

SMSAPI v1.1 Documentation

SMSAPI v1.1 [↗](#)

SendSMS API Request [↗](#)

This is what our system expects from your request's body.

Attributes [↗](#)

Name string

[Required] ROX_API_Request - You Send this to Red Oxygen (https://api.completesms.net/smsapi/send)

Version string

[Required] Denotes the version of the API the request is following (ROX will add new versions, but will never change old versions).

Product string

[Required] This is a string identifier to describe your application. It is used for reporting and auditing purposes only.

Sender object

[Required] Who is sending the request.

▼ Expand for attributes

Sender.**AccountId** string

[Required] The customer's Red Oxygen Account Id.

Sender.**Username** string

[Required] The email address of the registered user.

Sender.**Password** string

[Required] The above user's password as registered with Red Oxygen.

Examples [↗](#)

API Endpoint [↗](#)

```
1 POST https://api.completesms.net/smsapi/send
```

API Request JSON [↗](#)

```
1 {
2   "Name": "ROX_API_Request",
3   "Version": "1.1",
4   "Product": "YourProductName",
5   "Sender": {
6     "AccountId": "CI00000001",
7     "Username": "user@your_domain.com",
8     "Password": "myPassword"
9   },
10  "Messages": {
11    "ReceiptFlag": 1,
12    "ReceiptCallbackURL":
13      "http://www.your_domain.com/Receipt",
14    "ReplyType": "H",
15    "ReplyCallbackURL":
16      "http://www.your_domain.com/Reply",
17    "TimeZoneOffset": -600,
18    "SendLater": "01-Jan-2030 00:00:01",
19    "Count": 2,
20    "1": {
21      "DestTn": "+61111222333",
22      "DestName": "MyFirstCustomersName",
23      "DestEmail": "firstcustomer@email.com",
24      "SMSText": "The first example message"
25    },
26    "2": {
27      "DestTn": "+61111222334",
28      "DestName": "MySecondCustomersName",
29      "DestEmail": "secondcustomer@email.com",
30      "SMSText": "The second example message"
31    }
32  }
33 }
```

Messages object

[Required] Object for the actual message(s) being sent.

▼ Expand for attributes

Messages.**ReceiptFlag** integer

[Required] 1=yes, 0=No, 2=Receipt_On_Error

Messages.**ReceiptCallbackURL** nullable string

[Only required as an attribute when ReceiptFlag > 0] If NULL or Callback Fails, Receipt will be forwarded to email.

Messages.**ReplyType** string

[Required] Replies via E=Email, S=SMS, B=Both, H=Http Callback

Messages.**ReplyCallbackURL** nullable string

[Only required when ReplyType=H] If NULL or Callback Fails, Reply will be forwarded to email.

Messages.**TimeZoneOffset** integer

[Required] Your timezone offset in minutes e.g.
UTC+10:00 = -600

Messages.**SendLater** string

[Optional] The datetime to send the message in 24 hour time i.e. "01-Jan-2030 00:00:01" would be one second past midnight in the year 2030. Corresponds with the TimeZoneOffset field.

Messages.**Count** integer

[Required] This should equal the number of recipients (Maximum 500)

Messages.**GlobalText** string

[Optional] If GlobalText is specified, this will be the message that will go to ALL recipients.

Messages.**[Number 0 - 500]** object

[Required] These are the objects that contains the individual messages to be sent and the attribute name is the corresponding number for the send e.g. the first send would be “1”. There can be up to 500 of these and these message objects should be numbered and ordered accordingly.

▼ Expand for attributes

1.**DestTn** string

[Required] The destination for the send. For best Results include a fully internationally qualified phone number.

1.**DestName** string

[Optional] Optional, useful for replies

1.**DestEmail** string

[Optional] Optional, useful for replies

1.**SMSText** string

[Semi-Optional] if GlobalText is specified it will override anything here.

SendSMS API Response [🔗](#)

This is what our system will return as a response.

Attributes [🔗](#)

Name string

ROX_API_Response - Red Oxygen server will respond with the following.

Result string

Examples [🔗](#)

API Response JSON [🔗](#)

```
1 {
2   "Name": "ROX_API_Response",
3   "Result": "0000",
4   "ResultText": "Success",
5   "Version": "1.1",
6   "Messages": {
7     "Count": 1,
```

Success="0000", Authentication Errors⇒"2001"- "2010" and
Sending Errors⇒"2011"- "2100"

ResultText string

Contains error message when Result > 0000 - Attribute Type
String(4000)

Version string

Denotes the version of the API used by the above request

Messages string

Object representing message(s) that were queued for
sending.

```
8      "RequestId": "12092004391358440",
9      "1": {
10         "SMSId": 123,
11         "DestTn": "+61111222333",
12         "Result": "0000",
13         "ResultText": "Queued",
14         "Timestamp": "2024-09-20T04:39:13.819Z"
15     },
16     "2": {
17         "SMSId": 124,
18         "DestTn": "+61111222334",
19         "Result": "0000",
20         "ResultText": "Queued",
21         "Timestamp": "2024-09-20T04:39:13.819Z"
22     }
23 }
24 }
```

▼ Expand for attributes

Messages.**Count** integer

This should equal the number of recipients. Maximum
500

Messages.**RequestId** string

An identifier unique to each request.

