Introduction:

Do you need a Short Message Service (SMS) within your applications?

Mobily.ws offers a SMS Gateway service "**SMS API**", that allows you easily connect Send-SMS service with your applications, websites, or any kind of systems that you may have, regardless the programming language that have been used to developed it. Our SMS APIs have many distinctive features; it's secure, highly reliable, and can be connected to your system by your programming team according to your data and specifications. Our SMS APIs are simple URLs that you can call directly through a HTTP/HTTPS protocols

Before we Begin!

1. It's important that you have few programming skills, before you begin dealing with our APIs.
2. Testing cost nothing, because we offer free points when you open a new account.
3. If you want to try Send-SMS API, we advise you to send scheduled SMS, so you can check if they reached "Scheduled SMS Archive" in your Mobily.ws account, after that you can delete the SMS, and you will get your points back.
4. When you send SMS through API, mobile numbers that will receive the SMS **must be** in international format without 00 or symbol (+).
5. You can specify a "Sender Name" for your SMS, it's must be defined by Mobily.ws and mobile telecommunications companies "later in this tutorial we will explain how to activate your mobile number as a Sender Name". Sender name **must be** consists of alphabets, digits, or both (without any special characters), in case of alphabets & digits the sender name length **must not** exceed 11 characters, in case of digits only "e.g. your mobile number" the sender name length **must not** exceed 12 digits.

Mobily.ws APIs Features:

Connecting to Mobily.ws API is simple & easy, you can do it using HTML forms, which will send the data as POST, or send data to API URL directly using Query String which will send the data as GET. If you want to send a large amount of data we recommend that you use the first method which is POST; because second method GET doesn't support sending a large amount of data.

When you connect to Mobily.ws API through HTTP/HTTPS protocols, the SMS data **must be** in the certain format as follow: Sender Name **must be** encoded using URL-Encoding and message text **must be** encrypted using Mobily.ws Unicode "you can found it with APIs files".

Important Note about Sender Name: to send SMS, you must use a defined sender name only, and must be used in the same format defined in your account, don't change the case of letters uppercase or lowercase and encode it with URL-Encoding before you using it.

Let's Begin:

In order to use mobily.ws API, you should have a Mobily.ws account; here is an explanation for the registration process, checking your current balance, and how to request a recharge for your balance through a "request recharge form" in Mobily.ws website.

1. Registration process:

You can register on Mobily.ws website through the following link: http://mobily.ws/sms/index.php, you'll get free points immediately, and then you can use your username & password to send SMS through our API.

2. Check your balance:

You can check your current balance from the website after you logged in to your account your balance will be shown in top of the "Send SMS Form", in this format e.g. 70/100, which means your current balance is 70 points out of 100 points, which is your total balance. Also you can check your balance through mobily.ws API balance, and it will be explained later in this tutorial.

Note: Points are deducted based on the length of sent messages, each point represents a message, and message length is calculated as follows:

1. Messages in English Letters (only): if the message length is 160 characters or less, only one point will be deducted from your account, if the length is more than 160 characters, then one point will be deducted for every 153 characters of the message.

2. Messages in Arabic Letters (only) or Arabic & English Letters: if the message length is 70 characters or less, only one point will be deducted, if the length is more than 160 characters, then one point will be deducted for every 67 characters of the message.

3. Balance Recharge:

After you login to your Mobily.ws account you can request recharging your balance, through request recharge form, you can access it through balance recharge tab located in the left side menu. Fill all the required data in the form and we will recharge your account within two hours at most, after we verification the deposit of the request recharge.

Mobily.ws SMS API provides a group of URLs that serving SMS service fully, such as check send status, activate sender name, change your password or retrieve it in case you lost it and send SMS of course. All APIs are URLs consists of three main parts which are as follows:

1. **The link of the process that you want to do.**
2. **Your mobile number and password.**
3. **The required parameters of the process.**

Examples:
1. **http://www.mobily.ws/api/balance.php?mobile=966555555555&password=123456**
2. **http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=06270647064406270020064806330647064406270020062806430020064506390020006D006F00620069006C0079002E00770073&timeSend=0&dateSend=0&applicationType=68&domainName=mySite.com&msgId=15176**

Important Note: after preparing URL for the required service, use it in the address bar of you internet browser, a number will be shown, indicates the result of the service.

1. Check Send Status:

http://mobily.ws/api/sendStatus.php

This URL provides you with the ability to check the sending process status in Mobily.ws, so you know if you can send your SMS now or later.

