMS API**

sms sending interface

# OVERVIEW

This document describes the procedure and workings of the interface which allows you to integrate a system for sms sending.

Sms sending is made with a HTTP GET request which allows you to implement the system in a very simple way. The request can be executed with a simple URL request with an array of parameters which are required for the request to be successful.

Package sms sending is made with HTTP POST request. The request can be executed with posting xml file on a simple URL. With package method we can send up to 50 messages per request.

A registered account is required on [www.advert2you.com](http://www.advert2you.com) to enable you to use the api.

## URL structure

The URL requires **5 mandatory** parameters which validate the users account and the sms he is sending.

**http://api.advert2you.com/Sms.aspx + parameters**

The names of the parameters and the values of parameters are case sensitive!  
All parameter values must be url encoded!

Url example:

```
http://api.advert2you.com/Sms.aspx?sUserName=User01&sPassword=Password123
&sMsg=Hello+how+are+you!&sTo=38640556655&sFrom=38640998899&date=1995
1231T235812
```

## URL input parameters

Parameter	Parameter name	Description	Parameter value example
sUserName	Username	Username(case sensitive)	Example: Uporabnik01
sPassword	Password	Password(case sensitive)	Example: Geslo123
sMsg	Message	The message can be no less than 1 and no more than 480(max. 3 sms each 160 char. long) characters long(url encoded)	Example: Hello how are you! Url encoded: Hello+how+are+you!
sTo	Reciever number	The number is in international format without the '+' prefix (you can use 00 prefix)	Example: 38640556655 or 0038640556655
sFrom	Sender number or title	The number is in international format without the '+' prefix (you can use 00 prefix)	Example: Advert2You or 38640998899 or 0038640998899
date (optional)	Date to send (date must be in CET timezone)	Format: YYYYMMDDThhmmss	Example: 20121030T140715

<b>Mandatory</b>
<b>Optional</b>

## ***Request validation***

After every HTTP GET request the system returns the id of the sms in the GUID format which is unique for every single sms.

**Example of the returned sms id:**

```
<msgid>8673263D-FB30-4A2E-BDED-AAE691C0A777</msgid>
```

In case the request is not successful , an error id is returned.

## ***Error validation***

In case of a bad requests due to wrong url paramteres you will recieve an error id in the following form:

**Return error id value:**

```
<error>1</error>
```

## ***Error List***

<b>Error id</b>	<b>Error name</b>	<b>Description</b>	<b>Returned value:</b>
1	Error in user validation	Wrong username or password!(case sensitive)	<error>1</error>
2	The message is to long or empty	The message can be no more than 480 characters long and must not be empty.	<error>2</error>
3	The sender number is not formed correctly or is empty	The sender number is not formed correctly or is empty	<error>3</error>
4	The recievers number is not formed correctly or is empty	The recievers number is not formed correctly or is empty	<error>4</error>
5	Server error	In some cases it happens that an internal server error occures.	<error>5</error>
6	The user doesnt have enough credit	The user doesnt have enough credit	<error>6</error>
7	The number of the sender is not registered	You have to have a number registered in advert2you.(it doesnt have to be registered if you use a title	<error>7</error>

		instead of a number)	
10	Date is not in correct format (it is optional paramter)	Date must be in this format: YYYYMMDDThhmmss	<error>10</error>

## ***Package XML sending structure***

The URL requires **2 mandatory** parameters which validate the users account. The sms that you are sending are defined in xml that you POST to our link with HTTP POST request.

You can send up to maximal 50 messages in one package.

**http://api.advert2you.com/SendPackage.aspx + parameters**

The names of the parameters and the values of parameters are case sensitive!  
All parameter values must be url encoded!

