Mobile Commons: Rest API

Environment

Mobile Commons

Resolution Summary

Provided information on the Mobile Commons Rest API

Details

Mobile Commons API

The Mobile Commons API allows clients to interact with their campaigns and send messages programmatically.

It is important to note that you must follow all standard SMS compliance protocols when using the Mobile Commons REST API to manage subscriptions. There are some anti-SPAM restrictions that apply when using the REST API to subscribe profiles. It is important that you note these restrictions before attempting to use the API to manage subscriptions.

When using the API to create subscriptions you may only add a phone number whose permission to message them you have obtained. You must have a record of this permission being granted. Once you have permission to opt a number in, you may opt them into each campaign one time and one time only through the API. If a subscriber is already a member of that campaign or was previously a member of that campaign they will not receive a welcome message and no subscription will be generated (if they were already an active subscriber they will stay that way, if they were a subscriber and opted-out they will remain opted-out). When using the API to add a new profile to a campaign through a specific opt-in path, all opt-in path settings apply.

We have a rate limit for individual companies of 160 concurrent API calls.

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Security

Authorization for the API is done using HTTP Basic Auth. You should use your Mobile Commons login email and password and you should access the API using your account's subdomain (e.g. https://secure.mcommons.com). We recommend creating a novel login email and password for use specifically with the API. This will help with any support needs as well as action tracking.

Please consult your HTTP library's documentation for details on how to specify basic auth credentials.

If your account has multiple clients/affiliates OR your email is used in multiple company accounts, then you can specify which one you want to use by passing a company parameter set to a Company Key fromhttps://secure.mcommons.com/companies. If you leave it off, we default to your firm.

```
https://secure.mcommons.com/api/messages?company=CO29A6F95DBFB7A03A7D9F61DDA4
468D9B
```
You may modify cURL requests to include the company id or key as well. Below please find two examples:

HTTP GET

```
curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/messages?company=CO29A6F95DBFB7A03A7D9F61DDA4
468D9B
```

HTTP POST

```
curl --user yourusername:yourpassword \
--data
"company=CO29A6F95DBFB7A03A7D9F61DDA4468D9B&phone_number=15553334411&campaign
_id=2" \
https://secure.mcommons.com/api/profile_opt_out
```

Function Reference

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List Campaigns	
URL:	https://secure.mcommons.com/api/campaigns
Protocol:	HTTP GET
Parameters:	include_opt_in_paths (set to 1 to include all opt-in path details. default is 0) sort (set to asc or desc to sort by campaign ID ascending or descending. default is ascending) status (set to active or ended to filter results. default is empty and returns all

	campaigns) campaign_id (provide a specific campaign ID to view single result, invalid campaign ID will return all campaigns)
Sample Response:	```xml <?xml version="1.0" encoding="UTF-8"?> <response success="true"> <campaigns> <campaign id="303" active="false"> <name>Campaign One</name> <description></description> <tags> <tag>Tag Name Here</tag> </tags> <opt_in_paths> <opt_in_path id="175057" active = "true"> <name>My Opt-In Path</name> <tags> <tag>OIP ABC</tag> </tags> </opt_in_path> </campaign> <campaign id="304" active="false"> <name>Huge Campaign</name> <description></description> <tags> <tag>Tag Name Here</tag> </tags> </campaign> <campaign id="305" active="true"> <name>Another Campaign</name> <description>Campaign to end all campaigns</description> <tags> <tag>Tag Name Here</tag> </tags> </campaign> </campaigns> </response>```
Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/campaigns

List Keywords	
URL:	https://secure.mcommons.com/api/keywords
Protocol:	HTTP GET

Parameters:	None
| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
  <keywords>
    <keyword id="101" active="false">
      <name>First</name>
      <opt_in_path_id>201</opt_in_path_id>
      <ended_at>2007-07-05 16:39:40 UTC</ended_at>
      <created_at>2007-05-30 23:16:38 UTC</created_at>
      <updated_at>2013-01-08 18:45:31 UTC</updated_at>
    </keyword>
    <keyword id="102" active="true">
      <name>Second</name>
      <opt_in_path_id>202</opt_in_path_id>
      <ended_at>2008-08-05 16:39:40 UTC</ended_at>
      <created_at>2008-08-30 23:16:38 UTC</created_at>
      <updated_at>2013-08-08 18:45:31 UTC</updated_at>
    </keyword>
  </keywords>
</response>
``` |
| Example | curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/keywords |

List Groups	
URL:	https://secure.mcommons.com/api/groups
Protocol:	HTTP GET
Parameters:	limit (Control the limit of groups per page -- Max is 1000 & Default is 1000). page (Specifies which page of the total number of pages of results to return)
| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
  <<groups page="2" limit="500" page_count="3">>
    <group id="14" type="FilteredGroup" status="active">
      <name>Group One</name>
      <hint>These counts have been updated in the past 30 minutes</hint>
      <size>2</size>
    </group>
    <group id="91" type="UploadedGroup" status="active">
      <name>Group Two</name>
      <size>1</size>
    </group>
``` |

| | ```
        .
        .
        .
      </groups>
   </response>
``` |
| Example | curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/groups |
| | |

List Campaign Subscribers	
URL:	https://secure.mcommons.com/api/campaign_subscribers
Protocol:	HTTP GET
Parameters:	campaign_id (Required) opt_in_path_id (scope results to a particular opt-in path) limit (Limits the number of returned subscribers. **Maximum of 1000**) page (Specifies which page, of the total number of pages of results, to return) from (Limits the returned subscribers to ones subscribed to that campaign **after** or on this date time. ISO-8601 format) to (Limits the returned subscribers to ones subscribed to that campaign **before** or on this date time. ISO-8601 format)
| Sample Response: | ```
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
   <subscriptions num="1" page="1">
     <sub>
       <id>123</id>
       <profile_id>1234567</profile_id>
       <phone_number>1234567890</phone_number>
       <activated_at>2011-11-01 15:30:59 UTC</activated_at>
       <opted_out_at>2011-11-02 15:30:59 UTC</opted_out_at>
     </sub>
   </subscriptions>
</response>
``` |
| Example | curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/campaign_subscribers?campaign_id=101 |

List Group Members

URL:	https://secure.mcommons.com/api/group_members
Protocol:	HTTP GET
Parameters:	group_id (Required) limit (Limits the number of returned profiles. **Maximum of 1000**) page (Specifies which page, of the total number of pages of results, to return) from (Limits the returned profiles to ones updated **after** or on this date time. ISO-8601 format) to (Limits the returned profiles to ones updated **before** or on this date time. ISO-8601 format)
Sample Response:	(see below)

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
    <group name="MC Test" id="49xxxx" type="UploadedGroup">
        <profile id="347xxxxxx">
            <first_name>Joe</first_name>
            <last_name>user</last_name>
            <phone_number>12025551234</phone_number>
            <email>user@yahoo.com</email>
            <status>Active Subscriber</status>
            <created_at>2019-06-21 14:49:40 UTC</created_at>
            <updated_at>2019-06-25 19:33:38 UTC</updated_at>
            <opted_out_at/>
            <opted_out_source/>
            <source type="API" name="User1"
email="user1@domain.com"/>
            <address>
                <street1/>
                <street2/>
                <city/>
                <state/>
                <postal_code/>
                <country>US</country>
            </address>
            <last_saved_location>
                <latitude>38.906639</latitude>
                <longitude>-77.016577</longitude>
                <precision>state</precision>
                <city/>
                <state>DC</state>
                <postal_code/>
```