1. **Request (Parameters)**
   - None.

2. Response (Results)
1: You can send SMS now.
If the URL returns otherwise or nothing this means that you can't send SMS now.

2. Change Password:

http://www.mobily.ws/api/changePassword.php

This URL provides you the ability to change your Mobily.ws account password:

1. Request (Parameters)
- mobile: your mobile number (or username), as registered in Mobily.ws.
- password: your old password, as registered in Mobily.ws.
- newPassword: your new password.

2. Response (Results)
1: Invalid mobile number (or invalid username).
2: Invalid old password.
3: Your password has been changed successfully.
4: Invalid new password.

Examples:
1. **http://www.mobily.ws/api/changePassword.php?mobile=966555555555&password=123456&newPassword=987654**
2. **http://www.mobily.ws/api/changePassword.php?mobile=966501111111&password=Efg1256&newPassword=Abc9854**

3. Forget Password

http://mobily.ws/api/forgetPassword.php

This URL provides you with the ability to retrieve your password back, in case you forget it.

1. Request (Parameters)
- mobile.
- type: 1 or 2, in case you send (1) the password will be sent to your mobile number, while (2) means that the password will be sent to your email "in this case you should have been specified your email in Personal Info page in your account".

2. Response (Results)
1: mobile number (or username) isn't registered.
2: email isn't registered.
3: The password has been sent to your mobile number successfully.
4: Your balance is not enough to send the password as SMS.
5: The password has been sent to your email successfully.
6: Your email is incorrect.
7: Your mobile number is incorrect.

Examples:
1. **http://www.mobily.ws/api/forgetPassword.php?mobile=966555555555&type=1**
2. **http://www.mobily.ws/api/forgetPassword.php?mobile=966501111111&type=2**

4. Check your Balance

http://mobily.ws/api/balance.php

This URL provides you with the ability to check your balance, in any time.

1. Request (Parameters)
- mobile.
- password.

2. Response (Results)

1: Invalid mobile number (or invalid username).

2: Invalid password.

<u>Otherwise:</u> your balance, for example: 70/100.

70 means that your current (available) balance is: 70 points.

100 means that your total (charged) balance is: 100 points.

Examples:

1. **http://www.mobily.ws/api/balance.php?mobile=966555555555&password=987654**
2. **http://www.mobily.ws/api/balance.php?mobile=966501111111&password=Abc9854**

5. Send SMS

http://mobily.ws/api/msgSend.php

This URL provides you with the ability to send SMS.

1. Request (Parameters)

- mobile.
- password.
- numbers: mobile number(s) that will receive the SMS, each number must be in international format, without 00 or symbol (+), and separated from each other by the symbol (,). If you send SMS through the SMS URL using GET method, in this case the maximum amount of numbers you can send each time is 120 numbers.
- sender: message sender.
  Note: If you sent to Saudi or UAE mobiles, sender name must be defined by Mobily.ws and mobile telecommunications companies.
- msg: SMS message text, you can pass it as its in case your system character set is UTF-8, otherwise you have to encode the message to Unicode using "convertToUnicode" function, which is in every APIs code examples in all programming languages we support.
- **Note:** we only support Arabic & English messages.
- lang: you must pass this parameter with value of 3, in case your system character set is UTF-8, and you have pass the message text as its, otherwise in case you encoded the message with "convertToUnicode", don't pass this parameter.
- dateSend: (optional) this parameter offers you the possibility to schedule sending process of the SMS to a certain date, it must be in the following format: mm/dd/yyyy.
  Note: in case you didn't provide this parameter or set its value to 0, SMS will be sent immediately, also if you set its value in past date or with wrong format, SMS will be sent immediately.
- timeSend: (optional) this parameter offers you the possibility to schedule sending process of SMS to a certain time, it must be in the following format hh:mm:ss.
  Notes:
  1. In case you didn't provide this parameter or set its value to 0, SMS will be sent immediately, also if you set its value in past time or with wrong format, SMS will be sent immediately.
  2. If you provide a dateSend without timeSend or timeSend=0, the SMS will be sent at 00:00:00 in the specified date.
  3. If you provide a dateSend as today with timeSend in the past, the SMS will be sent immediately.

