



## PSWinCom SMS Gateway Mail (SMTP) Interface specification

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PSWinCom AS, Norway

PSWinCom SMS Gateway service  
Company: PSWinCom AS, Norway  
E-mail: [support@pswin.com](mailto:support@pswin.com)  
Phone: +47 57748484  
Fax: +47 57748485  
Web: [www.pswin.com](http://www.pswin.com)



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# 1 Preface

This document describes how to use the various mail (SMTP) based Interfaces of the PSWinCom SMS Gateway. The Gateway supports three main ways of using SMTP to submit SMS messages:

- Routed mail interface
- Simple mail interface
- XML mail interface

All three ways are described in detail in this document.

Mail (SMTP) is the preferred interface when the client is behind a firewall or without a direct connection to internet. As long as a mail system is present and operative, it is possible to submit messages to the SMS Gateway without installing any additional software or modifications of firewall settings.

Note: The mail interfaces are disabled by default for new accounts unless it is checked off the order form, but can be enabled any time and free of charge upon request.

## 2 Gateway connect information

Routed mail interface:	<a href="mailto:&lt;receivernumber&gt;@pswin.com"> &lt;receivernumber&gt;@pswin.com </a>
Simple mail interface:	<a href="mailto:sms2@pswin.com"> sms2@pswin.com </a>
XML mail interface:	<a href="mailto:sms@pswin.com"> sms@pswin.com </a>
Account web:	<a href="http://www.pswin.com"> http://www.pswin.com </a>
Product web:	<a href="http://www.pswin.com"> http://www.pswin.com </a>
Support inquiries:	<a href="mailto:support@pswin.com"> support@pswin.com </a>

### 3 Overview

Below is a matrix showing how the three mail-interfaces works according to various functional requirements you or your software may have.

Requirement	Routed	Simple	XML	Note
Support for binary messages			☑	
Specify sender-Id for each message			☑	
No set-up on the account web		☑	☑	
Group messages	☑	☑	☑	
Username/password not needed to send	☑	☑		Depends on settings for Simple mail interface.
Receipt/confirmation required	☑			
Suitable for email to SMS forwarding	☑			

## 4 Routed mail interface

The routed mail interface is a very simple way of sending SMS messages from any mail software.

### 4.1 Configuration

First of all your account must be enabled to use the various SMTP based interfaces. By default this is not enabled on new accounts. Contact [support@pswin.com](mailto:support@pswin.com) to enable your account for SMTP usage.

When SMTP is enabled on your account, you must enable the mail-addresses you will allow to send messages. This can be done by logging onto the account web: <http://www.pswin.com>. On the menu, select the "Mail Settings" link.

#### Trusted senders

You can specify any number of email-addresses and/or mail-domains that are trusted to send SMS messages using your account.

**Note:** Do not allow sending from any more addresses and/or domains than you strictly need. If you're using a public available ISP such as hotmail.com, yahoo.com and others, you should only allow sending from particular addresses and not the whole domain.

#### Sender-Id

Sender-Id can be a number or a text of up to 11 characters (no special characters allowed). The sender-Id should be a valid international number (without the "+" plus prefix) if you like the receiver to be able to reply directly.

#### Default Prefix

A Default Prefix can be specified if you would like the SMS Gateway to always add your country-code to the receiver number. Normally you should set this to the country-code of your own country. The default prefix can be overridden by simply sending to a fully prefixed international number. For example: [+4792123456@pswin.com](mailto:+4792123456@pswin.com) will override a default prefix of "46". The "+" (plus) sign is in this case important to let the system know that this is an international number.

For security reasons, your account can be set up with a fixed mail address that will receive notification of each message processed by the SMS Gateway. This feature can be used to keep track of the SMS usage.

### 4.2 Sending messages

#### Receivers and group messages

When your account is properly set up to allow messages from your email address, you can start sending messages. Start with creating a new email. In the to-field, enter the receiver address as follows:

