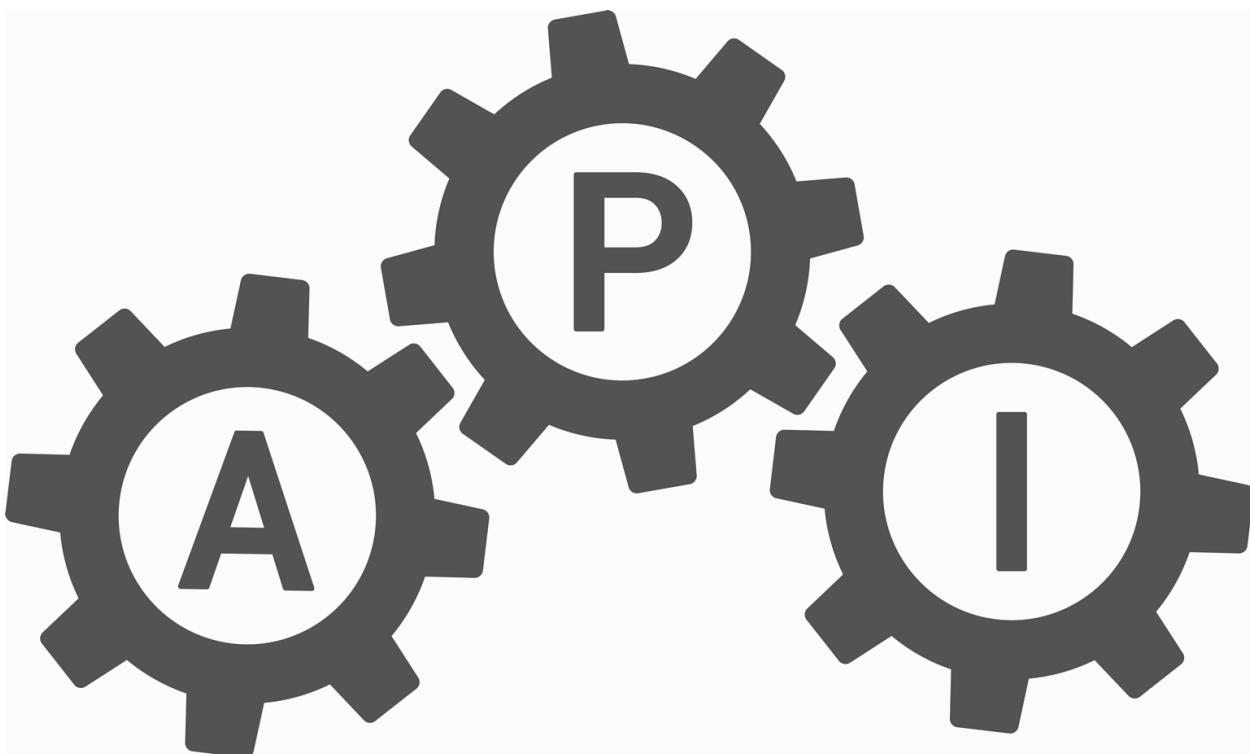


SMS



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I. Document Summary

DIDforSale API provides the developers a simple approach to integrate with the architecture. Here, we have documented all the requirements for using the SMS API. By using the SMS API, users are able to send/receive SMS.

Sending and Receiving SMS

How DIDforSale facilitates sending and receiving SMS through their phone numbers?

Figure 1.0 visually represents sending SMS from DIDforSale.



Figure 1.0

Figure 1.1 visually represents receiving SMS on DIDforSale phone numbers.



Figure 1.1

II. API Functions

1- SMS Activation

ProvisionSMS function allows user to activate their numbers for availing the SMS functionality. This API function works by using the below URL -

<https://www.didforsale.com/didforsaleapi/index.php/api/SMS/ProvisionSMS/APIkey>

Where,

“APIkey” is obtained from DIDforSale. The list of parameters we need to send in request are-

Req/Opt	Parameters	Type	Description	Example
Required	did	String	‘did’ number is a valid DIDforsale DID on which SMS is being activated.	1NPANXXXXXX
Required	action	String	This parameter takes simple string type value of “activate” for SMS activation	activate

The above request parameters are sent as CURL-POST Request.

```
curl -X POST -d 'did=
```

```
12xxxxxxxxxx&action=activate'https://www.didforsale.com/didforsaleapi/index.php/api/SMS/APIkey
```

The API response can have three parameters:

1. **Status:** Status can be true, blank or false.

True – means success

False - means SMS activation failed.