```
                <country>US</country>
            </last_saved_location>
            <custom_columns>
                <custom_column name="Age"/>
                <custom_column name="Favorite Animal"/>
            </custom_columns>
        <subscriptions>
    <subscription campaign_id="162xxx" campaign_name="MC_test2"
campaign_description="" opt_in_path_id="" status="Active"
opt_in_source="User1" created_at="2019-06-21T14:49:40Z"
activated_at="2019-06-22T20:24:36Z" opted_out_at=""
opt_out_source=""/>
        </subscriptions>
            <clicks>
        </clicks>
            </profile>
        </group>
</response>
```

	For those companies with advocacy features turned on your response will also include the following districts information:
	
	`<last_saved_districts>`
	`        <congressional_district>DC-1</congressional_district>`
	`        <state_upper_district>DC-</state_upper_district>`
	`        <state_lower_district>DC-</state_lower_district>`
	`        <split_district>No</split_district>`
	`</last_saved_districts>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/group_members?group_id=2

Create Group	
URL:	https://secure.mcommons.com/api/create_group
Protocol:	HTTP GET
Parameters:	name

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <group id="3" type="UploadedGroup" name="Chocolate Lovers"></group>`
	`</response>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/create_group?name=group1

Add Group Member	
URL:	https://secure.mcommons.com/api/add_group_member
Protocol:	HTTP GET
Parameters:	group_id phone_number (can be a single phone number OR a comma-separated list to add multiple numbers -- Up to 1000 phone number per single request)

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <group id="3" type="UploadedGroup" name="Chocolate`
	`Lovers"></group>`
	`</response>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/add_group_member?\ group_id=2&phone_number=5554443322
Example (multiple numbers)	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/add_group_member?\ group_id=2&phone_number=5554443322,5553331234,5552224321

Remove Group Member	
URL:	https://secure.mcommons.com/api/remove_group_member
Protocol:	HTTP GET
Parameters:	group_id (Required) phone_number (Required, can be a single phone number or a comma separated list to remove multiple numbers -- Up to 1000 numbers)

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <group id="3" type="UploadedGroup" name="Chocolate`
	`Lovers"></group>`
	`</response>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/remove_group_member?\ group_id=2&phone_number=5554443322
Example (multiple	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/remove_group_member?\

numbers)	group_id=2&phone_number=5554443322,5553331234,5552224321

Profile Summary	
URL:	https://secure.mcommons.com/api/profile
Protocol:	HTTP GET
Parameters:	phone_number (**Required**) company (Default is the firm) include_messages (default false. Set to true to include associated text messages) include_donations (default false. Set to true to include associated mobile giving donations, if any)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <profile id="34xxxxxxx">
	     <first_name>John</first_name>
	     <last_name>Doe</last_name>
	        <phone_number>12025551234</phone_number>
	        <email/>
	        <status>Profiles with no Subscriptions</status>
	        <created_at>2019-06-21 14:49:40 UTC</created_at>
	        <updated_at>2019-06-21 14:49:40 UTC</updated_at>
	        <opted_out_at/>
	        <opted_out_source/>
	        <source type="API" name="User1" email="user1@domain.com"/>
	        <address>
	            <street1/>
	            <street2/>
	            <city/>
	            <state/>
	            <postal_code/>
	            <country>US</country>
	        </address>
	        <last_saved_location>
	            <latitude>38.906639</latitude>
	            <longitude>-77.016577</longitude>
	            <precision>state</precision>
	            <city/>
	            <state>DC</state>
	            <postal_code/>
	            <country>US</country>
	        </last_saved_location>
	``

```
            <custom_columns>
             <custom_column name="Age"/>
             <custom_column name="Favorite animal"/>
             <custom_column name="Yes/NO"/>
          </custom_columns>
          <integrations>
      </integrations>
          <clicks>
      </clicks>
      </profile>
</response>
```

For those companies with advocacy features turned on your response will also include the following districts information:

```
<last_saved_districts>
            <congressional_district>DC-1</congressional_district>
            <state_upper_district>DC-</state_upper_district>
          <state_lower_district>DC-</state_lower_district>
          <split_district>No</split_district>
</last_saved_districts>
```

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/profile?phone_number=5554443322

Profile Update	
URL:	https://secure.mcommons.com/api/profile_update
Protocol:	HTTP POST
Parameters:	phone_number (**Required**) email postal_code first_name last_name street1 street2 city

	state country Custom Column (**Any custom column name**) opt_in_path_id: This will subscribe the user to this campaign and send the message flow in this opt-in path. The value should be your opt-in path key.

Sample Response:	The profile for this phone number will be created or updated. We'll return a summary of the profile record (the same as the Profile Summary call).
	
	``xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <profile id="34xxxxxxx">
	     <first_name>John</first_name>
	     <last_name>Doe</last_name>
	        <phone_number>12025551234</phone_number>
	        <email/>
	        <status>Active subscriber</status>
	        <created_at>2019-06-21 14:49:40 UTC</created_at>
	        <updated_at>2019-06-21 14:49:40 UTC</updated_at>
	        <opted_out_at/>
	        <opted_out_source/>
	        <source type="API" name="User1"
	email="user1@domain.com"/>
	        <address>
	            <street1/>
	            <street2/>
	            <city/>
	            <state/>
	            <postal_code/>
	            <country>US</country>
	        </address>
	        <last_saved_location>
	            <latitude>38.906639</latitude>
	            <longitude>-77.016577</longitude>
	            <precision>state</precision>
	            <city/>
	            <state>DC</state>
	            <postal_code/>
	            <country>US</country>
	        </last_saved_location>
	        <custom_columns>
	            <custom_column name="Age"/>
	            <custom_column name="Favorite animal"/>
	            <custom_column name="Yes/NO"/>
	        </custom_columns>
	``

	``` <subscriptions> <subscription campaign_id="162xxx" campaign_name="MC_test2" campaign_description="" opt_in_path_id="" status="Active" opt_in_source="User1" created_at="2019-06-21T14:49:40Z" activated_at="2019-06- 22T20:24:36Z" opted_out_at="" opt_out_source=""/> </subscriptions> <integrations> </integrations> <clicks> </clicks> ```
	For those companies with advocacy features turned on your response will also include the following districts information: ``` <last_saved_districts> <congressional_district>DC- 1</congressional_district> <state_upper_district>DC-</state_upper_district> <state_lower_district>DC-</state_lower_district> <split_district>No</split_district> </last_saved_districts> ```
Example	curl --user yourusername:yourpassword \ --data "phone_number=5554443322&email=user@gmail.com" \ https://secure.mcommons.com/api/profile_update

