



Technical documentation

API Specification V1.1.4

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1. Introduction

This technical documentation contains details for developers who wish to integrate our services into their own applications. It gives detailed explanation of how to use our API through HTTP protocol.

Accessing our API through HTTP protocol is one of the best, fastest and reliable ways.

To use this API, you need to have an account, you can register at (<http://txtplaza.pshc.uk/member/showsignupForm>). When you sign up, you can set your API password, it has to be different from your account password for additional security. You can also specify which IP address can access the API.

Our API can be contacted by either HTTP POST or GET, although both methods are available, we recommend using POST method for larger data transfer.

Please note that all parameters are case sensitive.

2. Getting started

In order to use our API, you need an account, after creating your account, start configuring the API to be able to access it. Please follow these steps to get started:

Step 1. Creating your account

- Go to <http://txtplaza.pshc.uk/member/showsignupForm> .
- Enter your information to complete the form.
- Read our Terms & conditions and be sure you accept them before creating your account.
- Click on “Register” button.

Step 2. Configuring the API

- When you access your account, please click on “API Access” from your account menu.
- In the form shown, please choose an API password which has to be different from your account password for additional security. You can set the allowed IP address which can connect to our API using your login details. If you don't want to specify an IP address, please leave that field blank.
- Click on “Submit” button.

3. Connecting to the API

Please using the following URL to connect to our API:

<http://api.txtplaza.pshc.uk>

Our API accepts both HTTP POST and GET methods. Although both methods are available, we recommend using POST method for larger data transfer.

4. Commands

Commands submitted to our API contains many parameters. All parameters are case sensitive.

Request and response are sent in XML format.

For all commands, you need to pass the following parameters:

- **username:** This is your account username, it is passed for authentication purposes.
- **password:** This is your API password you set through your account. Please note that your API password is different from your account password. You can always change your API password from your account under “API access” link.
- **action:** Is the command you need to execute.

Response you receive from the API would be as below:

The “status” would be either “success” when command is executed successfully, or it would return the error message.

```
<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>COMMAND</action>
  <status>STATUS</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>
```

4.1 Account commands

4.1.1 memberLogin

Use this command to check if username & password are correct for the account. Please note that the password passed to our API should be the API password and not the account password.

Parameters:

username: Your account username.

password: Your API password.

action: memberLogin

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>memberLogin</action>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully and the username & password combination is correct.

API will return the account details as shown below:

name: showing the name of account owner.

email: email address associated with the account.

balance: is current account balance.

smsBalance: current SMS balance.

voipBalance: current VoIP balance.

lastLoginTime: last time account is accessed through our website.

lastLoginIP: last IP used to login to your account through our website.

loginEmail: is the email address which will be notified when your account is accessed through our website.


```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>memberLogin</action>
  <status>success</status>
  <member>
    <name>NAME</name>
    <email>EMAIL</email>
    <balance>BALANCE</balance>
    <smsBalance>SMSBALANCE</smsBalance>
    <voipBalance>VOIPBALANCE</voipBalance>
    <lastLoginTime>LASTLOGINTIME</lastLoginTime>
    <lastLoginIP>LASTLOGINIP</lastLoginIP>
    <loginEmail>LOGINEMAIL</loginEmail>
  </member>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API or username & password are invalid.

You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
Invalid_username	The username contains invalid characters.
invalid_client_ip	The IP address calling the API is not allowed to make calls, you can update this IP from your account under "API Access".
account_suspended	Your account is currently suspended, please contact us.
account_not_verified	Your account is not verified yet, please follow instructions in the email you received when you signed up on how to verify your account.

4.2 SMS commands

4.2.1 smsSend

Use this command to send an SMS.

Parameters:

username: Your account username.

password: Your API password.

action : smsSend

sender: The sender address that should appear in the message. Max Length is 15 if only numeric and 11 if Alphanumeric.

destination: Mobile numbers you want to send message to. It must include country code without the leading + or 00. Maximum allowed destinations per single API request is 1000.

text: The message to send. For concatenated (long) messages, message will be counted as one message for every 153 characters for plain text and 67 characters for unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

messageType: Can be 1 for plain text, 2 for unicode messages, 3 for flash, and 4 for wap push.

scheduled: To schedule the message to be sent in specific time, set to 1 for scheduled messages (*Optional*).

scheduleDate: Date of scheduled message in YYYY-MM-DD format e.g. 2014-11-30. Use if “scheduled” is 1.

scheduleTime: Time of scheduled message in UTC time, use 24-hours format e.g. 08:20:00. Use if “scheduled” is 1.

Example XML request:

