SMS Country *SMS Gateway Connectivity – SMPP*

SMPP - Short Message Peer to Peer

SMPP is an open standard industry messaging designed protocol to simplify the integration of all data applications with wireless mobile networks/operators such as CDMA, TDMA, GSM and PDC. This protocol is widely deployed in the mobile Telecommunications industry.

SMSCountry supports connections via SMPP Protocol using the global SMPP 3.3 / 3.4 standard. Please visit www.smsforum.net for the SMPP 3.3 and SMPP 3.4 specifications. Using this connectivity, a client can send large volumes of SMS messages per month reliably. We offer exhaustive message reports, balance information and more through a web interface

Feautures

Integrate SMSCountry's SMPP API into your Software/ Application and you will be able to send:

Automated Text SMS: Using this feature you can satisfy your customers with quick transfer of information. This tool is of great help to deliver automated text SMS regarding Doctor Appointment Reminders, Payment Notifications, Shipment Delivery Messages, Bank Transactions over and above a limit set by the customer etc.

Language SMS: Send SMS in the language of your choice be it Arabic, Chinese, Urdu, Hindi, Spanish, French, Greek, Russian etc.

WAP Push SMS: This feature enables you to send an SMS that contains a link on an internet which can take your Customer to MMS-Content on your Web Server. He/she can visit a web page, download a software, etc. just by clicking the URL in the mobile.

Ring tones: Ring tones can be a value added feature for your site, especially if you are owner of an entertainment website. With SMS Country's HTTP API you can automatically do this rather than doing it manually.

Picture messages: Picture messages are small images that can be used on mobile phones as a background image or screensaver. Small black and white picture messages can be sent through SMS. Colored picture messages cannot be sent using SMS because they have huge size.

Logos: You can send your own logo, which the mobile user can use as a background image or screensaver. This way you can easily create brand awareness that too in the customer's personal space i.e. his/her Mobile. If you are a corporate head you can ask your employees to keep your company logo on their mobiles.

Flash SMS: Flash SMS appears on the recipient's mobile but won't get stored in the Inbox, unless he or she saves. The user will benefit by just having a look at the information he/she wants, and there is no question of user inconvenience. This can be used for advertising purposes for example: opening of your new branch, your company reaching a land mark achievement etc.

Setting Up An SMPP Account

SMSCountry looks at a minimum volume commitment from the client in order to maintain a live SMPP connectivity account. Also, the client needs to undergo a SMPP compliance test as per parameters set by our technical team before one can get the SMPP connectivity.

Appendix A: Error codes

The following list of error messages are generated by the SMS COUNTRY gateway during a validation phasebefore we accept the message. These error messages are sent back to your application. There will be no message charge if these errors are generated when sending a message. Data regarding messages that do not pass initial validation will not be included in your SMS COUNTRYCentral reports.

SMPP Error Code	Hex Value	Description
SMPP_ESME_ROK	0x00000000	No Error
SMPP_ESME_RINVMSGLEN	0x00000001	Message Length is invalid
SMPP_ESME_RINVCMDLEN	0x00000002	Command Length is invalid
SMPP_ESME_RINVCMDID	0x00000003	Invalid Command ID
SMPP_ESME_RINVBNDSTS	0x00000004	Incorrect BIND Status for a given command
SMPP_ESME_RALYNBD	0x00000005	ESME Already in Bound State
SMPP_ESME_RINVREGDLVFLG	0x00000007	Invalid Registered Delivery Flag
SMPP_ESME_RSYSERR	0x00000008	System Error
SMPP_ESME_RINVSRCADR	0x0000000A	Invalid Source Address
SMPP_ESME_RINVDSTADR	0x0000000B	Invalid Destination Address
SMPP_ESME_RINVMSGID	0x0000000C	Message ID is invalid
SMPP_ESME_RBINDFAIL	0x0000000D	Bind Failed
SMPP_ESME_RINVPASWD	0x0000000E	Invalid Password
SMPP_ESME_RINVSYSID	0x0000000F	Invalid System ID

SMPP_ESME_RMSGQFUL	0x00000014	Message Queue Full
SMPP_ESME_RINVESMCLASS	0x00000043	Invalid esm_class field data
SMPP_ESME_RINVSRCTON	0x00000048	Invalid Source address TON
SMPP_ESME_RINVSYSTYP	0x00000053	Invalid system_type field
SMPP_ESME_RTHROTTLED	0x00000058	Throttling error (ESME has exceeded allowed message limits)
SMPP_ESME_RINVSCHED	0x00000061	Invalid Scheduled Delivery Time
SMPP_ESME_RINVEXPIRY	0x00000062	Invalid message validity period (Expiry Time)
SMPP_ESME_RX_T_APPN	0x00000064	ESME Receiver Temporary APP Error Code
SMPP_ESME_RX_P_APPN	0x00000065	ESME Receiver Permanent APP Error Code
SMPP_ESME_RX_R_APPN	0x00000066	ESME Receiver Reject Message Error Code
SMPP_ESME_ROPTPARNOTALLWD	0x000000C1	Optional Parameter not allowed
SMPP_ESME_RINVPARLEN	0x000000C2	Invalid Parameter Length
SMPP_ESME_RUNKNOWNERR	0x000000FF	Unknown Error
SMPP_ESME_ROUTERR	0x00000400	Can refer to any one of the following: Cannot route message/ routing error * Number Delisted Number Blocked