



API Documentation

Release Version 1 Beta

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1 Base URL

All requests to Promotexter API must be submitted to the base URL using **GET** or **POST** method. When using POST, set the Content-Type header to 'application/json' and pass the parameters in the payload.

<https://rest-portal.promotexter.com>

2 Authentication

All API requests must come with these **mandatory parameters**:

Parameter	Description
apiKey	API Pass Key set for the user
apiSecret	API Secret Key Password set for the user

These parameters are managed in the user management module in the web tool.

Obtain your apiKey and apiSecret using the API Key Generation feature from the Promotexter Menu once logged in: <https://portal.promotexter.com/settings/api-settings/authentication-settings>

3 Methods

3.1 Send SMS

[/sms/send](#)

3.1.1 Request Parameters

<i>API Parameters</i>	
from	<p>Required.</p> <p>An alphanumeric string giving your sender address. For example, MyCompany. This is also called the SenderID.</p> <p>SenderIDs must be whitelisted in your account for all mobile carriers to be used.</p> <p>Country-specific restriction applies. <See appendix: Country Specific Features and Restrictions></p>
to	<p>Required.</p> <p>A single mobile number in international format, with country code but without “00” or “+”, eg 185000000000 (USA), 447890000000 (UK), 852200000000 (HK), 639000000000 (Philippines),</p> <p>Mobile numbers starting with ‘0’ will be treated as a local mobile number of the country set to the account.</p> <p>ie: if this number is used, 061658910 and the country set to the account is Denmark, then 0 will be converted to the country prefix 45. Hence, the number will be re-written to 4561658910.</p>
text	<p>Required.</p> <p>The SMS body. Message must be in UTF-8 format and URL encoded .</p> <p>Standard - Max 5 parts of SMS (765 standard gsm characters or 335 Unicode characters).</p> <p>Philippines - Max 3 parts of SMS. (459 standard gsm characters)</p>

referenceId	This is an ID that the client can send with the API call for identifying the multiple transactions in the client system.
dlrReport	Set to "1" to receive Delivery Receipt.
dlrCallback	A URL endpoint to where the DLRs will be forwarded. This is required if dlrReport is set to "1"

3.1.2 Response

3.1.2.1 Success

JSON Response

```
{
  "status" : "ok",
  "message" : {
    "id" : "<generated uuid>",
    "unitCost" : "<cost of the transaction>",
    "messageParts" : "<message parts>",
    "transactionCost" : "<transaction price>",
    "remaining" : "<remaining balance>",
    "from" : "<from>",
    "to" : "<internationalized value of TO param>",
    "operatorCode" : "<operator code>",
    "source" : "<ip address of sender>"
  }
}
```

Response fields

Key	Value
id	A unique identifier of the transaction assigned by the Promotexter API. We will be using the <id> when we send the DLR
unitPrice	The price of the message per part
transactionPrice	The price of the transaction. This is basically <unitPrice> * parts
messageParts	The number of SMS parts the message has

remaining	How much credit left in the account
from	The <from> parameter in the request
to	The <to> parameter in the request
operatorCode	This is the operator the mobile number <to> parameter is tagged with.

3.1.2.2 Error

JSON Response

```
{
  "statusCode" : "<HTTP Error code>",
  "error" : "<HTTP error description>",
  "message" : "<error extended description>"
}
```

Error types:

HTTP Error Code	Type	Description
401	Authentication Error	apiKey and apiSecret must be valid and active
400	Missing Parameter	Required params: apiKey apiSecret from to text
400	Invalid mobile number	to parameter - must be a valid mobile number format. No prefix for recipient Number of digits is less than the country min_length or greater than the country max_length
400	Invalid SenderID	from parameter - must be whitelisted in the account Sender ID not whitelisted

400	Invalid IP	If whitelisting is enabled and the source IP is not in the list.
400	Insufficient credit	The transaction cost is greater than the remaining balance. No credit
400	DLR Callback Required	dlrCallback parameter is required when dlrReport is set to 1
400	Non-Account User	User does not belong to an account
400	Message Length Error	Message length exceeds the valid message parts (3 for Philippines, 5 for non-Philippines)
400	Invalid Callback URL Format	Needs at least the http or https protocol, the hostname and the path
429	Sending too fast	The number of requests are higher than the set limit Transactions will be rejected.

3.1.3 Settings

Sending Speed	The number of requests that can be sent in a second.	5 TPS
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** If you need more speed, please contact your account manager.*

3.1.4 Callback URL

The DLR can be forwarded to a callback URL either as part of the API call or by configuring it in the account settings.

Placeholder variables and what we are going to replace it with:

Variable	Description	Auto-append field
%t	UTC timestamp will be added here. This	_timestamp

	represents the time we received and forwarded the DLR status	
%i	The generated transaction ID the API returned from the original API request.	_id
%d	DLR Status Code 1 - Delivered 2 - Bounced 8 - In-transit 16 - Rejected	_status

Alternatively, if the system did not find the variables as listed above, it will automatically append the data using the Auto-append field.

The callback URL endpoint must respond with **HTTP 200 OK**.

