



SMSGlobal – MMS-2WAY API  
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# MMS-2WAY API

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# MMS-2WAY API

## Preface

Welcome to the SMSGlobal MMS-2WAY API. This document provides a reference for all features available to you via the MMS-2WAY interface for sending SMS.

## Introduction

The MMS-2WAY-API allows you to integrate your Application (Client) to SMSGlobal (Vendor) using the HTTP protocol to send MMS. HTTPS is also supported for secure transactions using SSL encryption.

The Client issues either a HTTP GET or POST request to the SMSGlobal HTTP interface supplying a list of required parameters. SMSGlobal issues back a HTTP Response which indicates the validity of the transaction.

## Features

Please find below a list of features for this API.

- Custom Sender ID
- Dedicated Virtual Numbers
- Delivery Receipt Notifications via Email/SMS
- Recipient OPT Out Option
- 24/7 support via our support system

## Sending MMS

URL: <http://www.msglobal.com.au/mms/sendmms.php>

## HTTP Request

Please find below a list of available parameters.

Parameter	Description	Options	Presence
username	Your SMSGlobal username		Mandatory
password	Your SMSGlobal password		Mandatory
from	MSISDN that the message will appear from. Use this <b>only</b> if you have a dedicated number with SMS Global.		Optional
number	MSISDN of the recipient that the message will be sent to. Eg: 61409317436 (Do not use + before the country code)		Mandatory
subject	Subject of message		Optional
message	Message to be sent. Must be URL encoded.		Optional
max_dimension	Maximum resolution of attached pictures Defaults to 1024 pixels.		Optional
message_at_start	Defines whether text portion of message is at the start or end Values: 1/0 Defaults to start (1).		Optional
attachmentx	Attachment, where X is the attachment number 0 <= X < 15 (base64 encoded)		Mandatory for each attachment
typex	Attachment type, where X is the attachment number eg. image/jpeg		Mandatory for each attachment
namex	Attachment name, where X is the attachment number eg. image1.jpg		Mandatory for each attachment

**Note:** MMS isn't bound by the same size limitation as SMS. MMS are limited to 300kb, therefore depending on the size of any attachments in your message, this will reduce available for amount of text able to be sent.

## HTTP Response

Parameter	Description
SUCCESS	Success. ID = Message ID Message ID is a unique 16-digit integer identifying the message
FAILURE	Your SMSGlobal username

## Supported File Formats

File below a file format compatibility table.

File Type	Media Type	Compatibility / Support
<b>Images</b>		
JPEG, JPG	(image/jpeg)	Good support
GIF: GIF87a, GIF89a, animated GIF89a	(image/gif)	Good support
PNG	(image/png)	This is B&W image format from the old days of WAP
WBMP (Wireless Bitmap)	(image/wbmp)	This is B&W image format from the old days of WAP
BMP (Windows Bitmap)	(image/bmp)	Dependent on handset support
<b>Audio</b>		
MP3	(audio/mpeg)	Partial support; some handsets may limit the use of the file due to DRM concerns by the manufacturer
MID, MIDI	(audio/mid or audio/midi)	Good support
WAV	(audio/wav)	Good support
AMR	(audio/amr)	Partial support, GSM handsets only
IMY, eMY	(audio/imelody)	Partial support
Evc	-	Not currently supported
AAC	-	Not currently supported
<b>Video</b>		
MPEG, MPG, MP4	(video/mpeg4)	Support may vary by handset
3GP	(video/3gpp)	Good support
<b>Text</b>		
TXT, TeXT, US-ASCII	UTF-8, US-ASCII (not UTF-16) (text/plain)	Good support
X-IMeLODY	(text/x-imelody)	Partial to good
X-eMeLODY	(text/e-melody)	Partial to good

**Note:** SMSGlobal attempt to transcode files to a suitable format supported by the end device to maximise chances of delivery success.

## Error Codes

Status Code	Status Text	Description
0	Connection error	Indicates a connection error with the MMS Relay/Server
1000	Success	Indicates the request completed successfully
1100	Partial success	Indicates only some parts of the request were completed successfully. (e.g. some for a multi-recipient message some destinations could not be resolved). Please note, multiple recipients are not currently supported.
2000	Client error	MM7 Client made an invalid request.
2001	Operation restricted	Your Account does not have permission to use this feature.
2002	Address Error	The formatting of one or more of the addresses was not valid (should be MSISDN or email address).
2003	Address Not Found	The address supplied in the request could not be located by Access Manager. This code is returned when an operation is requested on a previously submitted message and Access Manager cannot find the message for the address specified.
2004	Multimedia	The server could not parse the MIMEcontent that was attached to the SOAP message and indicated by the Content element or the content size or media type was unacceptable. Additionally it may be a content type not allowed by Access Manager
2005	Message ID Not found	Returned when an operation is requested on a previously submitted message which cannot be found.
2006	LinkedID not found	This code is returned when a LinkedID was supplied and Access Manager could not find the related message.
2007	Message format corrupt	An element value format is inappropriate or incorrect.
2008	Application ID not found	Your MM7 credentials are not valid.
2009	Reply Application ID not found	This code is returned when a Reply Application ID was supplied and Access Manager could not find the originating application.
3000	Server Error	Access Manager failed to fulfil an apparently valid request.
3001	Not Possible	The request could not be carried out because it is not possible. This code is normally used as a result of a cancel or status query on a message that is no longer available for cancel or status query. Access Manager has recognized the message in question, but it cannot fulfil the request because the message is already complete or status is no longer available.
3002	Message Rejected	Server could not complete the service requested.
3003	Multiple addresses not supported	Access Manager does not support this operation on multiple recipients. The operation MAY be resubmitted as multiple single recipient operations.

3004	Application Addressing not supported	Recipient MMS User Agent does not support the transport of application data.
4000	General service error	The requested service cannot be fulfilled.
4001	Improper identification	Identification header of the request does not uniquely identify the client (either the VASP or MMS Relay/Server).
4002	Unsupported version	The version indicated by the MM7 Version element is not supported.
4003	Unsupported operation	The server does not support the request indicated by the MessageType element in the header of the message.
4004	Validation error	The SOAP and XML structures could not be parsed, mandatory fields are missing, or the message-format is not compatible to the format specified. Details field may specify the parsing error that caused this status.
4005	Service error	The operation caused a failure within Access Manager and should not be resent.
4006	Service unavailable	This indication may be sent by the server when service is temporarily unavailable, e.g. when server is busy
4007	Service denied	The client does not have permission or funds to perform the requested operation.
4008	Application denied	The application does not have permission or funds to perform the requested operation.

## Recipient Replies (Incoming MMS)

If you would like notification of your Incoming MMS to be pushed to your server, please contact SMSGlobal support at, [support@smsglobal.com](mailto:support@smsglobal.com) and we'll update your MMS preferences.

In order for our system to know that your URL has received the delivery notice, at the end of your script you must echo out "OK".

Please find below the list of parameters that are sent.

Parameter	Description
from	Mobile Originated Number (MMS Sender)
subject	Subject sent in MMS Message
message	Text portion of the MMS Message
id	Internal ID, used for tracking
attachmentx	Attachment, where X is the attachment number.
content_typex	Content type of attachment, where X is attachment number. Example, image/jpeg
content_namex	Content name of attachment, where X is attachment number. Example, image1.jpg

When the message has been received and accepted by your server it is required that you echo the statement 'OK' to stop further pushes by SMSGlobal.

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