



INTRODUCTION

The Short Message Peer to Peer (SMPP) protocol is an open industry standard messaging protocol designed to simplify integration of data applications with wireless mobile networks. The SmsRoutes SMPP API offers an SMPP server connection with the SmsRoutes gateway using our standard authentication system and error codes. We are currently supporting SMPP 3.4 .

Please read the SMPP 3.4 specification available from www.smsforum.net .This documents only contains information on how to use SMPP in connection to SmsRoute smpp server.

TERMINOLOGY

Mobile originated (MO): A message sent (originating) from a mobile handset to an application via SmsRoutes.

Mobile terminated (MT): A message sent from an application to (terminating on) a mobile handset via SmsRoutes.

Customer: A registered SmsRoutes customer utilising the SmsRoutes API for message delivery and receipt.

Sender ID: The “from” address that appears on the user’s handset. Also known as the originating number, MSISDN or originator ID

Destination address: This is the number to which the mobile user sent the message. *Source address:* The number of the handset to which the message must be delivered.



SUPPORTED PDU'S

We support the following Protocol Description Units (PDU's)

<u>Client To Server</u>	<u>Server to Client</u>
bind_transmitter	bind_transmitter_resp
bind_receiver	bind_receiver_resp
submit_sm	submit_sm_resp
enquire_link	enquire_link_resp
query_sm	query_sm_resp
deliver_sm_resp	deliver_sm
cancel_sm	Cancel_sm_resp

AUTHENTICATION:

Your system_id and password are the same as your standard SmsRoutes account username and password. You must set your system_type to be the API ID of your SMPP account.

Parameter Name	Description	Restrictions
system_id	Your SmsRoutes account username	Central
password	Your SmsRoutes account password	Central A maximum of 8 characters. See SMPP specification for more information
system_type	The system_type of SMPP	



sub-product you created*

TON AND NPI :

DESTINATION ADDRESS : Please configure the following

DESTINATION_ADDR_TON = 1

DESTINATION_ADDR_NPI=1

SOURCE ADDRESS : Please configure the following

FOR ALPHA SENDER ID :

SOURCE_ADDR_TON = 5

SOURCE_ADDR_NPI=1

FOR NUMERIC SENDER ID :

SOURCE_ADDR_TON = 1

SOURCE_ADDR_NPI=1



SMPP - API

ENQUIRE LINK :

Please set your **enquire_link** requests to 60 seconds.

OPEN SOURCE :

You can download open source smpp client from following :

www.kannel.org

www.logica.com

SUPPORT :

Please contact us at support@smsroutes.com for any technical query.