Profile OptOut	
URL:	https://secure.mcommons.com/api/profile_opt_out
Protocol:	HTTP POST
Parameters:	phone_number (**Required**) campaign_id (Opt-out this campaign only. Default is all campaigns.) subscription_id (Opt-out this subscription only. Default is all subscriptions.)
Sample Response:	``` <?xml version="1.0" encoding="UTF-8"?> <response success="true"> <profile id="3389xxxxx"> <first_name></first_name> <last_name></last_name> <phone_number>2025551234</phone_number> <email></email> <status>Undeliverable</status> <created_at>2019-04-26 19:58:54 UTC</created_at> ```

```xml
        <updated_at>2019-06-25 21:43:09 UTC</updated_at>
        <opted_out_at>2019-06-25 21:43:09 UTC</opted_out_at>
        <opted_out_source>Opt-out from API</opted_out_source>
        <source type="Keyword" name="call me" id="763xxx"
opt_in_path_id="25xxxx" message_id="12604xxxxx"/>
        <address>
            <street1>123 Test St</street1>
            <street2>#4315</street2>
            <city>City name</city>
            <state>TX</state>
            <postal_code>76104</postal_code>
            <country>US</country>
        </address>
        <last_saved_location>
            <latitude>32.735247</latitude>
            <longitude>-97.324103</longitude>
            <precision>range_interpolation</precision>
            <city>Fort Worth</city>
            <state>TX</state>
            <postal_code>76104</postal_code>
            <country>US</country>
        </last_saved_location>
        <custom_columns>
            <custom_column name="Age"/>
            <custom_column name="TEST"/>
        </custom_columns>
        <subscriptions>
            <subscription campaign_id="162xxx"
campaign_name="MC_test2" campaign_description=""
opt_in_path_id="25xxx" status="Opted-Out" opt_in_source="call me"
created_at="2019-04-26T19:58:54Z" activated_at="2019-04-
26T19:58:54Z" opted_out_at="2019-06-25T21:43:09Z"
opt_out_source="Opt-out from API"/>
        </subscriptions>
        <integrations>
    </integrations>
        <clicks>
    </clicks>
    </profile>
</response>
```

For those companies with advocacy features turned on your response will also include the following districts information:

```xml
<last_saved_districts>
            <congressional_district>DC-1</congressional_district>
            <state_upper_district>DC-</state_upper_district>
          <state_lower_district>DC-</state_lower_district>
```

	`<split_district>No</split_district>` `</last_saved_districts>`
Example	curl --user yourusername:yourpassword \ --data "phone_number=15553334411&campaign_id=2" \ https://secure.mcommons.com/api/profile_opt_out

List All Profiles	
URL:	https://secure.mcommons.com/api/profiles
Protocol:	HTTP GET
Parameters:	limit (Limits the number of returned profiles. **Maximum of 1000**) page (Specifies which page, of the total number of pages of results, to return) from (Limits the returned profiles to ones updated **after** or on this date time. ISO-8601 format) to (Limits the returned profiles to ones updated **before** or on this date time. ISO-8601 format) Note: If you don't specify the timezone in From & To parameters, we will default to UTC. To specify the time zone you need to pass/append the correct UTC offset to the timestamp in the API call "from" and "to" limits will pull in updates to: first name, last name, email, address fields, custom fields, any change to the subscription status (opted in Or opted out). phone_number (Limits the returned profiles matching the provided phone numbers. Phone numbers should be specified with country code, but we'll recognize most formats. You can either provide a comma separated list – &phone_number=19145550000,12025550000 or as an array – &phone_number[]=19145550000&phone_number[]=12025550000) include_custom_columns (*Optional default 'true' - allows exclusion of custom columns associated with profiles, pass 'false' to limit) include_subscriptions (*Optional default 'true' - allows exclusion of subscriptions for each profile, pass 'false' to limit)

	include_clicks (*Optional default 'true' - allows exclusion of clicks) include_members (*Optional default 'true' - allows exclusion of profile member records maintained for integrations)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <profiles num="1000" page="1">
	        <profile id="347xxxxxx">
	            <first_name>Joe</first_name>
	            <last_name>user</last_name>
	            <phone_number>12025551234</phone_number>
	            <email>user@yahoo.com</email>
	            <status>Profiles with no Subscriptions</status>
	            <created_at>2019-06-21 14:49:40 UTC</created_at>
	            <updated_at>2019-06-25 19:33:38 UTC</updated_at>
	            <opted_out_at/>
	            <opted_out_source/>
	            <source type="API" name="User1"
	email="user1@domain.com"/>
	            <address>
	                <street1></street1>
	                <street2></street2>
	                <city></city>
	                <state></state>
	                <postal_code></postal_code>
	                <country>US</country>
	            </address>
	            <last_saved_location>
	                <latitude>38.906639</latitude>
	                <longitude>-77.016577</longitude>
	                <precision>state</precision>
	                <city/>
	                <state>DC</state>
	                <postal_code/>
	                <country>US</country>
	            </last_saved_location>
	             <custom_columns>
	                <custom_column name="Age"/>
	                <custom_column name="Favorite animal"/>
	            </custom_columns>
	        <subscriptions>
	        <subscription campaign_id="162xxx"
	campaign_name="MC_test2" campaign_description=""
	opt_in_path_id="" status="Active" opt_in_source="User1"
	created_at="2019-06-21T14:49:40Z" activated_at="2019-06-
	22T20:24:36Z" opted_out_at="" opt_out_source=""/>
	            </subscriptions>
	``

<table>
<tr><td></td><td>

```
            <integrations>
         </integrations>
            <clicks>
         </clicks>
           </profile>
       </profiles>
</response>
```

</td></tr>
<tr><td></td><td>

For those companies with advocacy features turned on your response will also include the following districts information:

```
<last_saved_districts>
           <congressional_district>DC-
1</congressional_district>
           <state_upper_district>DC-</state_upper_district>
           <state_lower_district>DC-</state_lower_district>
           <split_district>No</split_district>
</last_saved_districts>
```

</td></tr>
<tr><td>Precision Types & Description</td><td>

- **Address**: Latitude/Longitude Conversion.
- **rooftop**: We found the exact point with rooftop level accuracy
- **Point:** We found the exact point from address range interpolation where the range contained a single point
- **Range_interpolation** We found the exact point by performing address range interpolation
- **Street_center:** The result is a geocoded street centroid
- **Place:** The point is a city/town/place
- **State:** The point is a state

</td></tr>
<tr><td>Example</td><td>

curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/profiles

</td></tr>
</table>

<table>
<tr><td colspan="2" align="center">**List Incoming Messages**</td></tr>
<tr><td>URL:</td><td>https://secure.mcommons.com/api/messages</td></tr>
<tr><td>Protocol:</td><td>HTTP GET</td></tr>
<tr><td>Parameters:</td><td>

- include_profile (Set to true to include extra profile information for each message)
- limit (Limits the number of returned messages per page. **Defaults to 20. Can not be more than 1000.**)
- page (Specifies which page, of the total number of pages of results, to return. The current page number and the total number of pages is set in the response xml)
- query (Limits messages to ones that match this query term in their body)
- campaign_id (Limits messages to this campaign)

</td></tr>
</table>

	• start_time (Limits the messages to ones after this date time. ISO-8601 format. Assumes your user's local timezone unless otherwise specified) • end_time (Limits the messages to ones before or on this date time. ISO-8601 format. Assumes your user's local timezone unless otherwise specified) • *Note: Results can be filtered by adding one or more of the following parameters with the value 1 or 0 to show or hide them respectively: opt_in, opt_out, help_request, reply, info_response, unknown, reactivation, call_in_response, mdata_query, donation*. All message types in the Inbox are supported.