**Url example:**

http://api.advert2you.com/SendPackage.aspx?**sUserName=User01&sPassword=Pass**  
**word123**

## ***URL input parameters***

Parameter	Parameter name	Description	Parameter value example
sUserName	Username	Username(case sensitive)	Example: Uporabnik01
sPassword	Password	Password(case sensitive)	Example: Geslo123

<b>Mandatory</b>
<b>Optional</b>

## ***XML Structure***

You send us xml with HTTP POST in next format:

```
<?xml version="1.0" ?>
<package>
  <message>
    <sender>sender</sender>
    <receiver>receiverphonenumber</receiver>
    <message>some text</message>
    <date>date to send</date>
```

```

</message>
...
...
</package>

```

**Example of the xml that you post:**

```

<?xml version="1.0" ?>
<package>
  <message>
    <sender>38651357100</sender>
    <receiver>38651357100</receiver>
    <message>some text</message>
    <date>20121030T083405</date>
  </message>
  <message>
    <sender>Intensio</sender>
    <receiver>38651357100</receiver>
    <message>some text</message>
  </message>
</package>

```

### ***XML input parameters***

Parameter	Parameter name	Description	Parameter value example
sender	Sender number or title	The number is in international format without the '+' prefix (you can use 00 prefix)	Example: Advert2You or 38640998899 or 0038640998899
receiver	Receiver number	The number is in international format without the '+' prefix (you can use 00 prefix)	Example: 38640556655 or 0038640556655
message	Message text	The message can be no less than 1 and no more than 480(max. 3 sms each 160 char. long) characters long.	Example: Hello how are you!
date (optional)	Date to send (CET time zone)	Date must be in this format: YYYYMMDDThhmmss	Example: 20120630T080715

### ***Request validation***

After every HTTP POST request the system returns the sms id's in the GUID format which is unique for every single sms.

**Example of the returned id's for every sms in that package:**

```
<?xml version="1.0" ?>
<package>
  <smsid>8673263D-FB30-4A2E-BDED-AAE691C0A777</smsid>
  <smsid>3254563A-CD30-7A3C-BTEG-AVE937C0A789</smsid>
</package>
```

In case the request is not succesfull , an error id is returned.

### ***Error validation***

In case of a bad requests due to wrong url paramteres or bad xml format you will recieve an error id in the following form:

**Return error id value:**

```
<error>1</error>
```

### ***Error List***

<b>Error id</b>	<b>Error name</b>	<b>Description</b>	<b>Returned value:</b>
1	Error in user validation	Wrong username or password!(case sensitive)	<error>1</error>
2	The message is to long or empty	The message can be no more than 480 characters long and must not be empty.	<error>2</error>
3	The sender number is not formed correctly or is empty	The sender number is not formed correctly or is empty	<error>3</error>
4	The recievers number is not formed correctly or is empty	The recievers number is not formed correctly or is empty	<error>4</error>
5	Server error	In some cases it happens that an internal server error occures.	<error>5</error>
6	The user doesnt have enough credit	The user doesnt have enough credit	<error>6</error>
7	The number of the sender is not registered	You have to have a number registered in advert2you.(it doesnt have to be registered if you use a title instead of a number)	<error>7</error>
8	Wrong or none xml	The structure of xml is wrong or you call our	<error>8</error>

		link without POSTing xml.	
9	More than 50 messages in package	You can send maximum 50 messages in one request.	<error>9</error>
10	Date is not in correct format (it is optional paramter)	Date must be in this format: YYYYMMDDThhmmss	<error>10</error>

## ***Receiving Delivery Reports***

Build a simple website which will be able to get delivery reports through QueryString.

You will receive 2 parameters through QueryString on your page:

ID – sms id of the message

Status – delivery report which we get from the operator

Your URL will be called this way:

[yoururl]?id=[smsid]&status=[status]

### **Example:**

<http://advert2you.com/?id=CD30-7A3C-BTEG-AVE937C0A789&status=DELIVERD>

Please let us know your URL together with your email address (email address with which you are registered on [www.advert2you.com](http://www.advert2you.com)) on our email: [aljaz@intensio.si](mailto:aljaz@intensio.si)

## ***Get Credit***

Get your credit returned by simply calling our link.

The names of the parameters and the values of parameters are case sensitive!  
All parameter values must be url encoded!

Url Example:

<a href="http://api.advert2you.com/GetCredit.aspx?sUserName=User01&amp;sPassword=Password123">http://api.advert2you.com/GetCredit.aspx?sUserName=User01&amp;sPassword=Password123</a>
---

**Example of the returned credit:**



```
<?xml version="1.0" ?>  
<credits>  
  <credit>0.52</credit>  
  <smsleft>13</smsleft>  
  <smsto>Slovenia</smsto>  
</credits>
```