- deleteKey: (optional) this parameter offers you the possibility to delete scheduled SMS through Delete-SMS-API before it's being sent by Mobily.ws. Each SMS must have a unique deleteKey value, because deleteKey will be connected with a certain SMS, the SMS that sent with it, so use a different deleteKey value with each scheduled SMS, because when using deleteKey through Delete-SMS-API all the scheduled SMS that have the same deleteKey, will be deleted.
- msgId: (optional) this parameter offers you the possibility to repeat sending the same SMS that have been sent before less than one hour; because Mobily.ws don't allow repeat sending the same SMS (same sender name, message text and numbers) until one hour from sending the first SMS, so if you want to repeat the same SMS in less than one hour you have to specify for msgId with the repeated SMS; and of course if you need to repeat the same SMS more than one time "in the same hour", specify a different value for msgId for each repeated SMS.
- applicationType: fixed parameter, its value must be 68, and must be passed with other parameters each time you use Send-SMS API to send a SMS. This parameter for statistical issues in Mobily.ws.
- domainName: (optional) this parameter allows you define the website name that SMS have sent from it.
- notRepeat: (optional) in case you sent this parameter with 1 as its value, Mobily.ws will delete the repeated mobiles numbers "if any" from the mobile numbers that will receive the SMS, before sending the SMS.

2. Response (Results)

1: SMS sent successfully.
2: Your balance is 0.
3: Your balance is not enough.
4: Invalid mobile number (or invalid username).
5: Invalid password.
6: SMS-API not responding, please try again.
13: Sender name is not accepted.
14: Sender name is not active from Mobily.ws and mobile telecommunications companies.
15: Mobile(s) number(s) is not specified or incorrect.
16: Sender name is not specified.
17: Message text is not specified or not encoded properly with Mobily.ws Unicode.
18: Sending SMS stopped from support.
19: applicationType is not specified or invalid.

Examples:

1. **Send SMS API, default parameters:**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006 C0079002E00770073&applicationType=68

2. **Send SMS API, all parameters:**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006 C0079002E00770073&timeSend=0&dateSend=0&deleteKey=45871&msgId=15174&applicationType=68&domainName=localhost&notRepeat=1

3. **Send SMS API with lang=3, default parameters:**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=Hello20%World&applicationType=68&lang=3

4. **Send Scheduled SMS, with Time & Date:**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW+SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006C0079002E00770073&timeSend=17:30:00&dateSend=12/30/2009&applicationType=68

5. **Using deleteKey, timeSend and dateSend to schedule a SMS then delete it using Delete-SMS API, the value of deleteKey will be 45871**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW+SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006C0079002E00770073&timeSend=17:30:00&dateSend=12/30/2009&deleteKey=45871&applicationType=68

6. **Send SMS API with delete repeated numbers:**
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555,966555555566,966555555566&sender=NEW%20SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006C0079002E00770073&applicationType=68&notRepeat=1

7. **Repeat sending the same SMS in the same hour, using parameter msgId**
   1st SMS:
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006C0079002E00770073&timeSend=0&dateSend=0&applicationType=68&msgId=15174

   2nd SMS:
   http://www.mobily.ws/api/msgSend.php?mobile=966555555555&password=123456&numbers=966555555555&sender=NEW%20SMS&msg=0627064706440627002006480633064706440627002006280643002006450639002000 6D006F00620069006C0079002E00770073&timeSend=0&dateSend=0&applicationType=68&msgId=15175

6. Send Formatted SMS

http://mobily.ws/api/msgSendWK.php

This URL provides you with the ability to send SMS Template with variables to diffident mobiles numbers; the API will generate one SMS to each mobile number according to its variable(s).

1. Parameters Definitions:

SMS Template: Hi (1), your subscription will ends on (2).

To send a Formatted SMS to a group of mobiles numbers, each number's variables must be defined, those variables will replacing (1) & (2), in the SMS that will be sent to the each mobile number, and you can include those variables, in the parameter: **msgKey**, like this:

msgKey = (1) ,*, name ,@, (2) ,*, name2 * "encoded it with Unicode Function".**

- (1), (2)…: the symbols where the values will be replaced with it.
- *: separate between the symbol and the value that will replace it.
- @: separate between each definition of the symbol and its value.
- ***: separate between each SMS definitions.

Eaxmple:

SMS Template: Hi (1), your subscription will ends on (2).

msgKey: (1) ,*, Ahmad ,@, (2) ,*, 31/12/2013 *** (1) ,*, Mohamed, @, (2) ,*, 01/11/2013

Mobiles numbers: the count of mobiles numbers must equal the count of messages in the msgKey, so we will use two mobiles numbers in this example, they are: 966505555555 & 966504444444.