```

<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsSend</action>
  <message>
    <sender>SENDER</sender>
    <destination>
      <number>DESTINATION1</number>
      <number>DESTINATION2</number>
    </destination>
    <text>MESSAGETEXT</text>
    <messageType>MESSAGETYPE</messageType>
  </message>
  <scheduled>SCHEDULE</scheduled>
  <scheduleDate>SCHEDULEDATE</scheduleDate>
  <scheduleTime>SCHEDULETIME</scheduleTime>
</request>

```

Response from API:**a) Command is executed successfully:**

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

price: The total price of send messages

message: The message you sent.

numbersCount: The number of destinations.

numbers: The numbers which message is sent to, this will include message ID, destination and price of the message for each destination.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsSend</action>
  <price>TOTALPRICE</price>
  <message>MESSAGE</message>
  <numbersCount>COUNTOFNUMBER</numbersCount>
  <numbers>
    <message0>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message0>
    <message1>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message1>
  </numbers>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API .
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_destination	You didn't send a valid destination or destination is not covered by your account.
max_destination_exceeded	Number of destinations exceeded the maximum allowed per single API request.
empty_sender	The sender is empty.
invalid_sender	The sender contains invalid characters.
reserved_sender	The sender is reserved by other user.
empty_text	The message text is empty.
empty_messageType	The message type is empty.
invalid_messageType	Value of message type is incorrect.
invalid_schedule	Value of schedule is incorrect, set to 1 to schedule a message.
empty_scheduleDate	For scheduled messages, date is empty.
empty_scheduleTime	For scheduled messages, time is empty.
schedule_time_past	The time passed is in the past, schedule time should be in the future.
long_text	The message text is longer than accepted value.
empty_number	This error arises when no number is supplied while sending a business card.
cannot_get_price_route_list	System error, please contact support.
system_error_umb	System error, please contact support.

error_balance	You don't have enough balance to send messages.
cannot_send_msg	Message cannot be sent now, please try again.

4.2.2 smsQuery

This command is used to query the status of a message.

Parameters:

username: Your account username.

password: Your API password.

action: smsQuery

messageID: Message ID received when message is sent.

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsQuery</action>
  <messageID>MESSAGEID</messageID>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

deliveryStatus: Status of the message.

