SERGEL Simple HTTP API

Locations

This interface can be reached at three different URLs which are connected to the Internet via different ISPs.

We recommend that you implement your program to use the HTTPS X automatically since this is load balanced to the other to URLs and will rout your requests to one of the locations even if the other is down for maintenance.

Protocol	URL
HTTPS X	https://wsx.sp247.net/smscsimplehttp/

How to send SMS

Parameters

Perform a POST to any URL in chapter 4 with the following parameters:

Parameter	**Data type**	**Description**
ServiceId	Integer	This is the serviceId which is used for authentication. This is provided by Support.
Username	String	This is the username which is used for authentication. This is provided by Support.
Password	String	This is the password which is used for authentication. This is provided by Support.
Source	String	This is the source number from where the message should be sent. Usage allows full international numbers (+46732594084), short numbers (72401) or text (Sergel).
Destination	String	This is the destination number.
Userdata	String	This is the message itself. GSM default alphabet encoded messages has no maximum length. Note that Extended GSM characters need 2 bytes for one character.

UserdataHeader	String	This value may be specified when sending concatenated SMS. More information about valid UDH for long SMS may be given by support upon request.
ReferenceId	String	For premium SMS. Use id of incoming SMS here.
Tariff	String	For premium SMS. To charge 10 SEK use tariff SEK1000. Set to null or SEK0 for bulk messages.
Vat	Double	Vat for premium SMS. 0.0 means no Vat, 25.0 a Vat of 25%.
ChargeOnly	String	Set to true for a silent charging without any SMS sent, otherwise false.
Async	String	True for asynchronous call, initial status will be Queued (1005) for a successful call.

Returns

Response will contain a message with a result code, result description and a message id if successful separated with ";", i.e. resultCode;resultDescription;messageId.

Name	Data type	Description
resultCode	Integer	The result code. See Result Codes for more information.
resultDescription	String	This is the textual description for the result code.
messageId	String	This is the unique messageId that will appear in the delivery report and should be referred to when sending questions to support.

Result codes

These are the result codes that may appear in resultCode.

Code	Description	Recommended action
0	Unknown error	Retry, if multiple failures occur contact content-support@sergel.com
1	Temporary routing error	Retry
2	Permanent routing error	
3	Maximum throttling exceeded	Retry
100	Service not found	Contact content-support@sergel.com for login credentials
101	User not found	Contact content-support@sergel.com for login credentials
102	Account not found	Contact content-support@sergel.com for login credentials
103	Invalid password	Contact content-support@sergel.com for login credentials
1000	Sent	Ok submission of SMS to operator. MessageId will now be present in answer.

1001	Delivered	
1002	Expired	
1003	Deleted	
1004	Mobile full	
1005	Queued	For asynchronous calls, MessageId will be present in answer.
1006	Not delivered	
2000	Invalid source number	
2001	Short number is not supported as source	
2002	Alpha is not supported as source	
2003	MSISDN is not supported as source number	
2100	Short number is not supported as destination	
2101	Alpha is not supported as destination	
2102	MSISDN is not supported as destination	
2103	Operation blocked	
2104	Unknown subscriber	
2105	Destination blocked	
2106	Number error	
2200	Charging error	
2201	Subscriber has low balance	
3000	GSM encoding is not supported	
3001	UCS2 encoding is not supported	
4000	Delivery report is not supported	
4001	Invalid message content	
4002	Invalid tariff	
4003	Invalid user data	
4004	Invalid user data header	
4005	Invalid data coding	
4006	Invalid VAT	
4007	Unsupported content for destination	

Default Alphabet

The default GSM alphabet is the alphabet that will be used when specifying DCS 0 (default DCS).

The following characters will use 1 byte per character.

Unicode (hex)	Character
0040	@
00a3	£
0024	$
00a5	¥
00e8	è
00e9	é
00f9	ù
00ec	ì
00f2	ò
00c7	Ç
000a	<LINE FEED>
00d8	Ø
00f8	ø
000d	<CARRIAGE RETURN>

00c5	Å
00e5	å
0394	Δ
005f	_
03a6	Φ
0393	Γ
039b	Λ
03a9	Ω
03a0	Π
03a8	Ψ
03a3	Σ
0398	Θ
039e	Ξ
00c6	Æ

00e6	æ
00df	ß
00c9	É
0020	<SPACE>
0021	!
0022	"
0023	#
00a4	¤
0025	%
0026	&
0027	'
0028	(
0029	)
002a	*
002b	+
002c	,
002d	-
002e	.

002f	/
0030	0
0031	1
0032	2
0033	3
0034	4
0035	5
0036	6
0037	7
0038	8
0039	9
003a	:
003b	;

003c	<
003d	=
003e	>
003f	?
00a1	¡
0041	A
0042	B
0043	C
0044	D
0045	E
0046	F
0047	G
0048	H
0049	I
004a	J
004b	K
004c	L
004d	M
004e	N

004f	O
0050	P
0051	Q
0052	R
0053	S
0054	T
0055	U
0056	V
0057	W
0058	X
0059	Y
005a	Z

00c4	Ä
00c5	Å
00d6	Ö
00d1	Ñ
00dc	Ü
00a7	§
00bf	¿
0061	a
0062	b
0063	c
0064	d
0065	e
0066	f
0067	g
0068	h
0069	i
006a	j
006b	k
006c	l
006d	m
006e	n
006f	o
0070	p
0071	q
0072	r
0073	s
0074	t
0075	u
0076	v
0077	w
0078	x

0079	y
007a	z
00e4	ä
00e5	å
00f6	ö
00f1	ñ
00fc	ü
00e0	à

Extended GSM Characters

Unicode (hex)	Character
000c	<FORM FEED>
005e	^
007b	{
007d	}
005c	\
005b	[
007e	~
005d	]
007c	|
20ac	€

Example POST

http://wsx.sp247.net/smscsimplehttp?ServiceId=12&Username=sim&Password=m9LfXw&Source=Sergel&Userdata=Testar%20ett%20meddelande&Destination=%2B46735964545

Use your own credentials and phonenumber