



SMS Gateway 1.2 Mobile Originating User Technical specifications

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1 REVISIONS

Version	Date	Author	Remark
1.0		Erwin Berghmans	Initial version
1.1	27/10/2005	Erwin Berghmans	
1.2	01/12/2010	Erwin Berghmans	Added provider Telenet (4)



1.1.1 HTTP POST MO SMS traffic

```
<!DOCTYPE MESSAGES [
<!ELEMENT MESSAGES (MSG*)>
<!ELEMENT MSG (FROM,TO,BODY,MSG_ID,TIMESTAMP)>
<!ATTLIST MSG TYPE (CONTENT) #REQUIRED>
<!ELEMENT FROM (#PCDATA)>
<!ATTLIST FROM PROVID (1|2|3|5|6) #REQUIRED>
<!ELEMENT TO (#PCDATA)>
<!ELEMENT BODY (#PCDATA)>
<!ELEMENT MSG_ID (#PCDATA)>
<!ELEMENT TIMESTAMP (#PCDATA)>
]>
```

Field	Description	Format
FROM	User's GSM number	0032xxxxxxxxx, 0031xxxxxxxxx, etc. (15 chars maximum)
PROVID	User's operator	1=Proximus, 2=Mobistar, 3=Base, 4=Telenet, 5=Belgacom, 6=TheNetherlands
TO	Short code or GSM number to which the user has sent the SMS.	15 characters maximum
BODY	SMS message	550 characters maximum
MSG_ID	Unique Id for the message	10 digits maximum
TIMESTAMP	Date + time of the SMS	YYYYMMDDHHMMSS

In a HTTP POST MO model, Paratel initiates the communication and will push the SMS data to the client.

The client will supply an URL where the Paratel SMS server will POST to.

After receiving an HTTP response < 300 and the string "OK" in the content of the response, the server will remove the client's SMS data. If no connection is established or the response code is >= 300 or the string "OK" is not in the content of the response, the data will be kept at the server until a successful delivery.



Example:

```
POST /clientscript.php HTTP/1.1
Host: clienthost.be
Content-Type: text/xml
Content-Length: 410
```

```
<?xml version="1.0"?>
<MESSAGES>
<MSG_TYPE="CONTENT">
<MSG_ID>1</MSG_ID>
<BODY>First MO message</BODY>
<FROM PROVID="1">0032475569175</FROM>
<TO>3323</TO>
<TIMESTAMP>20020213160902</TIMESTAMP>
</MSG>
<MSG_TYPE="CONTENT">
<MSG_ID>2</MSG_ID>
<BODY>Second MO message</BODY>
<FROM PROVID="2">0032496543210</FROM>
<TO>3323</TO>
<TIMESTAMP>20020213160902</TIMESTAMP>
</MSG>
</MESSAGES>
```