```
<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsQuery</action>
  <deliveryStatus>STATUS</deliveryStatus>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>
```

Values of deliveryStatus:

Status	Description
001	Message queued.
002	Delivered to gateway.
003	Delivered to handset.
004	Message delayed, will be re-queued.
005	Message expired before delivery.
006	Message cancelled.
007	Error with the message, maybe due to its content.
008	Routing error.
009	Cannot be delivered.
010	Cannot get status.

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API.
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_messageID	Message ID is empty.
cannot_get_message_details	System error, please contact support.
cannot_get_message_status	Cannot get message status at the moment, please try again.

***HTTP Push:**

You can set the delivery report URL through your account, under My services.

This will allow you to update your database as soon as we are notified from the operator with the new status of the message.

The URL of the client should look like “http://www.site.com/page”.
Our system will send the parameters to your page using GET method.

Parameters:

destination: The destination of the message.

messageID: Message ID.

deliveryStatus: Current status of the message.

date: Current date.

time: Current time.

secretCode: This is the secret code you set under your account to allow your application verify that our API is contacting it.

Values of “deliveryStatus” are listed in the table on page 14.

4.2.3 smsScheduled

This command is used to show the messages received in your inbox.

Parameters:

username: Your account username.

password: Your API password.

action: smsInbox

resultCount: Number of message to show.

dateStart: Along with “dateEnd” limits the result to certain period of time. e.g. 2014-01-01 (*Optional*).

dateEnd: End date. e.g. 2014-01-01 (*Optional*).

unread: Set it to “yes” to show only unread messages(*Optional*).

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsInbox</action>
  <resultCount>NUMBER</resultCount>
  <dateStart>DATE</dateStart>
  <dateEnd>DATE</dateEnd>
  <unread>yes</unread>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

messages: A list of messages in your inbox.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsInbox</action>
  <messages>
    <message0>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message0>
    <message1>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message1>
  </messages>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API.
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_resultCount	Result count is empty.
invalid_resultCount	Result count should be numeric.
cannot_get_details	Cannot get messages at the moment, please try again.
no_messages	No messages found in your inbox.

4.2.4 smsscheduledDel

This command is used to show the messages received in your inbox.

Parameters:

username: Your account username.

password: Your API password.

action: smsInbox

resultCount: Number of message to show.

dateStart: Along with “dateEnd” limits the result to certain period of time. e.g. 2014-01-01 (*Optional*).

dateEnd: End date. e.g. 2014-01-01 (*Optional*).

unread: Set it to “yes” to show only unread messages(*Optional*).

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsInbox</action>
  <resultCount>NUMBER</resultCount>
  <dateStart>DATE</dateStart>
  <dateEnd>DATE</dateEnd>
  <unread>yes</unread>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

messages: A list of messages in your inbox.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsInbox</action>
  <messages>
    <message0>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message0>
    <message1>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message1>
  </messages>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API.
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_resultCount	Result count is empty.
invalid_resultCount	Result count should be numeric.
cannot_get_details	Cannot get messages at the moment, please try again.
no_messages	No messages found in your inbox.

4.2.5 smsInbox

This command is used to show the messages received in your inbox.

Parameters:

username: Your account username.

password: Your API password.

action: smsInbox

resultCount: Number of message to show.

dateStart: Along with “dateEnd” limits the result to certain period of time. e.g. 2014-01-01 (*Optional*).

dateEnd: End date. e.g. 2014-01-01 (*Optional*).

unread: Set it to “yes” to show only unread messages(*Optional*).

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsInbox</action>
  <resultCount>NUMBER</resultCount>
  <dateStart>DATE</dateStart>
  <dateEnd>DATE</dateEnd>
  <unread>yes</unread>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

messages: A list of messages in your inbox.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsInbox</action>
  <messages>
    <message0>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message0>
    <message1>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message1>
  </messages>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API.
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_resultCount	Result count is empty.
invalid_resultCount	Result count should be numeric.
cannot_get_details	Cannot get messages at the moment, please try again.
no_messages	No messages found in your inbox.

***HTTP Push:**

You can set the 2 way messages URL and email through your account, under My services.

This will allow you to update your database as soon as messages are received on your number.

The URL of the client should look like “http://www.site.com/page”. Our system will send the parameters to your page using GET method.

If you choose to receive the message by email, our system will send you an email containing the message details.

Parameters:

sender: The sender of the message.

receivingNumber: The number to which message is sent.

message: The message.

date: Current date.

time: Current time.

secretCode: This is the secret code you set under your account to allow your application verify that our API is contacting it.

4.2.6 smsinboxDelete

This command is used to show the messages received in your inbox.

Parameters:

username: Your account username.

password: Your API password.

action: smsInbox

resultCount: Number of message to show.

dateStart: Along with “dateEnd” limits the result to certain period of time. e.g. 2014-01-01 (*Optional*).

dateEnd: End date. e.g. 2014-01-01 (*Optional*).

unread: Set it to “yes” to show only unread messages(*Optional*).

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsInbox</action>
  <resultCount>NUMBER</resultCount>
  <dateStart>DATE</dateStart>
  <dateEnd>DATE</dateEnd>
  <unread>yes</unread>
</request>
```

Response from API:

a) Command is executed successfully:

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

messages: A list of messages in your inbox.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsInbox</action>
  <messages>
    <message0>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message0>
    <message1>
      <receiving_number>NUMBER</receiving_number>
      <sender>SENDER</sender>
      <message>MESSAGE</message>
      <date>DATE</date>
      <time>TIME</time>
    </message1>
  </messages>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API. You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_resultCount	Result count is empty.
invalid_resultCount	Result count should be numeric.
cannot_get_details	Cannot get messages at the moment, please try again.
no_messages	No messages found in your inbox.

