



CompleteSMS:

# API Documentation

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## Send SMS—Request

```
{
  "Name": "ROX_API_Request",
  "Version": 1.1,
  "Product": "YourProductName",
  "Sender": {
    "AccountId": "CI00000001",
    "Username": "user@your_domain.com",
    "Password": "myPassword"
  },
  "Messages": {
    "ReceiptFlag": 1,
    "ReceiptCallbackURL": "http://www.your_domain.com/Receipt",
    "ReplyType": "H",
    "ReplyCallbackURL": "http://www.your_domain.com/Reply",
    "TimeZoneOffset": -600,
    "SendLater": "01-Jan-2030 00:00:01",
    "Count": 500,
    "GlobalText": "When the same message text is to be sent to all recipients",
    "1": {
      "DestTn": "+61407555001",
      "DestName": "MyFirstCustomersName",
      "DestEmail": "MyFirstCustomersEmail",
      "SMSText": "When you wish to taylor individual messages to each recipient."
    },
    "2": {
      "DestTn": "+61407555002",
      "DestName": "MySecondCustomersName",
      "DestEmail": "MySecondCustomersEmail",
      "SMSText": "When you wish to taylor individual messages to each recipient."
    },
    ...
    "500": {
      "DestTn": "+61407555500",
      "DestName": "MyFiveHundredthCustomersName",
      "DestEmail": "MyFiveHundredthCustomersEmail",
      "SMSText": "When you wish to taylor individual messages to each recipient."
    }
  }
}
```

```
//ROX_API_Request - You Send this to Red Oxygen (https://awsap.redoxygen.net/smsapi/send)
// Denotes the version of the API the request is following (ROX will add new versions, but will never change old versions)
// This is a string identifier to describe your application. It is used for reporting and auditing purposes only
// Who is sending the request
// The customer's Red Oxygen Account Id
// The email address of the registered user
// The above users password as registerd with Red Oxygen
```

```
// 1=yes, 0=No, 2=Receipt_On_Error
// Only required when ReceiptFlag > 0 (If NULL or Callback Fails, Receipt will be forwarded to email.)
// Replies via E=Email, S=SMS, B=Both, H=Http Callback
// Only required when ReplyType=H (If NULL or Callback Fails, Reply will be forwarded to email.)
// Eg. UTC+10:00 = -600
// I.e. One second past midnight in the year 2030 Hours are in 24 hour time. Corresponding to the TimeZoneOffset field
// This should equal the number of recipients below. Maximum 500
// Optional GlobalText is specified, this message will go to ALL recipients
```

```
// For best Results include a fully internationaly qualified phone number.
// Optional, useful for replies
// Optional, useful for replies
// Semi-Optional if GlobalText is specified it will override anything here.
```

```
//...
```

```
// ==>
```

## Send SMS—Response

```
{
  "Name": "ROX_API_Response",
  "Version": 1.1,
  "Result": "0000",
  "ResultText": "Success",
  "Messages": {
    "Count": 500,
    "RequestId": "123e4567-e89b-12d3-a456-426614174000",
    "1": {
      "SMSId": "123e4567-e89b-12d3-a456-426614174001",
      "DestTn": "+61407555001",
      "Result": "0000",
      "ResultText": "Queued",
      "Timestamp": "01-Jan-2030 00:00:01 (UTC)"
    },
    "2": {
      "SMSId": "123e4567-e89b-12d3-a456-426614174002",
      "DestTn": "+61407555002",
      "Result": "0000",
      "ResultText": "Queued",
      "Timestamp": "01-Jan-2030 00:00:01 (UTC)"
    },
    ...
    "500": {
      "SMSId": "123e4567-e89b-12d3-a456-426614174000",
      "DestTn": "+61407555002",
      "Result": "0000",
      "ResultText": "Queued",
      "Timestamp": "01-Jan-2030 00:00:01 (UTC)"
    }
  }
}
```

```
// ROX_API_Response - Red Oxygen server will respond with the following.
// Denotes the version of the API used by the above request
// Success="0000", Authentication Errors==>"2001"->"2010" and Sending Errors==>"2011"->"2100"
// Contains error message when Result > 0000 - Attribute Type String(4000)
```

```
// This should equal the number of recipients below. Maximum 500
// An identifier unique to each request.
```

```
// An identifier unique to each SMS to be sent.
// We will return the fully internationally qualified phone number.
// Success="0000", and Sending Errors==>"2011"->"2100"
// Contains error message when Result > 0000 - Attribute Type String(4000)
```

```
//...
```