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <messages page="1" limit="20" page_count="17">
	        <message id="1297356299" type="opt_out" approved="false">
	            <phone_number>1650xxxxxxx</phone_number>
	            <carrier_name>Verizon Wireless</carrier_name>
	            <profile>33468xxxx</profile>
	            <body>stop</body>
	            <message_template_id>37786436</message_template_id>
	            <mms>false</mms>
	            <multipart>false</multipart>
	            <keyword/>
	            <received_at>2019-06-27 20:45:08 UTC</received_at>
	            <previous_id id="6797453174"/>
	            <next_id id="6897747278"/>
	            <campaign id="162617" active="true">
	                <name>MC_test2</name>
	            </campaign>
	            <profile id="33468xxxx">
	                <first_name>John</first_name>
	                 <last_name>Doe</last_name>
	                <phone_number>1650xxxxxxx</phone_number>
	                <email/>
	                <status>Undeliverable</status>
	                <created_at>2019-03-14 17:24:13 UTC</created_at>
	                <updated_at>2019-06-27 20:45:08 UTC</updated_at>
	                <opted_out_at>2019-06-27 20:45:08
	UTC</opted_out_at>
	                <opted_out_source>Texted a STOP
	word</opted_out_source>
	                <source type="Uploaded Group" name="MC Test"
	id="402704"/>
	                <address>
	                    <street1/>
	                    <street2/>
	                    <city/>
	                    <state/>
	                    <postal_code/>
	                    <country>US</country>
	``

| | ```
                            </address>
                            <last_saved_location>
                                    <latitude>37.573485</latitude>
                                    <longitude>-122.32253</longitude>
                                    <precision>place</precision>
                                    <city>San Mateo</city>
                                    <state>CA</state>
                                    <postal_code>94401</postal_code>
                                    <country>US</country>
                            </last_saved_location>
                            <custom_columns>
                                    <custom_column name="Age"/>
                                    <custom_column name="yes-No test"/>
                            </custom_columns>
                            <integrations>
                    </integrations>
                            <clicks>
                    </clicks>
                        </profile>
                    </message>
                </messages>
         </response>
``` |
| | For those companies with advocacy features turned on your response will also include the following districts information:<br><br>```
    <last_saved_districts>
     <congressional_district>CA-14</congressional_district>
     <state_upper_district>CA-</state_upper_district>
     <state_lower_district>CA-</state_lower_district>
     <split_district>No</split_district>
    </last_saved_districts>
``` |
| Additional Information | • The "previous_id": Is the ID of the MT (Mobile terminated/message sent to the user) that is being replied <u>to.</u>
• The "next_id": Is the ID of the response (MT) we send <u>back</u> as a reply to that incoming message.
• If there is no "previous_id", that incoming message was not a reply to previous MT.
• If there is no "next_id", then Mobile Commons hasn't responded yet or didn't send a response because there wasn't one. |
| Example | curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/messages |

List Outgoing Messages	
URL:	https://secure.mcommons.com/api/sent_messages

Protocol:	HTTP GET
Parameters:	- limit (Limits the number of returned messages. **Defaults to 20. Cannot be more than 1000.** - page (Specifies which page, of the total number of pages of results, to return. The current page number and the total number of pages is set in the response xml) - campaign_id (Limits messages to this campaign). - start_time (Limits the messages to ones after this date time. ISO-8601 format. Assumes your user's local timezone unless otherwise specified) - end_time (Limits the messages to ones before or on this date time. ISO-8601 format. Assumes your user's local timezone unless otherwise specified)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <messages page="3" limit="20" page_count="79">
	      <message id="6483711098" type="info_request" status="sent">
	            <phone_number>15102xxxxxx</phone_number>
	            <profile>3347xxxxx</profile>
	            <body>Please reply with your full address.</body>
	            <sent_at>2019-04-04 19:03:15 UTC</sent_at>
	            <message_template_id>37162415</message_template_id>
	            <mms>false</mms>
	            <multipart>false</multipart>
	            <campaign id="162xxx" active="true">
	                <name>MC_test2</name>
	            </campaign>
	            <previous_id id="12493xxxxx"/>
	            <next_id id="12493xxxxx"/>
	      </message>
	   </messages>
	</response>
	``

Additional Information	- The "previous_id": Is the ID of the MO (Mobile originated/message came in from the user) that is being replied <u>to.</u> - The "next_id": is the ID of the response/Reply (MO) we receive back from the user to that outgoing message. - If there are no "previous_id", that outgoing message was not a reply to an incoming message. - If there is no "next_id", depending on when the results are pulled, the end user hasn't replied yet or didn't send a response because it wasn't needed.
Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/sent_messages

Send SMS Message	
URL:	https://secure.mcommons.com/api/send_message

Protocol:	HTTP POST
Parameters	campaign_id body (160 characters or fewer. If passing body as a URL param, the value must be URL encoded) phone_number (required) attachment_id (optional, allows you to include an attachment already uploaded in your platform) previous_id (optional, links to previous message)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <message id="1029384756" type="generic" status="queued">
	    <phone_number>12025554259</phone_number>
	    <profile>170357741</profile>
	    <body>Welcome from an SMS!</body>
	    <sent_at>2018-11-21 14:29:44 UTC</sent_at>
	    <message_template_id/>
	    <campaign id="123" active="true">
	      <name>Welcome Campaign</name>
	    </campaign>
	    <tags>
	    </tags>
	  </message>
	</response>
	``

Example	curl --user yourusername:yourpassword \ --data "campaign_id=2&body=Welcome&phone_number=15554443322" \ https://secure.mcommons.com/api/send_message

Send MMS Message	
URL:	https://secure.mcommons.com/api/send_mms
Protocol:	HTTP POST
Parameters:	campaign_id body (1600 characters or fewer. If passing body as a URL param, the value must be URL encoded) phone_number

	attachment_id (*Optional id of attachment to be included with the message) uploaded_attachment (*Optional multi-part supported image to be sent)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <message id="1029384786" type="generic" status="queued">
	    <phone_number>12025554259</phone_number>
	    <profile>170357741</profile>
	    <body>Welcome from an MMS!</body>
	    <sent_at>2018-11-21 14:39:44 UTC</sent_at>
	    <message_template_id/>
	    <campaign id="123" active="true">
	      <name>Welcome Campaign</name>
	    </campaign>
	    <tags>
	    </tags>
	  </message>
	</response>
	``

Example	``` curl --user yourusername:yourpassword \ --data "campaign_id=2&body=Welcome&phone_number=15554443322" \ https://secure.mcommons.com/api/send_mms curl --user yourusername:yourpassword \ --form "uploaded_attachment=@image-to-upload.jpg" \ --form "campaign_id=2" \ --form "body=Welcome MMS" \ --form "phone_number=15554443322" \ https://secure.mcommons.com/api/send_mms ```

Send Broadcast to Campaign Subscribers	
URL:	https://secure.mcommons.com/api/schedule_broadcast
Protocol:	HTTP POST
Parameters:	campaign_id body (Fewer than 160 characters) time (Optional, in ISO-8601 format, e.g. 2008-12-31T12:34:56)

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <broadcast id="456">
	</response>
	``