Messages.**[Number 0 - 500]** object

[Required] These are the objects that contains the
individual messages that were sent and the attribute
name is the corresponding number for the send e.g. the
first send would be "1". There can be up to 500 of these.

▼ Expand for attributes

1.**SMSId** integer

An identifier unique to each SMS to be sent.

1.**DestTn** string

We will return the fully internationally qualified
phone number.

1.Result string

Success="0000", and Sending Errors⇒"2011"-
"2100"

1.ResultText string

Contains error message when Result > 0000 -
Attribute Type String(4000)

1.Timestamp string

The timestamp for which the message was
queued.

Delivery Receipt [🔗](#)

```
1 exports.js = {
2   openapi: "3.1.0",
3   info: {
4     title: "SendSMS",
5     description: "This API allows Red Oxygen customers to make and queue up messages for sending via API.",
6     version: "1.0.0",
7   },
8   paths: {
9     "/smsapi/send": {
10      post: {
11        summary: "sends message(s)",
12        description: "Authenticates and queues message(s) for sending",
13        requestBody: {
14          description: "Authenticates and queues message(s) for sending",
15          required: true,
16          content: {
17            "application/json": {
18              schema: {
19                type: "object",
20                properties: {
21                  Name: {
22                    type: "string",
23                  },
24                  Product: {
25                    type: "string",
26                  },
27                  Version: {
28                    type: "string",
29                  },
30                  Sender: {
```

```

31         type: "object",
32         properties: {
33             AccountId: {
34                 type: "string",
35             },
36             Username: {
37                 type: "string",
38             },
39             Password: {
40                 type: "string",
41             },
42         },
43     },
44     Messages: {
45         type: "object",
46         properties: {
47             ReceiptFlag: {
48                 type: "number",
49             },
50             ReceiptCallbackURL: {
51                 type: "string",
52             },
53             ReplyType: {
54                 type: "string",
55             },
56             ReplyCallbackURL: {
57                 type: "string",
58             },
59             TimeZoneOffset: {
60                 type: "number",
61             },
62             SendLater: {
63                 type: "string",
64             },
65             Count: {
66                 type: "number",
67             },
68             GlobalText: {
69                 type: "string",
70             },
71         },
72         additionalProperties: {
73             type: "object",
74             properties: {
75                 DestTn: {
76                     type: "string",
77                 },
78                 DestName: {
79                     type: "string",
80                 },
81                 DestEmail: {
82                     type: "string",
83                 },
84                 SMSText: {
85                     type: "string",
86                 },
87             },
88             required: ["DestTn", "DestName", "DestEmail"],

```

```

89         },
90         required: ["ReceiptFlag", "ReplyType", "TimeZoneOffset", "Count"],
91         minProperties: 5,
92         maxProperties: 507,
93     },
94 },
95 },
96 example: {
97     Name: "ROX_API_Request",
98     Version: "1.1",
99     Product: "YourProductName",
100    Sender: {
101        AccountId: "CI00000001",
102        Username: "user@your_domain.com",
103        Password: "myPassword",
104    },
105    Messages: {
106        ReceiptFlag: 1,
107        ReceiptCallbackURL: "http://www.your_domain.com/Receipt",
108        ReplyType: "H",
109        ReplyCallbackURL: "http://www.your_domain.com/Reply",
110        TimeZoneOffset: -600,
111        SendLater: "01-Jan-2030 00:00:01",
112        Count: 2,
113        1: {
114            DestTn: "+61111222333",
115            DestName: "MyFirstCustomersName",
116            DestEmail: "firstcustomer@email.com",
117            SMSText: "The first example message",
118        },
119        2: {
120            DestTn: "+61111222334",
121            DestName: "MySecondCustomersName",
122            DestEmail: "secondcustomer@email.com",
123            SMSText: "The second example message",
124        },
125    },
126 },
127 },
128 },
129 },
130 responses: {
131     200: {
132         description: "Success",
133         content: {
134             "application/json": {
135                 schema: {
136                     type: "object",
137                     properties: {
138                         Name: {
139                             type: "string",
140                         },
141                         Result: {
142                             type: "string",
143                         },
144                         ResultText: {
145                             type: "string",
146                         },

```

```
147         Messages: {
148             type: "object",
149             additionalProperties: {
150                 type: "object",
151                 properties: {
152                     SMSId: {
153                         type: "string",
154                     },
155                     DestTn: {
156                         type: "string",
157                     },
158                     Result: {
159                         type: "string",
160                     },
161                     ResultText: {
162                         type: "string",
163                     },
164                     Timestamp: {
165                         type: "string",
166                     },
167                 },
168             },
169             minProperties: 1,
170             maxProperties: 500,
171         },
172     },
173 },
174 },
175 },
176 },
177 },
178 },
179 },
180 },
181 };
182
```