

Slybroadcast

API Documentation

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1. MobileSphere's slybroadcast API

MobileSphere has developed and deployed an API solution for its Slybroadcast Voice Messaging for Business audio delivery voicemail platform to facilitate the integration of its solution for third party providers. The API offers a simple and secure method to submit transaction data to MobileSphere's voice mail delivery platform. All transactions will require specific information that indicates to the gateway that the transaction is authentic and that it has been submitted for processing with the client's knowledge. The API can handle all the necessary steps in the secure transaction process – data collection, data submission and audio file delivery to voicemail – while keeping the process virtually transparent to its end user. The API's primary function is to collect the audio file, the destination landline or mobile number(s) and the caller ID of the originating number.

To integrate to the slybroadcast API, clients must be able to construct an HTML form that can generate and post information to:

<https://www.mobile-sphere.com/gateway/vmb.php>

Hosting providers must have a server scripting or CGI capability such as ASP, PHP, Perl, or JSP.

To receive a status of each call, MobileSphere uses webhook. The POST HTTP Form method is used. Clients should provide a URL to which each call status data can be posted automatically. This is *optional*.

Example: `c_dispo_url="https://www.yoursite.com/results"`

2. Campaign Variables & Definitions

IMPORTANT: Please make sure to encode values containing URL information. All campaigns are sent out in Eastern Time and must use be submitted in military time (HH:MM:SS). Example: 5:00pm = 17:00:00

| <u>Variable Name</u> | <u>Definition</u> | <u>Example</u> |
|----------------------|--|-------------------------------------|
| c_uid | Your Email Address | value="admin@mobile-sphere.com" |
| c_password | Your Password | value="12345678" |
| c_url | URL for audio file if recorded elsewhere | value="http://www.yoursite.com/wav" |



| | | |
|------------------|--|--|
| c_audio | Audio file type (WAV or Mp3) | value="WAV" |
| c_record_audio | Audio file name if recorded through the Slybroadcast Recording Center | name="MeetupRecording1" |
| c_phone | Destination phone numbers Max: 10,000 per submission | value="6173999980,6173999981" |
| session_id | Session/Campaign ID created automatically by system when creating a campaign | value="9123456789" |
| c_callerID | Caller ID of campaign | value="6173999980" |
| c_date | Date/Time of delivery (EST) YYYY-MM-DD HH:MM:SS *Must use military time format. | value="2015-12-31 15:00:00" value="now" |
| mobile_only | Campaign sent to mobile numbers only | value="1" |
| c_endtime | End Time for campaign (EST) HH:MM:SS *Must use military time format. | value="17:59:59" |
| c_sys_audio_name | Use ONLY if sending the system file name of your audio file | value="r18904b140407197964.wav" |
| c_dispo_url | URL that will receive call status post backs | value=https://www.yoursite.com/results" |

3. Verify Username and Password

To verify your slybroadcast Username and Password, the following parameters are required.

```

18
19 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
20 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
21 <input type="text" name="c_password" value="12345678">
22 <input type="text" name="c_option" value="user_verify">
23
24
25 Possible Return Responses:
26
27 OK
28
29 ERROR
30 c_uid and/or c_password are wrong
31

```



4. Campaign/Call Status

If all required variables are qualified, using the POST method, the MobileSphere gateway will send back an acknowledgement ACK as 'OK'. Otherwise, the it will send back an error message indicating the missing variables.

***If the c_dispo_url is used, clients must acknowledge receipt of each call status by returning 'OK'.**

Below is an example of a successful campaign submission.

```
1
2 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
3   User ID: <input type="text" name="c_uid" value="admin@mobile-sphere.com">
4   Password: <input type="password" name="c_password" value="12345678">
5   <input type="text" name="c_phone" value="6173999981,6173999982,6173999983">
6   <input type="text" name="c_record_audio" value="Meetup1">
7   <input type="hidden" name="c_callerID" value="6173999980">
8   <input type="hidden" name="c_date" value="now">
9   <input type="hidden" name="mobile_only" value="1">
10  <input type="submit" value="submit">
11 </form>
```

Below is an example of a successful campaign submission using a client's audio file.

```
2 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
3   User ID: <input type="text" name="c_uid" value="admin@mobile-sphere.com">
4   Password: <input type="password" name="c_password" value="12345678">
5   <input type="text" name="c_phone" value="6173999981,6173999982,6173999983">
6   <input type="text" name="c_url" value="http://www.yoursite.com/Meeting1.wav">
7   <input type="hidden" name="c_callerID" value="6173999980">
8   <input type="hidden" name="c_date" value="now">
9   <input type="hidden" name="c_audio" value="wav">
10  <input type="hidden" name="mobile_only" value="1">
11  <input type="submit" value="submit">
12 </form>
```

To request the call status of *one* phone number, the following parameters must be included. Be sure the session_id is the one received in response to your initial campaign submission.

```
68 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
69 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
70 <input type="password" name="c_password" value="12345678">
71 <input type="text" name="session_id" value="912345678">
72 <input type="hidden" name="c_option" value="callstatus">
73 <input type="hidden" name="c_phone" value="6173999981">
74 </form>
```



MobileSphere will return the following data, if a campaign is successfully received.

```
15
16 OK
17 Session ID=912345678
18 Number of Phone #s=5000
```

