



A SMS, s.r.o.
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Async myPAY API Client – ASMS

version 2.7

1. Versions

Purpose of this document is to describe the SMS interface, which can be used for transporting messages from client to ASMS micropayment messaging system and vice versa.

Messages are transported via:
HTTP GET

Requests has to be repeated until HTTP Status 200.

List of permitted IP addresses:
TBD

2. MT SMS sending (Client → A SMS)

Request:

Endpoint: TBD
Type: HTTP GET parameters

Parameters:

Name	Type	Mandatory	Description
id_mo	int	yes	ID of MO SMS
id_mtsms	int	Yes	ID of MT SMS from client (for checking duplicates and for statuses)
dst_no	string(32)	yes	Destination phone number of customer in international format only +421903123456
src_no	string(32)	yes	Source number - 8877 currently
gtw_type	int	yes	Mobile operator code (http://en.wikipedia.org/wiki/Mobile_country_code)
message	string(160)	yes	Message (only GSM7 alphabet with UTF-8 encoding)
bill_key	string(32)	yes	Billing code (assigned by ASMS)
pid	int	yes	Project ID (assigned by ASMS)

Response:

HTTP GET

OK - SMS sent
ERROR*<code> - Error with code <code>

In case of two request with the same ID, response has to be the same.

3. Billing/Delivery Reports of sent messages (A SMS → Client)

Request:

Endpoint: Client has to provide URL
Type: HTTP GET parameters
Parameters:

Name	Type	Mandatory	Description
id_mtsms	int	yes	ID of MT SMS from client
status	string(1)	yes	Billing/delivery status

Statuses:

D – Billed AND delivered
S – Billed
E – NOT billed and NOT delivered
U – NOT delivered

Status D could be sent before status S, so status S will not be sent anymore.

Response:

HTTP GET

OK - Status received
ERROR*<code> - Error with code <code>

In case of two request with the same ID, response has to be the same.

4. MO SMS receive (A SMS → Client)

Request:

Endpoint: Client has to provide URL

Type: HTTP GET parameters

Parameters:

Name	Type	Mandatory	Description
id	int	yes	ID of MO SMS
dst_no	string(32)	yes	Destination short number - 8877 currently
src_no	string(32)	yes	Source phone number of customer in international format only +421903123456
gtw_type	int	yes	Mobile operator code (http://en.wikipedia.org/wiki/Mobile_country_code)
message	string	yes	Message - UTF8 encoding, unlimited characters (multipart SMS)

Response:

HTTP GET

OK - SMS received

ERROR*<code> - Error with code <code>

In case of two request with the same ID, response has to be the same.

5. Examples

HTTP GET

MO SMS – A SMS → Client request

Request:

http://www.example.com/receive_sms?id=562208>w_type=23101&src_no=%2B421911217664&dst_no=8877&message=TEST

Response:

OK

MT SMS – Client → A SMS request

Request:

http://mypayurl.com/client/mt.php?id_mo=562208&id_mtsms=123456789>w_type=23101&src_no=8877&dst_no=%2B421911217664&bill_key=MYPAY-10-00&message=TEST&pid=100

Response:

OK

Status – A SMS → Client request

Request:

http://www.example.com/receive_status?id_mtsms=123456789&status=D

Response:

OK

ERROR

ERROR*2001

6. Error codes

Code	Description	HTTP Status
1001	ID MO SMS error	200
1002	DST_NO error	200
1003	SRC_NO error	200
1004	GTW_TYPE error	200
1005	MESSAGE error	200
1006	ID_CLIENT error	200
1007	BILL_KEY error	200
1008	PID error	200
1009	STATUS error	200
2001	DB error	500
2100	System error	500