Notes:	Broadcasts are considered immediate unless you add the "time=" parameter

Example	curl --user yourusername:yourpassword \ --data "campaign_id=2&body=Welcome&time=2016-12-31T12:34:56" \ https://secure.mcommons.com/api/schedule_broadcast

Reschedule a Broadcast	
URL:	https://secure.mcommons.com/api/reschedule_broadcast
Protocol:	HTTP POST
Parameters:	broadcast_id time (Optional, in ISO-8601 format, e.g. 2008-12-31T12:34:56)

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <broadcast id="456">`
	`</response>`

Example	curl --user yourusername:yourpassword \ --data "broadcast_id=2&time=2016-12-31T12:34:56" \ https://secure.mcommons.com/api/reschedule_broadcast

Unschedule a Broadcast	
URL:	https://secure.mcommons.com/api/unschedule_broadcast
Protocol:	HTTP POST
Parameters:	broadcast_id

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <broadcast id="456">`
	`</response>`

Example	curl --user yourusername:yourpassword \ --data "broadcast_id=2&body=Welcome&time=2016-12-31T12:34:56" \ https://secure.mcommons.com/api/unschedule_broadcast

List Broadcasts	
URL:	https://secure.mcommons.com/api/broadcasts
Protocol:	HTTP GET

Parameters:	- campaign_id (Optional): scope broadcasts to just a single campaign. - status (optional): filter by the broadcast status (draft, scheduled, or generated) - start_time (Date - ISO-8601 format): Limit the broadcasts to the ones with delivery date **On and after** the provided date. - end_time (Date - ISO-8601 format): Limit the broadcasts to the ones with delivery date **On and before** the provided date. (*The start_time and end_time for this endpoint are designed to be used together to limit the results to that interval. If one of them is used separately, we will pull the broadcasts sent on the provided date only*). - Page (number): Specify which page of the total number of pages to return. We show the total count of pages and the current page number in the XML response. - Limit (number): Control the number of records to return per page. The default is 20 broadcasts per page, Max is 1000.

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <broadcasts page="1" limit="100" page_count="1">
	        <broadcast id="123456" status="generated">
	            <name>TEST broadcast</name>
	            <body>This is the broadcast body</body>
	            <campaign id="1234" active="true">
	                <name>Test Campaign</name>
	            </campaign>
	            <delivery_time>2019-11-
	17 12:29:40 UTC</delivery_time>
	            <include_subscribers>false</include_subscribers>
	            <throttled>false</throttled>
	            <localtime>false</localtime>
	            <automated>false</automated>
	            <estimated_recipients_count>3</estimated_recipients_count>
	            <replies_count>0</replies_count>
	            <opt_outs_count>0</opt_outs_count>
	            <included_groups>
	                <group name="MC_TEST" id="54321" type="FilteredGroup">
	        </group>
	            </included_groups>
	            <excluded_groups>
	            </excluded_groups>
	            <tags>
	                <tag>tes@test.com</tag>
	            </tags>
	        </broadcast>
	    </broadcasts>
	</response>
	``

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/broadcasts?campaign_id=2

List Broadcast	
URL:	https://secure.mcommons.com/api/broadcast
Protocol:	HTTP GET
Parameters:	broadcast_id (required)
| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
  <broadcast id="1270085" status="generated">
   <name>Broadcast 05/19/2017 03:55PM Message Name</name>
   <body>
     Your message content here.
   </body>
   <campaign id="123456" active="true">
     <name>My Campaign</name>
   </campaign>
   <delivery_time>2017-05-19 19:59:16 UTC</delivery_time>
   <include_subscribers>false</include_subscribers>
   <throttled>false</throttled>
   <localtime>false</localtime>
   <automated>false</automated>
   <replies_count>231</replies_count>
   <opt_outs_count>12</opt_outs_count>
   <estimated_recipients_count>1</estimated_recipients_count>
   <included_groups>
     <group name="just a group
name" id="123456" type="FilteredGroup"></group>
   </included_groups>
   <excluded_groups></excluded_groups>
   <tags></tags>
</broadcast>
</response>
``` |
| Example | curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/broadcast?broadcast_id=1234 |

List Calls	
URL:	https://secure.mcommons.com/api/calls

Protocol:	HTTP GET
Parameters:	mconnect_id (The id of the mConnect **Required**) include_profile (Set to true to include extra profile information for each message) include_profile_id_only (optional, if not provided all profile details will be returned instead of just restricting it to profile id) limit (Limits the number of returned calls. **Maximum of 1000. Default of 1000**) page (Specifies which page, of the total number of pages of results, to return) from (Limits the returned calls to ones that ended **after** or on this date time. ISO-8601 format) to (Limits the returned calls to ones that ended **before** or on this date time. ISO-8601 format)
Sample Response:	<pre><?xml version="1.0" encoding="UTF-8"?>
<response success="true">
  <calls num="1000" page="2">
    <call id="11765581">
      <start_time>2011-07-08 05:11:03 UTC</start_time>
      <end_time>2011-07-08 05:11:24 UTC</end_time>
      <duration>20</duration>
      <call_status>no answer</call_status>
      <connection_source>web</connection_source>
      <email>user@yahoo.com</email>
      <profile_status>Active Subscriber</profile_status>
      <profile_status_at_call_time>Active
Subscriber</profile_status_at_call_time>
      <handset_number>2125550001</handset_number>
      <carrier_name>Sprint (Sprint PCS)</carrier_name>
      <voip_number>8005550002</voip_number>
      <destination_number>2022243121</destination_number>

      <voicemail_duration/>
      <voicemail/>
      <mconnect id="10"></mconnect>
      <profile id="100">
        <email>user@yahoo.com</email>
        <first_name>Joe</first_name>
        <last_name>User</last_name>
        <address>
          <street1/>
          <street2/>
          <city/></pre>

