



CARRIER TECHNOLOGY

SPECIFICATION DOCUMENT SMS API MARKETING (Version 2.0)

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Ha Noi, 02/2019

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1. SMS API SYSTEM Version 2.0

1.1 API Login

1.1.1 Description

This is the api get access_token to authorization for other api.

1.1.2 Url Request

URL: <http://14.225.2.112:8182/sms-api/v1/api/sms/login>

METHOD: POST

Request header:

Content-Type: application/x-www-form-

urlencoded Request param:

Name	Type	Option	Length	Description
Username	String	M	200	Account name created by administrator
Password	String	M	200	Password created by Administrator

1.1.3 Response

```
{
  "status": 200,
  "result": "OK",
  "timestamp": 1585371643391,
  "data": {
    "access_token": "09da4490-d425-445e-b6cb-9a9e914c99e5",
    "scope": "trust read write",
    "token_type": "bearer"
  },
  "pageInfo": null,
  "errors": null
}
```

Note: Example when authorization failure:

```

{
  "status": 500,
  "message": "Authen failed",
  "timestamp": 1585374932808,
  "data": null,
  "pageInfo": null,
  "errors": null
}

```

1.2 API Send message

1.2.1 Description

This is the api to send a text to phone number.

1.2.2 Url Request

URL: <http://14.225.2.112:8182/sms-api/v1/api/sms/send>

METHOD: POST

Request header:

Name	Type	Option	Length	Description
Content-Type	String	M	200	application/x-www-form-urlencoded
Authorization	String	M	200	mã authen có dạng token_type + access_token
				“bearer 11b77bab-cc7c-4a65-9776-dc3fa235d8a4”

Request param:

Name	Type	Option	Length	Description
text	String	M	160	Message of SMS
msisdn	String	M	11	Phone number receive
clientId	String		20	Identity of client

1.2.3 Response

```
{
  "status": 200,
  "result": "OK",
  "timestamp": 1585371946268,
  "data": {
    "code": "1",
    "requestId": "20200228120545670242O6UenvXASk",
    "content": "Xin chao !",
    "msisdn": "0975312123"
  },
  "pageInfo": null,
  "errors": null
}
```

Detail response:

Name	Type	Description
code	String	1- success, 0-pending
requestId	String	This is unique to
text	String	Content of message
msisdn	String	Phone number of receiver
network	String	This is optional parameter 0 - unknown, 1 – Viettel mobile, 2 - Vinaphone, 3 - Mobifone, 4 - Vietnam mobile,5 - GTEL, 6 - SFone
smsType	String	This is optional parameter 0- sms otp, 1 - sms spam

*Note:*Example response when send error:

Error data request or other field data

```
{
  "status": 200,
  "result": "OK",
  "timestamp": 1585374550816,
  "data": {
    "message": "Số điện thoại không hợp lệ",
    "code": "0",
    "errorCode": 101
  },
  "pageInfo": null,
}
```

Token invalid:

```
{
  "error": "invalid_token",
  "error_description": "Invalid access token: 2a188df5-a6b6-4b66-
ba38-242864fb11d"
}
```

Detail response:

Name	Type	Description
result	String	Description about error or success
code	String	1-successs, 0-pending
errorCode	Integer	Refer error code table

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2.1 List error code of API

ErrorCode	Description
101	Phone number invalid
102	SMS content is empty
103	Max lenght of message need in 1-160 character
104	clientId is required
105	clientId invalid

106	Account is deactive
107	Limit TPS
401	authentication
511	Error not found
500	Error system

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