



## SMS-MT SMPP API (3.4)

### Requirements

The type of SMPP connection is provided by our Platform for customers who need to send large volumes of messages. You must have a Client-SMPP to connect to our SMPP-Server.

You must inform us from which IPs (maximum of 5) you will communicate with our SMPP Server. With that, we can release them on our firewall, as well as configure them on the Platform and generate their connection credentials.

### Connection

Supported PDU methods

*bind\_transmitter(\_resp), bind\_transceiver(\_resp) e unbind(\_resp)*

Parameters

HostName	IP informed by the Platform
Port	Number provided by the Platform
SSL	Do not use
system_id	Number provided by the Platform
password	“Token Gateways” (Access your Dashboard in Settings> Integration Data)
service_type	“” (NULL) or service_type: “CMT” (Cellular Messaging)
addr_ton	0 (Unknown) or 1 (International)
addr_npi	0 (Unknown)



## Send

### Supported PDU methods

*submit\_sm(\_resp) e submit\_sm\_multi(\_resp) . Os métodos (\_resp) retornam os campos `sequence_number` e `message_id`*

*Note: Asynchronous submit is supported*

### Parameters

source_addr_ton	Required	0 (Unknown)
source_addr_npi	Required	0 (Unknown)
source_addr	Required	Client choice
dest_addr_ton	Required	0 (Unknown) or 1 (International)
dest_addr_npi	Required	0 (Unknown) or 1 (ISDN (E163/E164))
destination_addr	Required	CCCCAAANNNNNNNNNN, Example Brazil: 552178787676 where 55 = country, 21 = area, 78787676 = mobile number
service_type	Required	"" (NULL) or service_type: "CMT" (Cellular Messaging)
data_coding	Required	SMSC Default Alphabet, Octet unspecified (8-bit binary), Latin 1 (ISO-8859-1), UCS2 (ISO/IEC-10646), IA5 (CCITT T.50)/ASCII (ANSI X3.4)
submit_mode	Required	short-message or payload
additional_status_info_text	Optional	Represents the Client's "Auxiliary Code". Maximum length of 20 characters
user_message_reference	Optional	User defined message id for your control (UserMessageId). Up to 40 characters in length
sar_msg_ref_num	Optional	Message reference number (Integer, 2 Octets)



sar_total_segments	Optional	Total number of segments to be sent (Integer, 1 Octet)
sar_segment_seqnum	Optional	Sequence number of the message in total (Integer, 1 Octet)

*In the LMS (Long Message Service - Concatenated Messages) sending mode, the text message must have a maximum of 160 characters in each segment sent and a maximum of 70 characters in the case of UNICODE.*

*Outra forma de enviar mensagens longas é com a utilização do parâmetro submit\_mode = payload Neste caso os parâmetros opcionais sar\_msg\_ref\_num, sar\_total\_segments e sar\_segment\_seqnum assim como a fragmentação da mensagem a cada 160 caracteres, serão automaticamente definidos pelo SMPPClient.*

## **Release Notes**

The PDU methods enquire\_link and enquire\_link\_resp are supported, originating in the SMPP-Client, with a recommended time between 55 to 57 seconds.

The query\_sm and query\_sm\_resp PDU methods are not supported, and the customer must use the Callback-SMS-MT (HTTP GET) function to receive the status changes of messages.