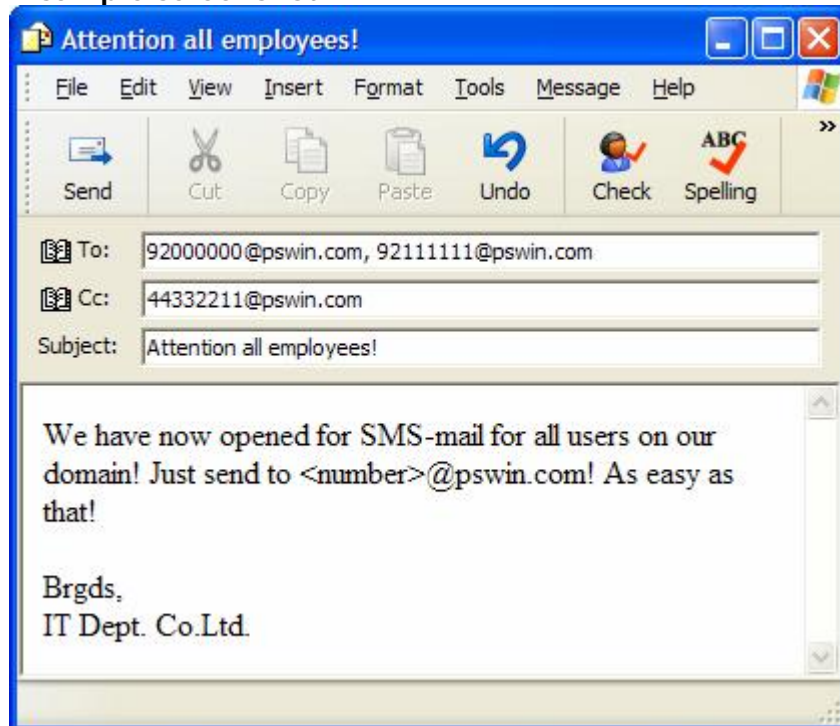
[<receivernumber>@pswin.com](mailto:<receivernumber>@pswin.com) Sample receiver:  
[92123456@pswin.com](mailto:92123456@pswin.com)

You can specify any number of SMS-addresses or a mixture of ordinary and SMS-addresses. You can also use the CC and BCC fields to specify receivers just as with ordinary email. You can also send to groups by creating distribution lists in your mail software and put the SMS-addresses into the list.

#### Message text

Put your message in the subject field and/or message body. The message will contain subject and beginning of message body up to 160 characters in total.

#### A sample screenshot:



#### Delivery and receipt

When you send the mail-message, it will be processed immediately upon reception of the Gateway. After processing, the message will be delivered on your phone within seconds.

If the sender would like to receive a receipt, one can choose the "Request Read Receipt" or similar option in the mail-software to request a receipt. The receipt will state the receiver, the message sent and a status of whether the message was successfully sent or not. Please note that this is not a handset-status but a confirmation that the message has been processed, verified and delivered to the SMS Gateway.

## 5 Simple mail interface

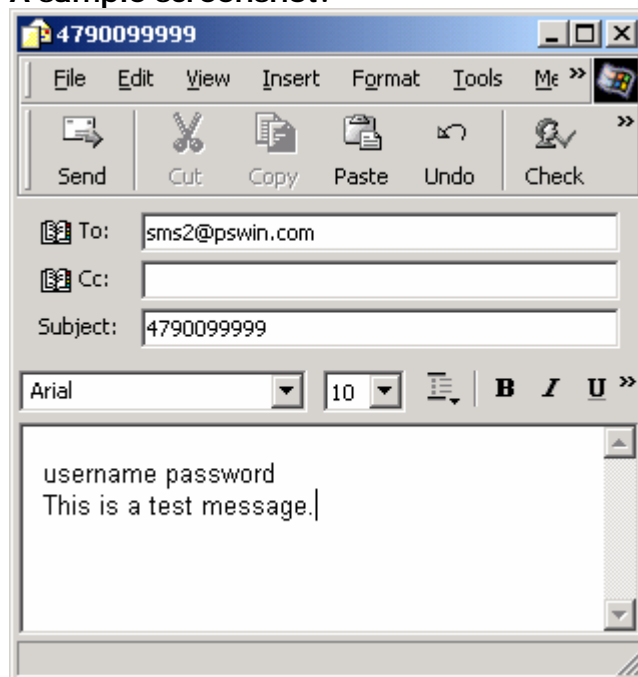
By using this interface it is possible to send plain text SMS to one or a few receivers by submitting a simple mail message to the PSWinCom SMS Gateway. There are no extended options or features. If more features are required, please see the XML interface chapter.

The receiver number is placed as the Subject of the message. Must be specified including the international prefix, but without any leading "+" or "00". At least 9 digits. Several numbers can be specified, separated with a single space character.

The username and password of the PSWinCom SMS Gateway account must be placed at the beginning of the mail body, separated with a single space character. Optionally, the credentials may be stored on the mail server and authentication can be done based on the sender e-mail address. Please contact [support@pswin.com](mailto:support@pswin.com) for the latter option.

The actual SMS message is placed after the username and password, either after a space character or after a line break.

A sample screenshot:



### Notes:

- 1) Only the 10 first lines of the mail will actually be handled.
- 2) Blank lines will be ignored.
- 3) All line breaks will be converted to single spaces.
- 4) A signature below a line like "—" will be ignored.
- 5) The message will be truncated to max 160 characters.
- 6) Send the message to [sms2@pswin.com](mailto:sms2@pswin.com)
- 7) No receipt/confirmation mail will be returned.