4.2.7 smsinNumbers

Use this command to send an SMS.

Parameters:

username: Your account username.

password: Your API password.

action : smsSend

sender: The sender address that should appear in the message. Max Length of 18 if only numeric and 11 if Alphanumeric.

destination: Mobile numbers you want to send message to. It must include country code without the leading + or 00.

text: The message to send. For concatenated (long) messages, message will be counted as one message for every 153 characters for plain text and 67 characters for unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

messageType: Can be 1 for plain text, 2 for unicode messages, 3 for flash and 4 for wap push.

Example XML request:

```
<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsinNumbers</action>
  <>SENDER</sender>
  <text>MESSAGETEXT</text>
  <messageType>MESSAGETYPE</messageType>
</request>
```

Response from API:**a) Command is executed successfully:**

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

price: The total price of send messages

message: The message you sent.

numbersCount: The number of destinations.

numbers: The numbers which message is sent to, this will include message ID, destination and price of the message for each destination.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsSend</action>
  <price>TOTALPRICE</price>
  <message>MESSAGE</message>
  <numbersCount>COUNTOFNUMBER</numbersCount>
  <numbers>
    <message0>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message0>
    <message1>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message1>
  </numbers>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API .
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_destination	You didn't send a valid destination.
empty_sender	The sender is empty.
invalid_sender	The sender contains invalid characters.
empty_text	The message text is empty.
empty_messageType	The message type is empty.
invalid_messageType	Value of message type is incorrect.
long_text	The message text is longer than accepted value.
empty_number	This error arises when no number is supplied while sending a business card.
cannot_get_price_list	System error, please contact support.
cannot_get_routes	System error, please contact support.
system_error_umb	System error, please contact support.
error_balance	You don't have enough balance to send messages.
cannot_send_msg	Message cannot be sent now, please try again.

4.2.8 smsinupdateSettings

Use this command to send an SMS.

Parameters:

username: Your account username.

password: Your API password.

action : smsSend

sender: The sender address that should appear in the message. Max Length of 18 if only numeric and 11 if Alphanumeric.

destination: Mobile numbers you want to send message to. It must include country code without the leading + or 00.

text: The message to send. For concatenated (long) messages, message will be counted as one message for every 153 characters for plain text and 67 characters for unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

messageType: Can be 1 for plain text, 2 for unicode messages, 3 for flash and 4 for wap push.

Example XML request:

```

<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsSend</action>
  <message>
    <sender>SENDER</sender>
    <destination>
      <number>DESTINATION1</number>
      <number>DESTINATION2</number>
    </destination>
    <text>MESSAGETEXT</text>
    <messageType>MESSAGETYPE</messageType>
  </message>
</request>

```

Response from API:**a) Command is executed successfully:**

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

price: The total price of send messages

message: The message you sent.

numbersCount: The number of destinations.

numbers: The numbers which message is sent to, this will include message ID, destination and price of the message for each destination.


```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsSend</action>
  <price>TOTALPRICE</price>
  <message>MESSAGE</message>
  <numbersCount>COUNTOFNUMBER</numbersCount>
  <numbers>
    <message0>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message0>
    <message1>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message1>
  </numbers>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API .
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_destination	You didn't send a valid destination.
empty_sender	The sender is empty.
invalid_sender	The sender contains invalid characters.
empty_text	The message text is empty.
empty_messageType	The message type is empty.
invalid_messageType	Value of message type is incorrect.
long_text	The message text is longer than accepted value.
empty_number	This error arises when no number is supplied while sending a business card.
cannot_get_price_list	System error, please contact support.
cannot_get_routes	System error, please contact support.
system_error_umb	System error, please contact support.
error_balance	You don't have enough balance to send messages.
cannot_send_msg	Message cannot be sent now, please try again.

4.2.9 smsSettings

Use this command to send an SMS.

Parameters:

username: Your account username.

password: Your API password.

action : smsSend

sender: The sender address that should appear in the message. Max Length of 18 if only numeric and 11 if Alphanumeric.

destination: Mobile numbers you want to send message to. It must include country code without the leading + or 00.

text: The message to send. For concatenated (long) messages, message will be counted as one message for every 153 characters for plain text and 67 characters for unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

messageType: Can be 1 for plain text, 2 for unicode messages, 3 for flash and 4 for wap push.

Example XML request:

```

<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsSend</action>
  <message>
    <sender>SENDER</sender>
    <destination>
      <number>DESTINATION1</number>
      <number>DESTINATION2</number>
    </destination>
    <text>MESSAGETEXT</text>
    <messageType>MESSAGETYPE</messageType>
  </message>
</request>

```

Response from API:**a) Command is executed successfully:**

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

price: The total price of send messages

message: The message you sent.

numbersCount: The number of destinations.

numbers: The numbers which message is sent to, this will include message ID, destination and price of the message for each destination.