```
                    <state>NY</state>
                    <postal_code>10001</postal_code>
                    <country/>
                </address>
            </profile>
            <legislator>
                <first_name>John</first_name>
                <last_name>Senator</last_name>
                <party>democrat</party>
                <district>Junior Seat</district>
                <state>NY</state>
            </legislator>
        </call>
      </calls>
</response>
```

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/calls

Count the number of mConnect Calls	
URL:	https://secure.mcommons.com/api/call_count
Protocol:	HTTP GET
Parameters:	mconnect_id

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`  <call_count>255</call_count>`
	`</response>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/call_count

Donation Summary	
URL:	https://secure.mcommons.com/api/donation_summary
Protocol:	HTTP GET
Parameters:	fundraising_idstart_time (Optional, only include donations made after this time. ISO-8601 format) end_time (Optional, only include donations made before this time. ISO-8601 format)
Sample	`<?xml version="1.0" encoding="UTF-8"?>`

Response:	<response success="true"> <donation_summary name="fundraising campaign" start_time="2010-01-01 12:00:00" end_time="2010-01-02 12:00:00" > <accepted count="10" amount="100" /> <pending count="2" amount="20" /> </donation_summary> </response>
Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/donation_summary

List Web Clicks	
URL:	https://secure.mcommons.com/api/clicks
Protocol:	HTTP GET
Parameters:	url_id OR url: **required**, the id of the URL or the actual shortened URL itself with URL encoding. page: optional, specifies which page, of the total number of pages of results, to return. From: optional, limits the results to ones that ended **after** or on this date time. ISO-8601 format) To: optional, limits the results to ones that ended **before** or on this date time. ISO-8601 format) include_profile: optional, adds phone number and profile details to response. Default is false for performance reasons. total_link_clicks: optional, provides the total link clicks. Default is false.
Sample Response:	**Sample response for** `total_link_clicks=true`: 1<response success="true"> 2 <clicks total_link_clicks="100" unique="15"> </clicks> 3</response> **Sample response for** `total_link_clicks=false which is the default`: <?xml version="1.0" encoding="UTF-8"?>

	``xml
	<response success="true">
	  <clicks num="1" unique="1" page="1">
	    <click id="123">
	      <created_at>2012-04-10 21:35:29 UTC</created_at>
	      <url>http://www.example.com/</url>
	      <clicked_url>http://lil.ms/1</clicked_url>
	      <remote_addr>127.0.0.1</remote_addr>
	      <http_referer>127.0.0.1</http_referer>
	      <user_agent>Mozilla/4.0 (compatible; MSIE 7.0)</user_agent>
	      <profile_id>123456</profile_id>
	    </click>
	  </clicks>
	</response>
	``

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/clicks

List mConnects	
URL:	https://secure.mcommons.com/api/mconnects
Protocol:	HTTP GET
Parameters:	None

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <mconnects>
	    <mconnect id="1234" active="false">
	      <name>Call your State Senator</name>
	      <destination_number/>
	      <destination_description></destination_description>
	      <tags>
	        <tag>Tag Name Here</tag>
	      </tags>
	      <voip_number/>
	      <call_type>autoroute</call_type>
	``

<table>
<tr><td rowspan="2"></td><td>

```
            <autoroute>true</autoroute>
            <subscriber_followup></subscriber_followup>
            <nonsubscriber_followup></nonsubscriber_followup>
            <call_timeout>120</call_timeout>
            <failover_number></failover_number>
            <failover_text></failover_text>
            <voicemail>false</voicemail>
            <transcribe>false</transcribe>
            <shortcode>654321</shortcode>
        </mconnect>
        <mconnect id="213" active="true">
            <name>Call Congress English</name>
            <destination_number/>
            <destination_description></destination_description>
            <voip_number/>
            <call_type>autoroute</call_type>
            <autoroute>true</autoroute>
            <subscriber_followup>Thank you for calling. If you'd like
to join our list, please reply first_name</subscriber_followup>
            <nonsubscriber_followup></nonsubscriber_followup>
            <call_timeout>120</call_timeout>
            <failover_number></failover_number>
            <failover_text></failover_text>
            <voicemail>true</voicemail>
            <transcribe>false</transcribe>
            <shortcode>654321</shortcode>
            <crm_alert_id>54321</crm_alert_id>
        </mconnect>
    </mconnects>
</response>
```

</td></tr>
<tr><td>Example</td><td>

curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/mconnects

</td></tr>
</table>

<table>
<tr><td colspan="2" align="center">**List Tinyurls**</td></tr>
<tr><td>URL:</td><td>https://secure.mcommons.com/api/tinyurls</td></tr>
<tr><td>Protocol:</td><td>HTTP GET</td></tr>
<tr><td>Parameters:</td><td>None</td></tr>
<tr><td>Sample Response:</td><td>

```
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
  <tinyurls num="199">
    <tinyurl id="267510">
       <created_at>2015-09-16 15:23:42 UTC</created_at>
```

</td></tr>
</table>

```
          <name>Test Link</name>
          <mode>redirect</mode>
          <url>http://www.q4kidz.org</url>
          <host>lil.ms</host>
          <description></description>
          <key>v6m</key>
        </tinyurl>
        <tinyurl id="269090">
          <created_at>2015-09-25 20:58:17 UTC</created_at>
          <name>http://lil.ms/vry</name>
          <mode>redirect</mode>
          <url>http://is.gd/m8edsm</url>
          <host>lil.ms</host>
          <description/>
          <key>vry</key>
        </tinyurl>
      </tinyurls>
    </response>
```

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/tinyurls

Add Tag

URL:	https://secure.mcommons.com/api/add_tag
Protocol:	HTTP GET
Parameters:	tag: name of tag (**Required**) At least one parameter from the list below is required: campaign_id: optional, may be a single or an array of campaign ids to be tagged opt_in_path_id: optional, may be a single or an array of opt_in_path ids to be tagged mconnect_id: optional, may be a single or an array of mconnect ids to be tagged broadcast_id: optional, may be a single or an array of broadcast ids to be tagged
Sample Response:	```<?xml version="1.0" encoding="UTF-8"?> <response success="true"> <tags id="9" name="tag5" count="3"> <tag id="226" name="test campaign flow" type="Campaign"/> <tag id="3" name="test tagging" type="mConnect"/> <tag id="5" name="Broadcast 05/28/2017 02:57AM copy" type="Broadcast"/> </tags> </response>```

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/add_tag

Remove Tag	
URL:	https://secure.mcommons.com/api/remove_tag
Protocol:	HTTP GET
Parameters:	tag: name of tag (**Required**) At least one parameter from the list below is required: campaign_id: optional, may be a single or an array of campaign ids to be tagged optin_path_id: optional, may be a single or an array of opt_in_path ids to be tagged mconnect_id: optional, may be a single or an array of mconnect ids to be tagged broadcast_id: optional, may be a single or an array of broadcast ids to be tagged

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <tags id="9" name="tag5" count="3">
	    <tag id="226" name="test campaign flow" type="Campaign"/>
	    <tag id="3" name="test tagging" type="mConnect"/>
	    <tag id="5" name="Broadcast 05/28/2017 02:57AM copy" type="Broadcast"/>
	  </tags>
	</response>
	``

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/remove_tag

List Tags	
URL:	https://secure.mcommons.com/api/tags
Protocol:	HTTP GET
Parameters:	type: Filter by Object type taggable (campaign, broadcast, opt_in_path, mconnect) campaign_id: List all tags on a specific campaign broadcast_id: List all tags on a specific broadcast opt_in_path_id: List all tags on a specific opt in path

	mconnect_id: List all tags on a specific mconnect tag_id: List all things tagged with this specific tag ID tag: Filter to objects tagged by the tag_name

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <tags>
	    <tag id="4" name="my tag">
	      <taggable>
	        <object id="223" type="Campaign"/>
	      </taggable>
	    </tag>
	    <tag id="5" name="tag1">
	      <taggable>
	        <object id="3" type="mConnect"/>
	        <object id="1" type="Broadcast"/>
	      </taggable>
	    </tag>
	    <tag id="6" name="tag2">
	      <taggable>
	        <object id="223" type="Campaign"/>
	        <object id="1" type="Broadcast"/>
	        <object id="226" type="Campaign"/>
	        <object id="22" type="OptInPath"/>
	      </taggable>
	    </tag>
	  </tags>
	</response>
	``

Example	``` curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/tags ```

Campaign Opted In	
URL:	https://secure.mcommons.com/api/campaign_opted_in
Protocol:	HTTP GET
Parameters:	campaign_id (Required): Integer corresponding to the Mobile Commons Campaign the subscriber is being opted in to phone_number (Required): The mobile device number of the subscriber being opted in

Sample Response:	```xml
	<?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	``

	`        <result>true</result>` `</response>`
Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/campaign_opted_in?\ campaign_id=3234&phone_number=5554443322

Custom Column Value	
URL:	https://secure.mcommons.com/api/custom_column_value
Protocol:	HTTP GET
Parameters:	phone_number (Required): The mobile device number of the subscriber wherein we want to pull the custom field from key(Custom column name): The string (1+ characters) name of the custom field to pull the value of

Sample Response:	`<?xml version="1.0" encoding="UTF-8"?>`
	`<response success="true">`
	`    <value>John</value>`
	`</response>`

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/custom_column_value?\ phone_number=5554443322&key=first_name

Attachments	
URL:	https://secure.mcommons.com/api/attachments
Protocol:	HTTP GET
Parameters:	None

| Sample Response: | ```
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
    <attachments>
        <attachment>
            <id>1</id>
            <name>diag</name>

<thumbnail_link>http://secure.mcommons.com/attachments/143543/display?size=small</thumbnail_link>
        </attachment>
        <attachment>
            <id>10</id>
            <name>name</name>

<thumbnail_link>http://secure.mcommons.com/attachments/167345/display?size=small</thumbnail_link>
        </attachment>
    </attachments>
</response>
``` |
| Example | curl --user yourusername:yourpassword \
https://secure.mcommons.com/api/attachments |

