CPSMS Gateway API

Sending an SMS

To send an SMS you must submit an HTTP POST or HTTP GET request to https://www.cpsms.dk/sms/

The following parameters can be passed to the above URL:

Parameter	Value	Description
username	(string) (required)	Specifies the username to your SMS account.
password	(string) (required)	Specifies the password to your SMS account.
apikey	(string)(36)	An alternative to using the password. If an API key is generated under 'Indstillinger->API', you can use the key instead of your password.
recipient	(integer)(20) (required)	Specifies the recipient of the SMS. Multiple Recipients can be provided by submitting multiple recipient fields named "recipient[]". Each recipient must have a prefixed country code, unless otherwise specified under 'Indstillinger- >Moduler'.
message	(string)(1530) (required)	Specifies the message to be sent. All chars allowed by the SMS protocol are accepted. If the message contains any illegal chars, they are automatically removed, and the message shortened. The maximum message length is 1530 characters, which is the length of 10 SMS'es joined together.
from	(integer)(20) (string)(11) (default: 0)	Set the number that the receiver will see as the sender of the SMS. It can be both numeric with a limit of 20 chars and alphanumeric with a limit of 11 chars.
url	(string)(100)	This is NOT a forwarding url. The url value specifies the url to open for delivery notification. The url will be opened with a status parameter as well as a cell phone number appended in a HTTP GET request. So if the url to be opened is: https://www.google.com/ the delivery will be: https://www.google.com/?status=X&receiver=XXXX The status parameter can have the following values: 1 Delivery successful 2 Delivery failure 4 Message buffered 8 Delivery abandoned In other words 1 means successful, 4 means in process, 2 means the SMS failed, and 8 means we couldn't deliver the SMS and have stopped trying.

		To include your own sms id or other values, append it to the end of the url string, such as this: https://www.google.com/?smsid=1234 The delivery will then be: https://www.google.com/?smsid=1234&status=X&receiver=XXXX
timestamp	(integer)	For sending delayed SMS, you can supply a timestamp to define when the SMS should be sent. The timestamp format is: YYYYMMDDHHMM So for instance the value 200805051215 would be sent on the 5th of May 2008 at 12:15.
utf8	(integer) (default: 0)	Specifies whether the message and from parameters are UTF8 encoded. A value of 1 sets the SMS to be UTF8 encoded.
flash	(integer) (default: 0)	Specifies whether the SMS is a flash SMS. A value of 1 sets the SMS to be a flash SMS.
group	(integer) (default: 0)	Specifies which group to send sms to. The group ID can be found under 'Kontakter -> Grupper'. If this parameter is set, the recipient parameter must not be, overriding the required parameter value of the recipient parameter. If the recipient parameter is also set, the group parameter will be ignored.

Parameters other than the above are ignored.

Result

The following values may be returned from a client-server conversation.

All errors are prefixed with <error> and postfixed with </error>. Only one error is displayed at any given time, even if multiple errors may exist. An example of an error could be "<error>No recipient set.</error>".

When using multiple recipients, the success message will be in the form of "<succes>SMS successfully sent to X recipient(s)</succes>". Be aware that when using an array of numbers, if a number does not meet the required specifications for recipients, it will not produce an error, but will be ignored. Therefore it is possible to receive the successful message that there were 0 recipients, if all numbers are incorrect format.

IP validation

From within the system it is possible to create a whitelist of IP addresses as an extra security measure.

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HTTP GET Examples

Example of a URL addressed to 1 recipient:

https://www.cpsms.dk/sms/?username=user&password=pass&recipient=4512345678&message=test%20message&from=CPSMS

Example of a URL addressed to 3 recipients:

https://www.cpsms.dk/sms/?username=user&password=pass&recipient[]=4512345678&recipient[]=4587654321&recipient[]=4556781234&message=test%20message&from=CPSMS

Example of a URL using API key to 3 recipients:

https://www.cpsms.dk/sms/?username=user&apikey=12345678-1234-1234-1234-12345678910&recipient[]=4512345678&recipient[]=4587654321&recipient[]=4556781234&message=test%20message&from=CPSMS

PHP Example for sending an SMS

```php
<?php

// The neccesary variables are set.
$url = "https://www.cpsms.dk/sms/";
$url .= "?message=" . urlencode("This is a test.");
$url .= "&recipient=4512345678"; // Recipient
$url .= "&username=yourusername"; // Username
$url .= "&password=yourpassword"; // Password
$url .= "&from=" . urlencode("Sendername"); // Sendername

// The url is opened
$reply = file_get_contents($url);

if(strstr($reply, "<succes>")) {

  // If the reply contains the tag <succes> the SMS has been sent.
  echo "The message has been sent. Server response: ".$reply;

} else {

  // If not, there has been an error.
  echo "The message has NOT been sent. Server response: ".$reply;

}

?>
```