```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsSend</action>
  <price>TOTALPRICE</price>
  <message>MESSAGE</message>
  <numbersCount>COUNTOFNUMBER</numbersCount>
  <numbers>
    <message0>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message0>
    <message1>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message1>
  </numbers>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.pshc.uk</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API .
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_destination	You didn't send a valid destination.
empty_sender	The sender is empty.
invalid_sender	The sender contains invalid characters.
empty_text	The message text is empty.
empty_messageType	The message type is empty.
invalid_messageType	Value of message type is incorrect.
long_text	The message text is longer than accepted value.
empty_number	This error arises when no number is supplied while sending a business card.
cannot_get_price_list	System error, please contact support.
cannot_get_routes	System error, please contact support.
system_error_umb	System error, please contact support.
error_balance	You don't have enough balance to send messages.
cannot_send_msg	Message cannot be sent now, please try again.

4.2.10 smsupdateSettings

Use this command to send an SMS.

Parameters:

username: Your account username.

password: Your API password.

action : smsSend

sender: The sender address that should appear in the message. Max Length of 18 if only numeric and 11 if Alphanumeric.

destination: Mobile numbers you want to send message to. It must include country code without the leading + or 00.

text: The message to send. For concatenated (long) messages, message will be counted as one message for every 153 characters for plain text and 67 characters for unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

messageType: Can be 1 for plain text, 2 for unicode messages, 3 for flash and 4 for wap push.

Example XML request:

```

<request>
  <authentication>
    <username>USERNAME</username>
    <password>PASSWORD</password>
  </authentication>
  <action>smsSend</action>
  <message>
    <sender>SENDER</sender>
    <destination>
      <number>DESTINATION1</number>
      <number>DESTINATION2</number>
    </destination>
    <text>MESSAGETEXT</text>
    <messageType>MESSAGETYPE</messageType>
  </message>
</request>

```

Response from API:**a) Command is executed successfully:**

You will receive status “success” when command is executed successfully.

API will return the details as shown below:

price: The total price of send messages

message: The message you sent.

numbersCount: The number of destinations.

numbers: The numbers which message is sent to, this will include message ID, destination and price of the message for each destination.


```

<?xml version="1.0"?>
<response>
  <authentication>
    <username>USERNAME</username>
  </authentication>
  <action>smsSend</action>
  <price>TOTALPRICE</price>
  <message>MESSAGE</message>
  <numbersCount>COUNTOFNUMBER</numbersCount>
  <numbers>
    <message0>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message0>
    <message1>
      <messageID>MESSAGEID</messageID>
      <number>DESTINATION</number>
      <price>PRICEFORNUMBER</price>
    </message1>
  </numbers>
  <status>success</status>
  <server>
    <name>TXTPlaza API</name>
    <url>http://api.txtplaza.com</url>
  </server>
</response>

```

b) An error has occurred while executing the command:

An error would occur due to invalid parameters passed to the API .
You will receive the status indicating the exact error message.

Error messages that may be returned:

Status	Description
empty_destination	You didn't send a valid destination.
empty_sender	The sender is empty.
invalid_sender	The sender contains invalid characters.
empty_text	The message text is empty.
empty_messageType	The message type is empty.
invalid_messageType	Value of message type is incorrect.
long_text	The message text is longer than accepted value.
empty_number	This error arises when no number is supplied while sending a business card.
cannot_get_price_list	System error, please contact support.
cannot_get_routes	System error, please contact support.
system_error_umb	System error, please contact support.
error_balance	You don't have enough balance to send messages.
cannot_send_msg	Message cannot be sent now, please try again.