



A SMS, s.r.o.
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**Synchronous myPAY API
Client – ASMS**
version 1.4

1. Changelist

2. Receiving MO SMS, Sending MT SMS

Receiving MO SMS and sending MT SMS is handled by one HTTP POST request and response.

Workflow:

1. A SMS sends MO SMS envelope object to client
2. Client responses with MT SMS envelope object back immediately

Objects are JSON objects.

MO SMS Envelope

Name	Type	Description
mosms	MO SMS Object	MO SMS

MO SMS Object

Name	Type	Required	Description
id	int	Required	Unique ID of MO SMS
dst_no	string	Required	Destination short number – e.g. 8877
src_no	string	Required	Source phone number of customer in international format only +421903123456
gtw_type	int	Required	Mobile operator code 23101 – Orange SK 23102 – Telekom SK 23106 – O2 SK other
message	string	Required	Message – UTF8 encoding, unlimited characters (multipart SMS)
hash	string	Required	Hex (lowercase) encoded SHA1 HMAC from (id + src_no + dst_no + gtw_type + message)

MT SMS Envelope

Name	Type	Description
status	string	ok, error
mtsms	MT SMS object	MT SMS

MT SMS Object

Name	Type	Required	Description
id	int	Required	Unique ID of MO SMS (copy value from request)
message	string	Required	Text message, max. 160 characters, GSM7 alphabet ASCII encoded, required
bill_key	string	Required	Dedicated billing code, e.g. MYPAY-00-00, required
hash	string	Required	Hex (lowercase) encoded SHA1 HMAC from (id + message + bill_key)

3. MT SMS statuses

Workflow:

1. A SMS sends Status envelope object to client
2. Client responses back immediately

Objects are JSON objects.

Status Envelope

Name	Type	Description
mtstatus	Status object	Status

Status Object

Name	Type	Required	Description
id	int	Required	Unique ID of MO SMS
status	string	Required	Billing/delivery status
hash	string	Required	Hex (lowercase) encoded SHA1 HMAC from (id + status)

Statuses:

D – Billed AND delivered

S – Billed

E – NOT billed and NOT delivered

U – NOT delivered

Status response

Name	Type	Required	Description
id	int	Required	Unique ID of MO SMS
status	string	Required	ok, error

4. Examples

1. HTTP POST – MO and MT SMS

Request

ASMS -----> Client

```
{"mosms": {"message": "Test", "gtw_type": 23106, "id": 123, "src_no": "+421903123456", "dst_no": "8877", "hash": "xxx"}}
```

Response

Client -----> ASMS

```
{"status":"ok", "mtsms":{"id: 123, "message": "test mt sms", "bill_key": "MYPAY-00-00", "hash": "xxx"}}
{"status":"error", "mtsms":null}
```

2. HTTP POST – Billing/Delivery status

Request

ASMS -----> Client

```
{"mtstatus": {"id": 123, "status": "D", "hash": "xxx"}}
```

Response

Client -----> ASMS

```
{id: 123, "status":"ok"}
{id: 123, "status":"error"}
```