2. **Message:** Message will give the information about the request or response.
3. **Code:** It is the information parameter describing the message and can have the following values:

100 // Response is successful

AUTH_FAIL => 101, // Authentication failure

INVAL_PARAM => 102, // Invalid parameters

NOT_ALLOWED => 107, // Action not allowed through API

CREDIT_LOW => 108, // Credit balance is low

FAILED => 111, // Failure

SMS_INACTIVE => 113, // SMS is not active on number

SMS_ACTIVE => 114, // SMS is already active on number

When all the details sent in the request are correct, then the response generated in JSON will be like

```
{"status":true,"code":100,"message":"SMS has been activated on DID[12xxxxxxxxx]"}
```

If the requests will have some incorrect information, it will generate response with following details, where the false status is showing that the request was not correct.

```
{"status":false,"code":111,"message":"SMS couldn't be activated on DID[12xxxxxxxxx]"}
```

2 - Deactivate or Cancel SMS on a number

This function allows user to deactivate SMS functionality for their numbers. This API function works by using the below URL -

<https://www.didforsale.com/didforsaleapi/index.php/api/SMS/ProvisionSMS/APIkey>

Where,

“APIkey” is obtained from DIDforSale. The list of parameters we need to send in request are:

Req/Opt	Parameters	Type	Description	Example
Required	did	String	‘did’ number is a valid DIDForsale DID on which SMS is being cancelled.	1NPANXXXXXX
Required	action	String	This parameter takes simple string type value of “deactivate” for SMS deactivation	deactivate

The above request parameters are sent as CURL-POST Request.

`curl -X POST -d 'did= 12xxxxxxxx&action=deactivate'`

<https://www.didforsale.com/didforsaleapi/index.php/api/SMS/>

The API response can have following three parameters:

1. **Status:** Status can be true, blank or false.
`True – means success,`
`Blank and false - means fail.`
2. **Message:** Message will give the information about the request or response.

3. **Code:** It is the information parameter describing the message and can have the following values:

100 // Response is successful

AUTH_FAIL => 101, // Authentication failure

INVAL_PARAM => 102, // Invalid parameters

NOT_ALLOWED => 107, // Action not allowed through API

CREDIT_LOW => 108, // Credit balance is low

FAILED => 111, // Failure

SMS_INACTIVE => 113, // SMS is not active on number

SMS_ACTIVE => 114, // SMS is already active on number

When all the details sent in the request are correct, the response generated in JSON will be like

```
{"status":true,"code":100,"message":"SMS has been deactivated on DID[12xxxxxxxxx]"}
```

If the requests will have some incorrect information, it will generate response with following details, where the false status is showing that the request was not correct.

```
{"status":false,"code":111,"message":"SMS couldn't be deactivated on DID[12xxxxxxxxx]"}
```

3- *Send SMS:*

This function allows user to Send SMS from DID number to another number. This needs the user to send some information in the request and when these requests are successfully sent in the specified format, the response generated is sent back to the user.

This API function works by using the below URL -

<https://www.didforsale.com/didforsaleapi/index.php/api/SMS/Send/APIkey>

Where, “APIkey” is obtained from DIDforSale. The list of parameters we need to send in request are-

The list of parameters we need to send in request are-

Req/Opt	Parameters	Type	Description	Example
Required	from	String	From number – SMS activated DID number	12123xxxxxx
Required	to	array	It is an array of numbers to which we have to send SMS. Number should be min of 11 digits in the country code and number format and should not start with +, 00 or 011.	Array('1234xxxxxx', '1321xxxxxx')
Required	text	String	It is simple text message that we want to send .	'Test Message'

Before calling URL of sending SMS we need to JSON encode all the data which we have to send.

The above request parameters are sent as CURL-POST Request.

```
Curl -X POST -d '{"from":"12123xxxxxx","to":["23423xxxxxx", "54321xxxxxx"],"text":"Hello test"}'
```

<https://www.didforsale.com/didforsaleapi/index.php/api/SMS/Send/APIkey> -H'Content-Type: application/json'

The API response can have three following three parameters:

1. Status: Status can be true, blank or false.

True – means success,

Blank and false - means fail.

2. Message: Message will give the information about the request or response.

3. Code: It is the information parameter describing the message and can have the following values:

100 // Response is successful

AUTH_FAIL => 101, // Authentication failure

INVAL_PARAM => 102, // Invalid parameters

NOT_ALLOWED => 107, // Action not allowed through API

CREDIT_LOW => 108, // Credit balance is low

FAILED => 111, // Failure

SMS_INACTIVE => 113, // SMS is not active on number

SMS_ACTIVE => 114, // SMS is already active on number

When all the details sent in the request are correct, the response generated in JSON will be like:

```
{"status":true,"code":100,"message":"SMS has been sent successfully"}
```

If the requests will have some incorrect information, it will generate

response with following details, where the false status is showing that the request was not correct and SMS was not sent.

```
{"status":false,"code":111,"message":"SMS could not be sent"}
```