## 6 XML based mail interface

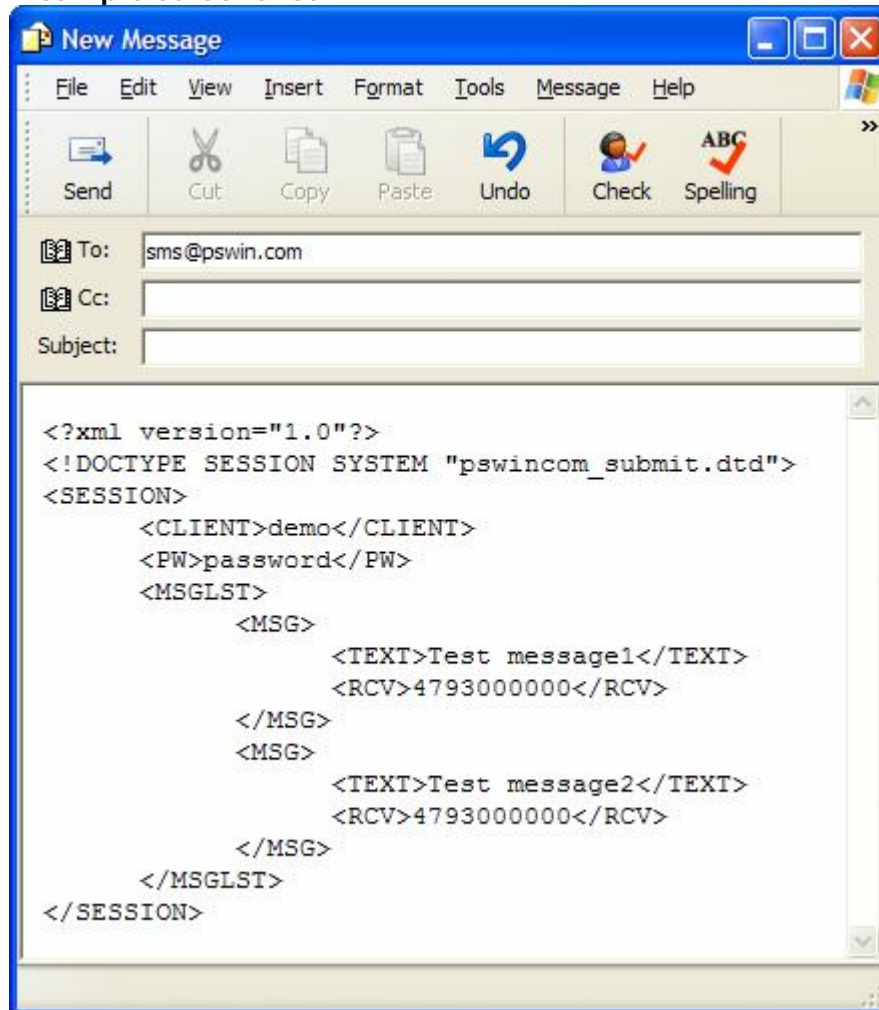
The XML based mail interface is intended for automated use from within applications and not for direct use from your mail-client. This is due to that the message body is an XML document containing detailed and specific information about the message(s) to send. The XML document must be valid and formatted according to the specifications given in the XML Interface documentation. This specification can be downloaded from <http://www.pswin.com>

Using this XML-based interface you have full control of the message-data you send, and it allows you to submit binary messages such as ringtones and logos as well.

Consider the following XML document containing two text message:

```
<?xml version="1.0"?>
<!DOCTYPE SESSION SYSTEM "pswincom_submit.dtd">
<SESSION>
  <CLIENT>demo</CLIENT>
  <PW>password</PW>
  <MSGLST>
    <MSG>
      <TEXT>Test message1</TEXT>
      <RCV>479300000</RCV>
    </MSG>
    <MSG>
      <TEXT>Test message2</TEXT>
      <RCV>479300000</RCV>
    </MSG>
  </MSGLST>
</SESSION>
```

To send these two messages using the XML mail interface, simply create a new mail and insert the above XML into the mail body. Remember to replace username/password and receiver number with suitable values. Send the mail to [sms@pswin.com](mailto:sms@pswin.com) and it will be parsed and consumed by the SMS Gateway.

**A sample screenshot:**

You do not need to fill out the Subject field, as it is not used for any purpose when using the XML-based mail interface.

Please note that you will not receive any response back, regardless of whether the message was successfully delivered or not.