If `c_dispo_url` is provided, each call status is sent back using the POST variable `$_POST['var']`. Possible return responses are included below:

```
15
16 Possible Return Responses:
17
18 var="Session ID"|"Phone Number"|"Status"|"Reason for Failure (if applicable)"|"Delivery Date/Time"|"Carrier"
19 var="912345678"|"6173999981"|"OK"|"2017-01-01 09:01:01"|"Verizon Wireless"
20 var="912345678"|"6173999982"|"Failure"|"Unsuccessful_Delivery"|"2017-01-01 09:01:50"|"TMobile"
```

***You must acknowledge receipt of *each* call status by returning 'OK'.**

Example PHP code to handle the POST back is included below:

```
<?php
$postback = $_POST['var'];
ECHO $postback;
// parse data here
?>
```

5. Pause/Resume a Campaign

To temporarily pause a campaign or session, but not cancel it, the following parameters are included below. Possible return responses are also included. Be sure the `session_id` is the one received in response to your initial campaign submission.

```
53
54 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
55 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
56 <input type="password" name="c_password" value="12345678">
57 <input type="text" name="session_id" value="912345678">
58 <input type="text" name="c_option" value="pause">
59 </form>
60
61
62 Possible Return Responses:
63
64 OK
65 912345678 <Session ID> was paused
66
67 ERROR
68 912345678 <Session ID> invalid or not found
69
```



To resume a campaign or session the following parameters are *required*. Possible return responses are also included.

```
53
54 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
55 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
56 <input type="password" name="c_password" value="12345678">
57 <input type="text" name="session_id" value="912345678">
58 <input type="text" name="c_option" value="run">
59 </form>
60
61
62 Possible Return Responses:
63
64 OK
65 912345678 <Session ID> was resumed
66
67 ERROR
68 912345678 <Session ID> invalid or not found
69
```

6. Cancel a Campaign

To stop a campaign or session that is currently running or to cancel a scheduled campaign, the following parameters are *required*. Possible return responses are also included.

```
53
54 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
55 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
56 <input type="password" name="c_password" value="12345678">
57 <input type="text" name="session_id" value="912345678">
58 <input type="text" name="c_option" value="stop">
59 </form>
60
61
62 Possible Return Responses:
63
64 OK
65 912345678 <Session ID> stopped
66
67 ERROR
68 912345678 <Session ID> already stopped
```



7. Request Account Message Balance

To request the number of remaining messages in your account, the following parameters are *required*. Pending messages are messages scheduled to be delivered and are in your queue.

```
53
54 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
55 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
56 <input type="password" name="c_password" value="12345678">
57 <input type="text" name="remain_message" value="1">
58 </form>
59
60
61 Possible Return Responses:
62
63 remaining messages=200
64 pending messages=0
65
```

8. Download Audio File with 5-digit File Name

To download an audio file created with the slybroadcast Recording Center, include the parameters below and post to the following URL:

<https://www.mobile-sphere.com/gateway/vmb.dla.php>

```
68 <form action="https://www.mobile-sphere.com/gateway/vmb.dla.php" method="post">
69 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
70 <input type="password" name="c_password" value="12345678">
71 <input type="text" name="c_audio_code" value="55555">
72 </form>
```

9. Retrieve a List of all Audio Files

To view a full list of your audio files, include the parameters below and post to the following URL:

<https://www.mobile-sphere.com/gateway/vmb.aflist.php>

```
55 <form action="https://www.mobile-sphere.com/gateway/vmb.aflist.php" method="post">
56 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
57 <input type="password" name="c_password" value="12345678">
58 <input type="text" name="c_method" value="get_audio_list">
59 </form>
60
61
62 Possible Return Responses:
63 "System File Name"|"Self created Audio File Name"|"Time Created"
64 "r18094b14047197888.wav"|"My Test Audio"|"2017-01-01 09:01:01"
65
```



To include the audio file duration (in seconds) with each file, include the parameters below and post to the following URL:

<https://www.mobile-sphere.com/gateway/vmb.aflist.php>

```
33
34 <form action="https://www.mobile-sphere.com/gateway/vmb.aflist.php" method="post">
35 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
36 <input type="password" name="c_password" value="12345678">
37 <input type="text" name="c_method" value="get_audio_list_with_duration">
38 </form>
39
40
41 Possible Return Responses:
42 var="System File Name|"Self created Audio File Name|"Time Created|"Duration in Seconds"
43 var="r18094b14047197888.wav|"My Test Audio|"2017-01-01 09:01:01|"35"
44
45
```

10. Upload/Remove Phone Numbers in Do Not Dial List

To add phone numbers to your Do Not Dial list, include the parameters below and post to the following URL. Phone numbers entered on the Do Not Dial list, will not receive a voice message sent from your slybroadcast account.

<https://www.mobile-sphere.com/gateway/vmb.php>

```
15 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
16 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
17 <input type="password" name="c_password" value="12345678">
18 <input type="text" name="c_option" value="do_not_dial">
19 <input type="hidden" name="c_phone" value="6173999980,6173999981,6173999982">
20 </form>
21
```

To remove phone numbers from the Do Not Dial list, use the "c_option" value of "remove_do_not_dial" as seen in the example below:

```
15 <form action="https://www.mobile-sphere.com/gateway/vmb.php" method="post">
16 <input type="text" name="c_uid" value="admin@mobile-sphere.com">
17 <input type="password" name="c_password" value="12345678">
18 <input type="text" name="c_option" value="remove_do_not_dial">
19 <input type="hidden" name="c_phone" value="6173999980,6173999981,6173999982">
20 </form>
```

