



SMS Gateway 1.1 Mobile Originating User Technical specifications

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1 REVISIONS

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



1.1.1 FTP 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

The client will supply an FTP URL (*ftp://clientftpserver/path*) where Paratel will write the SMS data to a xml file. Also, valid login and password has to be provided.

To avoid overlap in reading from and writing to the same file, Paratel will write to a file without the .xml extension. Once all writing is done, the file will be renamed to the .xml extension.

If no connection is established, due to internet connection or invalid credentials or ..., the data will be kept at the server until a successful delivery.



Example:

```
<?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>
```

