NowSMS Quick Start Guide #3: Using NowSMS with GSM/GPRS/3G modems to send and receive MMS messages.

This application note describes how to send and receive MMS messages using a GPRS (EDGE or 3G packet data) modem. The modem concerned must have a SIM card that is MMS capable.

To install your GSM GPRS modem, please refer to application note 0001. The modem should first be installed and tested for sending SMS with NowSMS to verify that it is installed correctly. We also recommend that before attempting to send and receive MMS messages with the modem, that you remove the SIM card from the modem and install the SIM card into a mobile phone. Verify that you are able to send and receive MMS messages using this SIM card in a mobile phone, before you attempt to send and receive MMS messages using NowSMS with the SIM card in a modem.

Please note that if you are using a mobile phone as a modem, most mobile phone modem implementations will allow you only to send MMS messages via the modem interface. It will not be possible to receive MMS messages via the modem interface unless you are using a dedicated modem device (such as modems manufactured by Wavecom, Multitech, Falcom and iTegno).

Open the NowSMS SMSC tab; you will then see the screen showing the modem you have installed (Fig. 1).

MIMSC Users	MMSC VASP MMSC Routing SSL/TLS	Serial
Service	SMSC Web SMS Users 2-Way	MMSC
	tione	
SAMBA LISB I	Modem Driver	
	Properties Remove	
	Test Add	
	Stats	
0	factor October Facely	
Outbound M	tessage queue: Empty	
SMSC Statu	us: All Connections OK	

Fig. 1

Highlight your installed modem and click the "Properties" button; you will then see the "modem connection" dialog.

dem Connection	I see a	and the	8
Phone Number:			
Modem PIN:		(if required)	
SMS Access:	Oefault	C GSM	C GPR
🔽 Receive SMS Messages			
SMS Message Storage:	Default		-
Route SMS to local user:			-
🔽 Receive MMS Messages		MMS Setti	ngs
Routing			
🔽 Support any outbound mes	sage traffic		
Preferred SMSC Connection	on for:		Add
			Remove
		-	
	1		

Fig. 2

Tick the check box "Receive MMS Messages" and click "MMS Settings", you will then see the "MMS Settings" dialog (Fig. 3).

MMS Settings						
	Lookup Operator Settings					
MMS Server URL: http://mmsc.mms.o2.co.uk:8002/						
✓ Use Specific Network Connection (GPRS Modem)						
Network Connection: Modem: SAMBA USB Modem Driver						
WAP Gateway IP Address: 193.113.200.195						
If the GPRS network connection uses a modem configured for SMS use by NowSMS, please specify it below.						
Modem Used:	SAMBA USB Modem Driver					
GPRS APN:	wap.o2.co.uk					
Login Name:	o2wap Password: password					
Test Connection						
MMSC Routing for Recieved Messages:						
Receive to MMS-IN Directory						
C Route via MM7						
C Forward to E-Mail Address						
C Route to Local User:						
OK	Cancel					

Fig. 3

Using the "Lookup Operator Settings" button, select the mobile operator that supplied your SIM card. This will automatically fill in all the fields required, the example used here is O2 in the UK.

If you cannot find your mobile operator you will need to find those settings and enter them manually.

Tick "Use Specific Network Connection (GPRS Modem)" and use the drop down box to select your installed modem and repeat for the "Modem Used" section.

Now click the "Test Connection" button to test your connection.

For MMSC Routing we will use "Receive to MMS-IN Directory" for the moment.

NowSMS is now configured to receive MMS messages into the folder program files\nowsms\mms-in.

Sending MMS messages

To send MMS messages you must first define an Outbound Route; to do this click on the "MMS Routing" tab (Fig. 4).



Fig 1

Click on the "Add" button and the MMSC Outbound Routing dialog will appear (Fig. 5).

MMS Outbound Routing	Enter an Account Name and an Account Description that identifies your connection.
Account Name: U2-UK	
Account Description: 02 uk mobile network	If you want to route all outbound MMS messages via this
Default Sender Address:	connection enter an * in the "Route messages to this
Allow Sender Address Override	account for recipient phone number(s):" box.
Route messages to this account for recipient phone number(s):	
×	Select MM1 in the "Route messages to VASP via:"
Route messages to VASP via: OMM7 OMM4 (SMTP)	section.
○ MM1 C EAIF	
C Direct Delivery (internal MMSC)	Use the "Lookup Operator Settings" button to select the
C Convert to Multimedia WAP Push	mobile operator that supplied your SIM card, this will
	automatically fill in all the fields required, the example
O Block/Reject Message	here is 02 in the UK.
Server Address: http://mmsc.mms.o2.co.uk:80	If you connot find your mobile operator you will pood to
Lookup Operator Settings	find those settings and enter them manually
✓ Use Specific Network Connection (GPBS Modem)	and those settings and enter them manually.
Network Connection: Modem: SAMBA USB Modem Driver	
WAP Gateway IP Address: 193.113.200.195	Tick "Use Specific Network Connection (GPRS Modem)"
If the GPRS network connection uses a modem configured for SMS use by NowSMS, please specify it below.	and use the drop down box to select your installed
Modem Used: SAMBA USB Modem Driver	modern and repeat for the modern Used selection.
GPRS APN: wap.o2.co.uk	
Login Name: 02wap Password: password	Now click the "Test Connection" button to test your
Test Connection	connection.
MMS Version: 10	
	You have now configured an outbound MMS route, Click
Embed Uriginal Sender in Subject Header	OK and you will return to the "MMSC Routing" dialog
OK Cancel	(Fig. 4).
7:~ 5	

The connection you have set up will appear as an Additional Route, use the "Default Route" drop down box and select the connection you have just defined.

You are now ready to send and receive MMS messages.