3.1.4.1 Settings

Variable	Value
retries	3 retries. The system will request to the callback URL a maximum of 3 times.
Request timeout	3 seconds. The system will wait for 3 seconds timeout before cutting the connection if no reply. Please ensure that your system responds within 3 seconds.
Forwarding concurrency	30 transactions. Maximum 30 concurrent transactions that we will forward to the callback URL.
Request Speed	1 request per second

3.2 Get a list of sent transactions

[/sms/transactions](#)

3.2.1 Request Parameters

API Parameters	
page	A number which would represent the wanted page <i>Default: 1</i> <i>Format: Number</i>
limit	A number which would represent the number of transactions wanted per page <i>Default: 10</i> <i>Max: 100</i> <i>Format: Number</i>
dateFrom	The starting date of the list the client want to pull <i>Default: null</i> <i>Format: YYYY-MM-DD</i>
dateTo	The end date of the transaction list the client want to pull <i>Default: null</i> <i>Format: YYYY-MM-DD</i>
to	Optional filter. Recipient of the message <i>Default: null</i> <i>Format: Mobile number with country code (e.g. 639000000000)</i>
from	Optional filter. Sender ID used in the transactions <i>Default: null</i> <i>Format: Max. 11 Alpha Characters</i>
referenceId	Optional filter. Search by referenceId <i>Default: null</i> <i>Format: Alphanumeric max. 32 characters</i>

id	Optional filter. Search by transaction ID <i>Format: UUID</i>
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3.2.2 Response

3.2.2.1 Success

JSON Response

```
{
  "status" : "ok",
  "data" : {
    list : [
      {
        "id" : <transaction uuid>,
        "referenceId" : <referenceId from the original request>,
        "dateCreated" : <UTC date when the transaction is created>,
        "to" : <to>,
        "from" : <from>,
        "message" : <message>,
        "status" : <dlr status>,
        "operatorCode" : <operator code>,
        "unitCost" : <unit price>,
        "transactionCost" : <transaction price>,
      },
      {
        "id" : <transaction uuid>,
        "referenceId" : <referenceId from the original request>,
        "dateCreated" : <UTC date when the transaction is created>,
        "to" : <to>,
        "from" : <from>,
        "message" : <message>,
        "status" : <dlr status>,
        "operatorCode" : <operator code>,
        "unitCost" : <unit price>,
        "transactionCost" : <transaction price>,
      }
    ],
    limit: <limit parameter>,
    page: <page parameter>,
    dateFrom : <dateFrom>,
    dateTo : <dateTo>,
  }
}
```

Response fields

Key	Value
id	A unique identifier of the transaction assigned by the Promotexter API. We will be using the <id> when we send the DLR
unitPrice	The price of the message (per single part)
messageParts	The number of SMS parts the message has.
transactionPrice	The price of the transaction. This is basically (<unitPrice> x parts)
from	The <from> parameter in the request
to	The <to> (mobile number) parameter in the request
operatorCode	This is the operator the mobile number <to> parameter is tagged with.

3.2.2.2 Error

JSON Response

```
{
  "statusCode" : "<HTTP Error code>",
  "error" : "<HTTP error description>",
  "message" : "<error extended description>"
}
```

Error types:

HTTP Error Code	Type	Description
401	Authentication Error	apiKey and apiSecret must be valid and active
400	Missing Parameters	Required params: apiKey apiSecret
400	Invalid Date Format	Valid date format YYYY-MM-DD

400	Invalid Date Range	Date from should not be later than the Date To parameter
403	Ip not whitelisted	IP Whitelisting is enabled and the IP address is not part of the list
429	Sending too fast	The number of requests are higher than the set limit Transactions will be rejected.

3.3 Get a single sent transaction

[/sms/transactions/{id}](#)

3.3.1 Request Parameters

API Parameters

id	The id generated by the API.
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3.3.2 Response

3.3.2.1 Success

JSON Response

```
{
  "status" : "ok",
  "data": {
    "id": "778bf5e7-5b28-43bc-b21f-03155ad875d3",
    "dateCreated": "2016-04-01T05:51:52.000Z",
    "to": "639192516979",
    "from": "<sender id>",
    "text": "<message>",
    "status": "delivered",
    "operatorCode": "PHL_SMART",
    "unitPrice": 0.975,
    "transactionPrice": 0.975
  }
}
```

Response fields

Key	Value
id	A unique identifier of the transaction assigned by the Promotexter API. We will be using the <id> when we send the DLR
unitPrice	The price of the message (single part)
transactionPrice	The price of the transaction. This is basically <unitPrice> * parts
from	The <from> parameter in the request
to	The <to> (mobile number) parameter in the request
operatorCode	This is the operator the mobile number <to> parameter is tagged with.
status	Delivery status with the following values: in-transit, delivered, bounced, rejected, error

3.3.2.2 Error

JSON Response

```
{
  "statusCode" : "<HTTP Error code>",
  "error" : "<HTTP error description>",
  "message" : "<error extended description>"
}
```

Error types:

Error Code	Type	Description
400	Missing Parameters	Required params: apiKey apiSecret
401	Authentication Error	apiKey and apiSecret must be valid and active
403	Ip not whitelisted	IP Whitelisting is enabled and the IP address is not part of the list

404	Transaction not found	Verify the reference ID
429	Sending too fast	The number of requests are higher than the set limit Transactions will be rejected.

3.3.3 Settings

Sending Speed	The number of requests that can be done in a second.	5 TPS
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