Upload Attachment	
URL:	https://secure.mcommons.com/api/upload_attachment
Protocol:	HTTP POST
Parameters:	• name, used to set a friendly name of the uploaded attachment, defaults to filename if left empty (op • uploaded_attachment, multipart/form-data encoded attachment file (required)

| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
        <attachment>
            <id>31</id>
            <name>Sunris</name>

<thumbnail_link>http://secure.mcommons.com/attachments/31/display?size=small</thu
        </attachment>
</response>
``` |
| Example | ```
curl --user yourusername:yourpassword --form "uploaded_attachment=@morning_sunris
form "name=Sunrise" https://company.mcommons.com/api/upload_attachment
``` |

Edit Attachment	
URL:	https://secure.mcommons.com/api/edit_attachment
Protocol:	HTTP GET
Parameters:	• attachment_id, ID of the attachment to be edited (required) • name, a friendly name for the attachment (required
| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
    <attachment>
        <id>19</id>
        <name>First Dogger</name>

<thumbnail_link>http://company.mcommons.com/attachments/19/display?size=small</t
humbnail_link>
    </attachment>
</response>
``` |
| Example | ```
curl --user yourusername:yourpassword
'https://company.mcommons.com/api/edit_attachment?attachment_id=19&name=First%20
Dogger'
``` |

Archive Attachment

URL:	https://secure.mcommons.com/api/archive_attachment
Protocol:	HTTP GET
Parameters:	• attachment_id, ID of the attachment to archive (required)
Sample Response:	```<?xml version="1.0" encoding="UTF-8"?>
<response success="true">```
Example	```curl --user yourusername:yourpassword
'https://company.mcommons.com/api/archive_attachment?attachment_
id=18'```

Clear Conversation	
URL:	https://secure.mcommons.com/api/clear_conversation
Protocol:	HTTP POST
Parameters:	campaign_id (Required): Integer corresponding to the Mobile Commons Campaign. If the subscriber is in a conversation (info request, mid-message list, etc..), this conversation will be cleared.

phone_number (Required): The mobile device number of the subscriber we want to clear the conversation for |
| Sample Response: | ```<?xml version="1.0" encoding="UTF-8"?>
<response success="true"/>``` |
| Example | curl --user yourusername:yourpassword \
--data "campaign_id=2&phone_number=15554443322" \
https://secure.mcommons.com/api/clear_conversation |

mData Entries	
URL:	https://secure.mcommons.com/api/mdata_entries
Protocol:	HTTP GET
Parameters:	mdata_id (Required) - ID of mData to retrieve entries for, input (Required) - content of 'input' column for an mData that requires a CSV upload or manual entry, non-Web Service mDatas. Requires input is an exact match, does not do fuzzy search.
Sample Response:	```<?xml version="1.0" encoding="UTF-8"?>
<response success="true">
<mdata_entries>
<mdata_entry>```

| | ```
      <id>24540398</id>
      <mdata_id>14333</mdata_id>
      <input>california</input>
      The population of California is 36,457,549
      <created_at>2017-03-27 17:43:11 UTC</created_at>
    </mdata_entry>
</mdata_entries>
</response>
``` |
| Example | curl -- user yourusername:yourpassword \
https://secure.mcommons.com/api/mdata_entries?\
mdata_id=123456&input=brooklyn |

Trigger mData	
URL:	https://secure.mcommons.com/api/trigger_mdata
Protocol:	HTTP GET
Parameters:	mdata_id (Required) - ID of mData to trigger, phone_number (Required) - phone number of the recipient to receive MT, args (Required only if mData requires it) - body of simulated MO to trigger mData
| Sample Response: | ```
<?xml version="1.0" encoding="UTF-8"?>
<response success="true"/>
``` |
| Example | curl -- user yourusername:yourpassword \
https://secure.mcommons.com/api/trigger_mdata?\
mdata_id=123456&phone_number=5554443322&args=ZOOM |

Profile Update Attribute	
URL:	https://secure.mcommons.com/api/profile_update_attribute
Protocol:	HTTP POST
Parameters:	phone_number: required, if phone doesn't exist we'll return an error, this will not create new phone/profile attribute: required, first_name, last_name, email, all address fields, constituent_id, custom fields; **one at a time.** attribute_value: required, will validate when sending in against the format of the field (please see our article on custom fields and mail merge fields) save_behavior: required, must include either always_create

	or create_if_key_value_not_exists
	• **always_create**: will set value whether or not anything exists in that field • **create_if_key_value_not_exists**: will look for custom columns/attributes if it returns nill then it will update that value; will not create a new custom column

Sample Response:	<pre><?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	    <profile id="3477xxxx">
	        <first_name>Bassel</first_name>
	        <last_name>user</last_name>
	        <phone_number>12025551234</phone_number>
	        <email>user@yahoo.com</email>
	        <status>Active Subscriber</status>
	        <created_at>2019-06-21 14:49:40 UTC</created_at>
	        <updated_at>2019-06-25 22:38:50 UTC</updated_at>
	        <opted_out_at/>
	        <opted_out_source/>
	        <source type="API" name="User1" email="user1@domain.com"/>
	        <address>
	            <street1></street1>
	            <street2></street2>
	            <city></city>
	            <state></state>
	            <postal_code></postal_code>
	            <country>US</country>
	        </address>
	        <last_saved_location>
	            <latitude>38.906639</latitude>
	            <longitude>-77.016577</longitude>
	            <precision>state</precision>
	            <city/>
	            <state>DC</state>
	            <postal_code/>
	            <country>US</country>
	        </last_saved_location>
	        <custom_columns>
	            <custom_column name="Age"/>
	            <custom_column name="contact_NYC"/>
	            <custom_column name="Test"/>
	        </custom_columns>
	    <subscriptions>
	      <subscription campaign_id="4015xx"
	campaign_name="test_campaign" campaign_description="test campaign"
	opt_in_path_id="" status="Opted-Out" opt_in_source="f12"
	created_at="2016-02-11T18:38:23Z" activated_at="2019-06-
	22T18:38:23Z" opted_out_at="" opt_out_source=""/>
	      </subscriptions></pre>

