



SMS Encapsulation (8bit data)

API HTTP Version 2.2.0

Introduction

With this document we would like to explain to all users how can be sent one sms through our API.

1.0.0 How to send SMS

For each SMS that the user wants to send, there are 3 important parameters that must be delivered (beyond to the mobile number of the recipient):

- Sender
- SMSType
- SMSData

1.1.0 The ID SENDER

The SENDER value can be numeric (max 16 digits) or alphanumeric (max 11 chars), if the user leave empty this parameter, it will be filled with recipient mobile number

1.2.0 SMSType Parameters

This parameter set the type of sms message sent to the gateway. Currently we are supporting the following sms messages:

SMSType Param.	Sms Format	Bit Data	Max Length	Description
Empty	ASCII	7 Bit	Max 160 chars	Standard sms text
FLH	ASCII	7 Bit	Max 160 chars	The text will appear directly on the screen
RGT	OTA	8 Bit	266 Bytes (for 1st sms)	Ringtone for NOKIA MOBILE
LGO	OTA	8 Bit	260 Bytes	Operator Logo (Nokia Mobile)
CLI	OTA	8 Bit	260 Bytes	Group Logo for (Nokia Mobile)
RTX	ASCII	N/A	N/A	RTTTL string (Nokia Ringtone)
BMP	HEX DUMP	8 Bit	N/A	File BMP 72x14 pixel, 2 colors for Operator Logo (Nokia Mobile)
GIF	HEX DUMP	8 Bit	N/A	File GIF 72x14 pixel, 2 colors for Operator Logo (Nokia Mobile)
UCS	UCS-2	8 Bit	280 Bytes	Sms Text in Unicode UCS-2 (max 70 chars)
UTF	UTF-8	N/A	N/A	Sms text in Unicode UTF-8 (max 70 chars)
PIC	OTA + ASCII	N/A	512 Bytes + Space + text message	Picture Message with OTA bitmap 72x28, blank space & text string (max 120 standard chars or 60 in Unicode UTF-8)
PIC	OTA Smart Message	8 Bit	N/A	Picture Message in OTA Format (see Nokia Smart Message)
PIC	BMP Hex + ASCII	N/A	N/A	Picture Message with BITMAP file 72x28 hex encoded, blank space & text string (max 120 standard chars or 60 in Unicode UTF-8)
SCR	OTA	8 Bit	512 Bytes	Screen Saver with OTA bitmap 72x28
SCR	OTA Smart Message	8 Bit	512 Bytes	Screen Saver in OTA Format (see Nokia Smart Message)
SCR	BMP Hex	N/A	N/A	Screen Saver with BITMAP file 72x28 hex encoded



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SMS Encapsulation (8bit data)

Wap Bookmark (SMSType=WBK)

SMSData=WAP URL + BLANK SPACE + TEXT

SMSData="wap.yahoo.com Yahoo Wap Site!"

Wap Push (SMSType=WPS)

SMSData=WAP URL + BLANK SPACE + TEXT

SMSData="wap.xxxx.com/a.asp?id=123 Sport News! Download now!"