SMSPC.net
GATEWAY

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Introduction

The smspc.net gateway allows the user to send messages through the gateway without having to use the send form that appears in the http://www.smspc.net website.

The communication with the costumer will not be made through no API provided by the Company, but through a HTTP communication, with some parameters to the indicated URL. This process will be detailed below, with a PHP example of how to implement it.

TECHNICAL GATEWAY

SMS Sending Request

In order to send SMS through smspc.net gateway, the costumer will send us a request to our website (indicated below), using some parameters (text to send, telephone number, sender, etc.), and we will return a confirmation answer in case everything has gone well, or in case there has been an error.

Below there is a complete detail of the available configuration options, the URL where you must call, and the parameters allowed.

In order to generate a URL, the costumer must make a GET calling to the following website:

http://extern.nrs-group.com/send_multisms.php

Taking in account some parameters:

- **msg**: message text. Maximum 160 characters and will only admit the specific symbols which appear in the chart in Annex C)
- **phone**: sender's cell phone number. You must include prefix (Ej: 34666666666;34666666667;34666666668). This parameter allows multiple destinations to be indicated, to do this you have to separate the telephone numbers with the semicolon character.
- **remit** : Receiver's Text (optional), this tag will consist of 12 numbers and 11 alphanumeric characters
- **user**: Costumer's code (cell phone number registered in smspc.net).
- **pass**: Costumer's password in smspc.net
- **country:** ISO code of the country of the phone number, (Ex: For Spain is 'es').
- **cancel**: Order code you want to cancel ,you get this code when you order.
- **sending_data**: the date of shipping when you want program, the format of date is yyyy-mm-dd hh-mm-ss.

The password (pass) and the costumer's code (user) are the ones that correspond to the data registered in the register form (the costumer's code is the cell phone number which must be indicated in order to enter smspc.net website). In order to increase the system's safety, the costumer will be asked to indicate the IP address from where he will connect, messages will only be sent from the IP address specified by the costumer.

As seen below, the answer that the gateway returns after a SMS send request will have the following syntax:

OK|<code>|<message>
KO|<code>|<message>
Where:

- <code>: Code (confirmation 00) or error returned by the gateway (See Annex A)
- <message>: Message confirmation or error returned by the gateway (See Annex A)

Example of correct calling:

http://extern.nrs-group.com/send_multisms.php?user=34666555444&pass=mipas&phone=34658745454;34659345234&msg=Hello&country=es

Show sending status Request

In order to see status of shipment SMS through smspc.net gateway, the costumer will send us a request to our website (indicated below), using some parameters (date from, date to), and we will return a confirmation answer in case everything has gone well, or in case there has been an error.

Below there is a complete detail of the available configuration options, the URL where you must call, and the parameters allowed.

In order to generate a URL, the costumer must make a GET calling to the following website:

http://extern.nrs-group.com/get_sent_status.php

Taking in account some parameters:

- **user**: Costumer's code (cell phone number registered in smspc.net).
- **pass**: Costumer's password in smspc.net
- **from**: the date 'from' of shipping when you want see, the format of date is yyyy-mm-dd hh-mm-ss.

- **to**: the date 'to' of shipping when you want see, the format of date is yyyy-mm-dd hh-mm-ss. This is optional, if you not put to, the script take the current date.

The password (pass) and the costumer's code (user) are the ones that correspond to the data registered in the register form (the costumer's code is the cell phone number which must be indicated in order to enter smspc.net website). In order to increase the system's safety, the costumer will be asked to indicate the IP address from where he will connect, messages will only be sent from the IP address specified by the costumer.

As seen below, the answer that the gateway returns after a SMS send request will have the following syntax:

Phone|date|remit|status|message
KO|<code>|<message>
Where:

- <code>: Code (confirmation 00) or error returned by the gateway (See Annex A)

- <message>: the message only have the first 10 chars

Example of correct calling:
http://extern.nrs-group.com/get_sent_status.php?user=34666555444&pass=mipas&from=20101123101223&to=20101201111223

ANNEX A: Answer Code

On the following chart we detail the relationship between the possible answer codes which the gateway returns and the explaining messages associated. You must take in account that de code 00 means confirmation (success) and the remaining codes mean error. In this chart you may see easily the origin of the error:

Answer Code	Answer Message
00	Acknowledged (delivery confirmed)
01	Delivery failure
02	Delivery not permitted/possible
03	Destination is detached (switched off)
04	Destination is not responding
05	Error at destination
06	Memory full at destination
07	Unknown destination
08	Credits Account Number unavailable
09	Not enough account credits
10	User Required
11	Password Required
12	Phone Required
13	Text Required
14	Invalid User
15	Invalid Password
16	Invalid Country
17	you can not program shipping in past
18	This order does not exist or you are not owner
19	You can not cancel shipping in past
20	Some messages could not be programmed
21	Some messages could not be canceled
22	

Annex B: Allowed Characters

VALOR (ASCII)	URL encode
*	%2a
+	%2b
,	%2c
-	%2d
.	%2e
/	%2f
:	%3a
;	%3b
<	%3c
=	%3d
>	%3e
?	%3f
¿	%bf
£	%a3
¤	%a4
¥	%a5
SP	%20
!	%21
"	%22
#	%23
$	%24
%	%25
&	%26
'	%27
(	%28
)	%29
0	%30
1	%31

VALOR (ASCII)	URL encode
2	%32
3	%33
4	%34
5	%35
6	%36
7	%37
8	%38
9	%39
@	%40
A	%41
B	%42
C	%43
D	%44
E	%45
F	%46
G	%47
H	%48
I	%49
J	%4a
K	%4b
L	%4c
M	%4d
N	%4e
Ñ	%d1
O	%4f
P	%50
Q	%51
R	%52

VALOR (ASCII)	URL encode
S	%53
T	%54
U	%55
V	%56
W	%57
X	%58
Y	%59
Z	%5a
a	%61
b	%62
c	%63
d	%64
e	%65
f	%66
g	%67
h	%68
i	%69
j	%6a
k	%6b
l	%6c
m	%6d
n	%6e
ñ	%f1
o	%6f
p	%70
q	%71
r	%72
s	%73

VALOR (ASCII)	URL encode
t	%74
u	%75
v	%76
w	%77
x	%78
y	%79
z	%7a
§	%a7
Ä	%c4
Å	%c5
Æ	%c6
É	%c9
Ö	%d6
Ø	%d8
Ü	%dc
ß	%df
à	%e0
ä	%e4
å	%e5
æ	%e6
ç	%e7
è	%e8
é	%e9
ì	%ec
ò	%f2
ö	%f6
ø	%f8
ù	%f9
ü	%fc