

Overview

The MaxoTel API is intended for users developing applications that automate specific MaxoTel features. The API supports POST over HTTP (Port 80), providing the following functionality;

- Send SMS (Short Messaging Service) Messages
- Initiate a call from a MaxoTel Extension

Authentication

All requests to the API must be authenticated using an API key provided by MaxoTel that is unique to each account. Consisting of 50 alphanumeric characters, the API key is generated from the 'Options' page of the online account portal.

Sending SMS (Short Messaging Service) Messages

The API allows sending of an SMS message to any Australian mobile number (Excluding premium services). Messages are queued for immediate delivery, delivery scheduling is not a feature provided by the API.

Command:

`http://api.maxo.com.au/pages/na.php?v=99&action=sendsms&txtto=040000000000&fromphnumber=04000000000&key=xxxxxx&txtmessage=Test Message`

Variables:

txtto: Intended recipient of message to be sent, must be 10 digit mobile number

fromphnumber: Phone number that recipient will see as from address, must be 10 digit mobile number and phone number must be pre authenticated via the online account portal for message to be accepted

key: 50 digit MaxoTel API Key

txtmessage: Body of the SMS message consisting of alphanumeric characters. As per SMS technical specifications, a message is limited to 160 characters. Where the txtmessage variable exceeds 160 characters, multipart messages will be sent, with a charge applied to the MaxoTel account for each 160 character message.

API Response:

The following indicates a successfully sent SMS message, BALANCE showing the balance of the account that the SMS was sent from, SMSCOST showing the total cost to send the SMS;

```
A|/|SMSVERIFYRESPONSE|/|RIGHT|/|SMS Sent  
Successfully!|/|BALANCE|/|SMSCOST|/|
```

The following indicates a failure to send an SMS message due to the FROMPHNUMBER either being incorrectly entered, or the specified number has not been pre authenticated;

```
A|/|SMSVERIFYRESPONSE|/|WRONG|/|You are not authorised to send from that  
number.|/|
```

The following indicates a failure to send an SMS message due to the key variable being set incorrectly, or API access is not enabled (See 'Options' page within online account portal)

```
A|/|BADKEY|/|Your API Key seems to be incorrect. Please re-enter your  
username and password.|/|
```

Initiate a Call From a MaxoTel Extension

Typically used to provide Click-To-Call functionality, the API allows a call to be initiated from a MaxoTel extension to another party. The receiving party may be any phone number supported by the MaxoTel VoIP dial plan, including 5 digit extension numbers and Hosted PBX extension numbers (When prefixed with the MaxoTel assigned Hosted PBX extension).

Due to the inclusion of specific SIP Headers, where the initiating extension is a Linksys device that supports Auto Answer, calls to the initiating party will be automatically answered and speakerphone activated.

The initiating party will see a Caller ID of 60001. The receiving party will be presented with the default CLIP assigned to the initiating callers extension within the online account portal.

Where a call is initiated from an extension that is offline, the API will still process the request and return a success code. This is appropriate behavior and not a design flaw, as per calls that do not utilise the API.

Command:

`http://api.maxo.com.au/pages/na.php?v=99&action=initiatecall&fromextension=7xxxx&callto=04xxxxxxxx&key=xxxxxx`

Variables:

fromextension: 5 digit MaxoTel assigned extension number of the initiating party

callto: The number the initiating party wishes to call

key: 50 digit MaxoTel API Key

API Response:

The following indicates a successfully initiated call;

`A|/|CALLRESPONSE|/|ACCEPTED|/|`

The following indicates that the attempt to create a call failed. This may be because you entered an invalid initiating extension number, or the account to which the API key is assigned has insufficient funds to place a call to the destination specified;

`A|/|CALLRESPONSE|/|DECLINED|/|`