## Delivery Receipt

```
{
  "Name": "ROX_API_Receipt",
  "Version": 1.1,
  "Sender": {
    "AccountId": "CI00000001",
    "Username": "user@your_domain.com"
  },
  "Messages": {
    "RequestId": "123e4567-e89b-12d3-a456-426614174000",
    "Receipt": {
      "SMSId": "123e4567-e89b-12d3-a456-426614174001",
      "DestTn": "+61407555001",
      "Result": "0000",
      "ResultText": "Delivered",
      "Timestamp": "01-Jan-2030 00:00:01 (UTC)"
    }
  }
}
```

```
{
  "Name": "ROX_API_Receipt_Response",
  "Version": 1.1,
  "Result": "0000",
  "ResultText": "OK",
}
```

```
// ROX_API_Receipt - Red Oxygen will call Your Receipt callback URL (http://www.your_domain.com/Receipt) with the following
// Denotes the version of the API used by the original request
// Who sent this SMS
// The customer's Red Oxygen Account Id
// The email address of the registered user
```

```
// The corresponding RequestId returned in the ROX_API_Response above
// The corresponding SMSId returned in the ROX_API_Response above
// We will return the fully internationaly qualified phone number.
// (0000)=Success, and (2011-2100)=Sending Errors
// Contains error message when Result > 0000 - Attribute Type String(4000)
// When the Receipt from the carrier was received by Red Oxygen (in UTC time)
```

```
// ==>
```

```
// ROX_API_Receipt_Response - You should respond with this
// Denotes the version of the API used by the above request
// Success="0000", and Sending Errors==>"2011"->"2100"
// Contains error message when Result > 0000 - Attribute Type String(4000)
```

## Replies

```
{
  "Name": "ROX_API_Reply_Response",
  "Version": 1.1,
  "Sender": {
    "AccountId": "CI00000001",
    "Username": "user@your_domain.com"
  },
  "Messages": {
    "RequestId": "123e4567-e89b-12d3-a456-426614174000",
    "Reply": {
      "SMSId": "123e4567-e89b-12d3-a456-426614174001",
      "ReplyFrom": "+61407555001",
      "ReplyText": "Thanks No Problem",
      "SMSText": "Where the last SMS you sent was: ...",
      "Timestamp": "01-Jan-2030 00:00:01 (UTC)"
    }
  }
}
```

```
// ROX_API_Reply - Red Oxygen will call Your Reply callback URL (http://www.your_domain.com/Reply) with the following
// Denotes the version of the API used by the original request
// Who is sent the original SMS this reply pertains to.
// The customer's Red Oxygen Account Id
// The email address of the registered user
```

```
// The corresponding RequestId returned in the ROX_API_Response above
```

```
// The corresponding SMSId returned in the ROX_API_Response above
// We will return the fully internationaly qualified phone number
// Contains the Reply text - Attribute Type String(4000)
// Contains the last text you sent to this number - Attribute Type String(4000)
// When the reply was received by Red Oxygen (in UTC time)
```

```
// ==>
```

```
{
  "Name": "ROX_API_Reply_Response",
  "Version": 1.1,
  "Result": "0000",
  "ResultText": "OK",
}
```

```
// ROX_API_Reply_Response - You should respond with this
// Denotes the version of the API used by the above request
// (0000)=Success, and (2011-2100)=Sending Errors
// Contains error message when Result > 0000 - Attribute Type String(4000)
```