The SMSs that will be sent, according to our example are:

SMS to 966505555555 will be: Hi Ahmad, your subscription will ends on 31/12/2013.

SMS to 966504444444will be: Hi Mohamed, your subscription will ends on 01/11/2013.

2. Request (Parameters)

- mobile.
- password.
- numbers.
- sender.
- msg: SMS message text, you can pass it as its in case your system character set is UTF-8, otherwise you have to encode the message to Unicode using "convertToUnicode" function, which is in every APIs code examples in all programming languages we support.
  Note: we only support Arabic & English messages.
- lang: you must pass this parameter with value of 3, in case your system character set is UTF-8, and you have pass the message text as its, otherwise in case you encoded the message with "convertToUnicode", don't pass this parameter.
- msgKey: set of values that will replacing the symbols in the SMS message text, pay attention that the symbols used here must match the symbols used in the SMS message text and the value's count for a single SMS must be equal to the symbols count in the SMS text, and the values sets count should equal the mobiles numbers count, as well as in message text you can pass this variable as its in case your system character set is UTF-8 ,otherwise you have to encode the test to Unicode using "convertToUnicode" function.
- dateSend: (optional).
- timeSend: (optional).

deleteKey: (optional).

3. Response (Results)

1: SMS sent successfully.
2: Your balance is 0.
3: Your balance is not enough.
4: Invalid mobile number (or invalid username).
5: Invalid password.
6: SMS-API not responding, please try again.
10: SMS counts don't match mobiles numbers count.
13: Sender name is not accepted.
15: Mobile(s) number(s) is not specified or incorrect.
16: Sender name is not specified.
17: Message text is not specified or not encoded properly with Mobily.ws Unicode.
18: Sending SMS stopped from support.
19: applicationType is not specified or invalid.

Example:

http://www.mobily.ws/api/msgSendWK.php?mobile=966555555555&password=123456&numbers=966444444444,966533333333,966522222222&sender=NEW%20SMS&msg=003F003F003F003F003F0020003F003F0020003F003F003F0020002800310029003F0020003F003F003F003F0020003F003F003F003F003F003F0020003F003F003F003F0020002800320029&dateSend=0&timeSend=0&msgKey=002800310029002C002A002C003F003F003F003F002C0040002C002800320029002C0020002A002C00310032002F00310030002F003200300030003800380038002C002A002A002A002C002800310029002C002A002C003F003F003F003F002C00400002C002800320029002C002A002C00310030002F00310030002F003200300030003800380038002C002A002A002A002C002800310029002C002A002C003F003F003F003F002C0040002C002800320029002C002A002C00300039002F00310030002F003200300030003000380&applicationType=68&domainName=localhost&msgId=15178

Example with lang=3:

http://www.mobily.ws/api/msgSendWK.php?mobile=966555555555&password=123456&numbers=966444444444,966533333333,966522222222&sender=NEW%20SMS&msg=Hi (1), your subscription will ends on (2)&dateSend=0&timeSend=0&msgKey=(1),*,Ahmad,@,(2),*,31/12/2013***(1),*,Mohamed,@,(2),*,01/11/2013&applicationType=68&domainName=localhost&msgId=15178&lang=3

7. Delete Messages

http://www.mobily.ws/api/deleteMsg.php

This URL provides you with the ability to delete schedule SMS, before its send time.

1. Request (Parameters)
- mobile.
- password.
- deleteKey: as defined with scheduled SMS.

2. Response (Results)

1: SMS deleted successfully.
2: Invalid mobile number (or invalid username).
3: Invalid password.
4: Invalid deleteKey.

Example:

http://www.mobily.ws/api/deleteMsg.php?mobile=966555555555&password=123456&deleteKey=45871

8. Request a license for mobile number as a sender name:

http://mobily.ws/api/addSender.php

This URL provides you with the ability to request a license for mobile number as a sender name, you should notice that the mobile number you used to register with Mobily.ws will be licensed as a sender name automatically, but if you need to use another mobile number as a sender name for your SMS, you should request a license for it, the new mobile number will be defined by Mobily.ws and telecommunications companies, this API will return a request number called senderId as #XXXX, and will sent a check code to the new mobile number, those information are important to the next API "activate mobile number as a sender name".

