BUSYBEE

BrandTXT Technical Documentation HTTP Application and Programming Interface SMPP Specifications

Introduction

This document provides developers with instructions for integrating SMS messaging services into various solutions using BUSYBEE HTTP application programming interface (HTTP API). BUSYBEE HTTP API can be used for sending SMS messages, collecting delivery reports, making Network Query (NQ) requests and receiving inbound SMS messages sent from mobile phones. Along with BUSYBEE HTTP API specifications, this documentation also provides BUSYBEE SMPP specifications, including connection to BUSYBEE SMPP server, bind options and specifications for sending number context requests over SMPP. The first chapter thoroughly describes

BUSYBEE HTTP API methods, describing methods, URLs and parameters needed as well as providing practical samples.

The following API methods are available:

- Send messages using HTTP, XML and Plain methods are available
- Collect delivery reports – collect XML-formatted delivery reports for sent SMS messages
- Network Query (NQ) - enables the identification of the network that a mobile phone number belongs to, and the status of a mobile number; includes asynchronous and synchronous number context requests over HTTP
- Receive messages using HTTP GET – collect SMS messages sent by your customers' GSM phones

BUSYBEE ACCESS SMS PORTAL

cloud.mybusybee.net

- The second chapter describes general BUSYBEE SMPP specifications which can be used by your
- applications/solutions. Also, it describes how to send number context requests over SMPP protocol,
- providing samples of delivery reports which contain IMSI, as well as a number of optional parameters
- depending on your client package.

Your Configuration is as follows:

GROUP	SMSC
smsc	smpp
smsc-id	Your SMSC ID
host	cloud.mybusybee.net
port	2775
smsc-username	_YOUR_REGISTERED_USERNAME_
smsc-password	_YOUR_PASSWORD_
system-type	SMPP
source-addr-ton	0
dest-addr-ton	0
dest-addr-npi	0
allowed-smsc-id	YOUR SMSC ID
transceiver-mode	TRUE

HTTP API

http://cloud.mybusybee.net/app/smsapi/index.php?key=< API Key >&type=text&contacts=< Contact No.(s) >&senderid=< Sender ID >&msg=< SMS Text >&time=< Schedule Time >

API Key: *YOUR GENERATED API KEY*

Contact No.(s): Contact numbers separated by ','(Comma) sign. Enter N digit mobile numbers e.g. '69XXXXXX,67XXXXXX,68XXXXXX' ,Max 1000 Contacts

Sender ID: Approved Sender ID.

SMS Text: Url-encoded SMS text. Must be limited to 740 characters.

For Long Message

urlencode(html_entity_decode($smstext,ENT_QUOTES,"UTF-8"));

GET CREDIT BALANCE

http://cloud.mybusybee.net/app/miscapi/< API Key >/getBalance/true/

DELIVERY REPORTS API

http://cloud.mybusybee.net/app/miscapi/< API Key >/getDLR/< SMS Shoot ID >

SMS Shoot ID: Enter the SMS ID returned when submitted SMS via API. It will return an array having mobile numbers and their DLR status.

API Key Retrieval

http://cloud.mybusybee.net/app/getkey/< Username >/< Password >/

SEND SMS USING XML API

Post Endpoint: https://cloud.mybusybee.net/app/smsXmlApi

```
<?xml version='1.0' encoding='utf-8' ?>
    <message>
      <key>YOUR API KEY</key>
      <to>CONTACT NUMBER</to>
      <senderid>SENDER_ID</senderid>
      <text>Hello World!</text>
      <type>text</type>
      <datetime></datetime>
      <time_zone>Asia/Manila</time_zone>
    </message>
```

Description of Response Parameters:

To: Phone number message was sent to.

MessageID: Unique ID assigned to this message by Clockwork. Every successful message will have a message ID, you will need this ID to match up delivery receipts. **<STRING>**

ClientID: Your Client ID, passed back for your reference only. This field is only supplied if the Client ID was specified in the request. **<STRING>**

ErrNo: The API Error Code. This parameter will only be populated if an error occurred sending the message. **<STRING>**

ErrDesc: A text description of the API error code. **<STRING>**

Below table illustrates possible error responses and their meaning.

0.0	Invalid API key or out of credits
ERR:2101	Invalid username and password
ERR:2017	Invalid API Key

SEND SMS USING PHP

To send an outgoing SMS message from your Brandtxt account, you'll need to make an HTTP POST to Brandtxt Message resource.

FORM.PHP

```
<form method="post" action="send.php">
Message <textarea name="message"></textarea>
<br>
Mobile Number: <input type="text" name="mobile" value="">
<input type="submit" name="sendSMS" value="Send">
</form>
```

SEND.PHP

```
<?php
If(isset($_POST['sendSMS'])){
$message = $_POST['message'];
$webAPIKey = "YOUR API KEY";
$senderID= "YOUR APPROVED SENDER ID";
$recipient=$_POST['mobile'];
function sendSingleSMS($recipient, $senderID, $message, $webAPIKey){
$messageLongsms=urlencode($message);
$sendSMS =
file_get_contents("http://cloud.mybusybee.net/app/smsapi/index.php?key=$webAPIKey&type=text&contacts=$recipient&senderid=$senderID&msg=".$messageLongsms");
return $sendSMS;
 }
// send sms
sendSingleSMS($recipient, $senderID, $message, $webAPIKey);
echo 'message successfully sent';

}
?>
```

ERROR CODE:

Below table illustrates possible error responses and their meaning.

0.0	Invalid API key or out of credits
ERR:2101	Invalid username and password
ERR:2017	Invalid API Key

Questions?

Visit **support.mybusybee.net** and chat with our customer representative.