

Dizlee API Specification [Northbound] – Messaging

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Table of Contents

Dizlee API Specification [Northbound] – Messaging..... 1

Messaging API Specification..... 2

1 SendSMS (SMSMT) 3

 1.1 Request..... 3

 1.1.1 Header Parameters..... 4

 1.1.2 Request Parameters 4

 1.2 Response 5

 1.2.1 Response Parameters 5

2 SMSMO 6

 2.1 Request..... 6

 2.1.1 Header Parameters..... 6

 2.1.2 Request Parameters 6

 2.2 Response 6

3 Response Codes 7

Messaging API Specification

NOTE:

All APIs discussed under this section are RESTful APIs with a JSON payload where applicable.

API End Point Name	URI
Messaging	
SMSMT URL	Please Request
SMSMO URL	To Be Provided by Merchant

1 SendSMS (SMSMT)

HTTP Method POST

Operation Used by merchant to send information messages to the user

1.1 Request

```
curl --location --request POST 'https://[Dizlee API Endpoint]' \  
--header 'Content-Type: application/json' \  
--header 'apikey: {APIKey}' \  
--header 'HTTP_MSISDN: 9641234567890' \  
--data-raw '{  
  "smsRequestId": "[merchantCode]00003b26b140600ce5cc9296",  
  "subscriptionId": "[merchantCode]00003b26b140600ce5cc9296",  
  "sender": "[senderId]",  
  "receiver": " 9641234567890 ",  
  "language": "En",  
  "msgBody": "Test Message",  
  "aggregatorId": "[merchantName]",  
  "merchantId": "[merchantName]",  
  "product": "[productName] ",  
  "subProduct": "[subProductName] "  
}'
```

1.1.1 Header Parameters

Name	Description	Required
apikey	authentication key sent from Dizlee side	Y
HTTP_MSISDN	mobile phone number in international format	Y

1.1.2 Request Parameters

Name	Type	Description	Required
smsRequestId	String	A unique identifier of the sendSMS Transaction generated by [merchantName].It should be preceded by [merchantCode] as prefix.	Y
subscriptionId	String	A unique identifier that represents the user lifecycle since subscription. It should be preceded by [merchantCode] as prefix. Can be empty in the initial Client identification flow – but should be present in later SendSMS calls. * <i>subscriptionId</i> should be "SP" for onetime payment.	O
sender	String	Sender. Can be a short code, long code or text originator	Y
receiver	String	Countrycode + The user's mobile phone number in international format	Y
language	String	Message language "Ar" for Arabic, "En" for English	Y
msgBody	String	Message body of the MT in UTF-8 encoding	Y
aggregatorId	String	The northbound aggregator partner	Y
merchantId	String	The Owner of the product. [MERCHANTNAME] in our case	Y
product	String	Identifier of the product, in our case "[productName]"	Y
subProduct	String	Identifier of the subproduct in case if there are multiple subproducts types under the same product.	Y
SID	String	The Service ID (Will be provided by FOO) Mandatory in case of Single Purchase Services in KSA and KW flows.	O
PID	String	The Product ID (Will be provided by FOO) Mandatory in case of Single Purchase Services in KSA and KW flows.	O

1.2 Response

```
{  
  "status": "1",  
  "statusDetail": "Sms successfully sent."  
}
```

1.2.1 Response Parameters

Name	Type	Description
status	String	Status code
statusDetail	String	Free-form status description

2 SMSMO

HTTP Method POST

Operation Used by Telco Operator to send the user sub/unsub messages to the merchant

2.1 Request

```
curl --location --request POST 'https://[MerchantEndpoint]' \
--header 'authkey: [MerchantAuthKey]' \
--header 'Content-Type: application/json' \
--data-raw '{
  "Sender": "9641234567890",
  "Destination": "[SC]",
  "MessageType": "1",
  "MessageText": "014"
}'
```

2.1.1 Header Parameters

Name	Description	Required
authkey	authentication key sent from Merchant side	Y

2.1.2 Request Parameters

Name	Type	Description	Required
sender	String	The MSISDN that sent the SMS.	Y
destination	String	The Short code/number the SMS was sent to.	Y
messageType	String	The SMS language. "0" for English and "1" for Arabic.	Y
messageText	String	The content of the SMS.	Y

2.2 Response

Request Acknowledgement with 200 OK from the merchant

3 Response Codes

CODE	TYPE	DESCRIPTION
1	OK	Successful Operation
-100	Missing param/value	Missing param/value
-101	Authentication error	You are not authorized to perform this request
-200	Cannot perform action	Unable to perform action.
-303	Sending SMS Failed.	Sending SMS Failed.
-308	Unknown error from Opco	Unknown error.
-311	Bad MSISDN	User not found.
-429	Too Many Requests	Requests rate limit reached, please contact support
-500	Internal Error	Something went wrong.
-504	Timeout occurred on Opco side	Gateway Timeout