1. **Request (Parameters)**
   - mobile.
   - password.
   - sender: the mobile number you want to license as a sender name, it must be in international format without 00 or symbol (+).
2. **Response (Results)**
   1: Invalid mobile number (or invalid username).
   2: Invalid password.
   3: Invalid sender: mobile number is incorrect or can't be used as sender name.
   4: Mobile number is already defined.
   5: Your balance is not enough to send the check code.
   Otherwise: senderId e.g. #100 which will be used in the next API with the check code.

   Examples:
   http://www.mobily.ws/api/addSender.php?mobile=966555555555&password=123456&sender=966511111111

9. Activate mobile number as sender name

http://www.mobily.ws/api/activeSender.php

This URL provides you with the ability to activate a mobile number which was requested in the previous API "**Request a license for mobile number as a sender name**" as a sender name.

1. **Request (Parameters)**
   - mobile.
   - password.
   - senderId: the result from "Request a license for mobile number as a sender name" API, and should be used without the symbol '#'.
   - activeKey: the check code, which have been sent to mobile number that you want to license as a sender name.

2. **Response (Results)**
   1: Invalid mobile number (or invalid username).
   2: Invalid password.
   3: Mobile number activated as sender name successfully.
   4: Invalid activeKey.
   5: Invalid senderId.

   Examples:
   http://www.mobily.ws/api/activeSender.php?mobile=966555555555&password=123456&senderId=100&activeKey=9801

10. **Check sender name activation status**

http://www.mobily.ws/api/checkSender.php

This URL provides you with the ability to check the activation status of a mobile number as a sender name, you can use this API after using "**Activate mobile number as sender name**" API to confirm that the mobile number is activated as a sender name.

1. **Request (Parameters)**
   - mobile.
   - password.
   - senderId.

2. **Response (Results)**
   0: Mobile number is not activated.
   1: Mobile number activated.
   2: Mobile number is rejected.
   3: Invalid mobile number (or invalid username).
   4: Invalid password.
   5: Invalid senderId.

   Examples:
   http://www.mobily.ws/api/checkSender.php?**mobile=966555555555&password=123456&senderId=100**

Important notes for licensing a mobile number as a sender name:
1. You can use the activation process one time for each new mobile number, in case you request the same mobile number many times or provide a wrong data in the activation process many times, the mobile number will be blocked and can't be activated as a sender name, unless you contact our technical support team to check if you are the owner of the blocked mobile number, and then you can activated.

2. When a mobile number is licensed as a sender name, for example 966505555555, you can use it as a sender name in this form 0505555555, also it will appears in you Mobily.ws account in that form.

11. **Request a license for alphabets names as sender name**

http://www.mobily.ws/api/addAlphaSender.php

This URL provides you with the ability to activate alphabets names as a sender name

1. **Request (Parameters)**
   - mobile.
   - password.
   - sender: consists of alphabets, or alphabets & digits (without any special characters), and length **must not** exceed 11 characters.

2. **Response (Results)**
   1: Invalid mobile number (or invalid username).
   2: Invalid password.
   3: Sender name length is too large, must be less than 11 characters.
   4: Your request has been added successfully.

   Example:
   http://www.mobily.ws/api/addAlphaSender.php?**mobile=966555555555&password=123456&sender=myName123**

12. Check alphabets sender name activation status

http://www.mobily.ws/api/checkAlphasSender.php

This URL provides you with the ability to check the activation status of an alphabets sender name, also its will return all the senders' names activation status in your account.

1. **Request (Parameters)**
   - mobile.
   - password.

2. **Response (Results)**
   1: Invalid mobile number (or invalid username).
   2: Invalid password.
   Otherwise: [pending] [active] [notActive], which means:
   1. [pending]: contains all the senders names, which are waiting to be activated.
   2. [active]: contains all the active senders names, and can be used to send SMS.
   3. [notActive]: contains all the rejected senders names, and can't be used to send SMS.

   Example:
   http://www.mobily.ws/api/addAlphaSender.php**?mobile=966555555555&password=123456**

Technical Support

Mobily.ws ensures non-stop online SMS, in case you faced any problems sending SMS, the technical support team is available 24 hours. There are many solutions helping you solve your problems, and in case you want to talk directly to a technical support member, or open a ticket for technical support just go to this URL: http://mobily.ws/Support.html

Contact Us

Mobily.ws SMS Service always keeps you in touch with your customers, employees, and family, because sending SMS system at Mobily.ws operates around the clock, we also are available anytime to serve you without interruption and all means of communication are available to answer your questions, meet your expectations and welcome your suggestions.

To contact our branches
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