<table>
<tr><td colspan="2">

```
        <integrations>
            <integrations>
        </integrations>
            <clicks>
        </clicks>
        </profile>
</response>
```

</td></tr>
<tr><td></td><td>

For those companies with advocacy features turned on your response will also include the following districts information:

```
<last_saved_districts>
            <congressional_district>DC-1</congressional_district>
            <state_upper_district>DC-</state_upper_district>
            <state_lower_district>DC-</state_lower_district>
            <split_district>No</split_district>
</last_saved_districts>
```

</td></tr>
<tr><td>Example</td><td>

curl -- user yourusername:yourpassword \
https://secure.mcommons.com/api/profile_update_attribute?\
phone_number=2125552023&attribute=counter&attribute_value=1&\
save_behavior=always_create

</td></tr>
</table>

List mData	
URL:	https://secure.mcommons.com/api/mdatas
Protocol:	HTTP GET
Parameters:	None

Sample Response:	<pre><?xml version="1.0" encoding="UTF-8"?>
	<response success="true">
	  <mdatas>
	    <mdata>
	      <id>1</id>
	      <name>First mData</name>
	      <type>database</type>
	      <uuid>MD8C3CEDCF3B2A55F8170B8B31DE97639E</uuid>
	    </mdata>
	    <mdata>
	      <id>11</id>
	      <name>Web mData</name>
	      <type>web_service</type>
	      <uuid>MDAC9F4FB6754AF86B2108E07A4F5DE63E</uuid>
	    </mdata>
	  </mdatas>
	</response></pre>

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/mdata

List mData Queries	
URL:	https://secure.mcommons.com/api/mdata_queries
Protocol:	HTTP GET
Parameters:	mdata_id (required) from (limits returned queries to ones created **after** or on this date. ISO-8601 format) to (limits returned queries to ones created **before** or on this date. ISO-8601 format) limit (Limits the number of returned subscribers. **Maximum of 100**) page (Specifies which page, of the total number of pages of results, to return) include_custom_columns (default **true**, if set to **false** no custom columns/values will be returned)
| Sample Response: | ```xml
<?xml version="1.0" encoding="UTF-8"?>
 <response success="true">
 <mdata name="mdata 5440" id="4667" type="database">
  <queries page="1" limit="100" page_count="1">
   <query>
    <created_at>2018-07-26 16:26:45 UTC</created_at>
    <keyword/>
    <input>zjgbs5 gdfetw</input>
    There were no results for your search
    <result>error_response</result>
    <error_log_body/>
    <query_location>
      <street1/>
      <city/>
      <state/>
      <postal_code/>
      <country/>
      <latitude/>
      <longitude/>
    </query_location>
    <profile>
      <status>Active Subscriber</status>
      <email>hhussein@uplandsoftware.com</email>
``` |

```xml
        <first_name>Hager</first_name>
        <last_name>kom</last_name>
        <source_type>Keyword</source_type>
        <source_name>poor</source_name>
        <phone>
         <phone_number>16505548381</phone_number>
         <carrier_name>Verizon Wireless</carrier_name>
        </phone>
        <address>
          <street1>218 Guernsey St</street1>
          <street2>Apt 1</street2>
          <city>brooklyn</city>
          <state>CA</state>
          <postal_code>11222</postal_code>
          <country>US</country>
          <latitude>40.728088</latitude>
          <longitude>-73.955134</longitude>
          <geocoded_city>Brooklyn</geocoded_city>
          <geocoded_state>NY</geocoded_state>
          <geocoded_postal_code>11222</geocoded_postal_code>
          <geocoded_country>US</geocoded_country>
        </address>
        <custom_columns>
        <custom_column name="age"> 77 </custom_column>
        <custom_column name="Anniversary Test"> </custom_column>
        <custom_column name="Birthday"> </custom_column>
        <custom_column name="Counter"> </custom_column>
        <custom_column name="custom_date"> </custom_column>
        <custom_column name="CustomColumn1"> j </custom_column>
        <custom_column name="earlier_or_later"> </custom_column>
        <custom_column name="favorite animal"> </custom_column>
        <custom_column name="Favorite Color"> zjgbs5 Brown
</custom_column>
        <custom_column name="language"> English </custom_column>
        <custom_column name="Sent Birthday Inventation">
</custom_column>
        <custom_column name="time"> </custom_column>
        <custom_column name="yes_no"> </custom_column>
        </custom_columns>
       </profile>
      </query>
    </queries>
   </mdata>
  </response>
```

Example	curl --user yourusername:yourpassword \ https://secure.mcommons.com/api/mdata_queries?mdata_id=101

Message Types

Mobile Originated

"clear_request"	User texted a CLEAR keyword
"call_in_response"	User texted a response that triggered an mConnect
"call_in"	User texted a response that triggered an mConnect after already doing so at least 1x other time
"deactivation"	User texted "stop all", this is a carrier required delineation
"direct_response"	User texted a reply to a 1-1, chat or agent-view message
"donation_confirmation"	User confirmed a donation
"donation_decline"	User declined a donation
"donation_response"	User replied to a mobile giving broadcast
"donation"	User texted a donation keyword
"duplicate_opt_in"	User texted an opt-in keyword or phrase multiple times
"ftaf_opt_in_confirmation"	User, beta, confirmed tell a friend opt-in
"ftaf_opt_in_declination"	User, beta, declined tell a friend opt-in
"ftaf_response"	User responded toa taf prompt; ALPHA or referrer responses
"help_request"	User texted a HELP keyword
"info_response"	User texted a response to a broadcast request that was saving a response
"invalid_call_in_response"	User texted something other than the specific format we were looking for to trigger an mConnect
"invalid_donation_response"	User texted in a response to a donation request with something other than a confirmation or declination
"invalid_ftaf_response"	User, ALPHA, responded to a TAF prompt with something other than phone numbers

"invalid_info_response"	User texted in something other than the specifically formatted type of response we were looking for
"invalid_mdata_query"	User texted in an mdata query in a format other than the one we were looking for
"invalid_question_response"	User texted in something other than the specifically formatted type of response we were looking for in a question prompt
"mdata_query"	User texted in a messages that queried an mData
"opt_in_confirmation"	User texted in a confirmation to a double opt-in
"opt_in_declination"	User texted in a decline word to a double opt-in
"opt_in"	User texted a keyword that allowed them to
"opt_out"	User texted a STOP keyword
"question_response"	User texted a response that is being saved as a question response to an MT
"reactivation"	User texted in Oops to re-join
"reply"	User texted a reply to an MT
"simultaneous"	Two duplicate MOs arrived at the same time; we process the second (duplicate one) with this type
"unknown_help_request"	User texted a help keyword but we don't know what campaign they are texting into
"unknown_opt_out"	User texted a stop keyword but we don't know what campaign they are texting into
"unknown"	User texted a message but we can't determine the campaign it belongs to, or user texted a reactivation keyword multiple times
"unmatched"	User texted a message that the platform wasn't looking for and the platform has unmatched messaging turned on

Mobile Terminated

"regular_text"	Sent regular MT
"info_request"	Sent MT that is looking for an info reply
"call_in_request"	Sent MT that is looking for a reply to trigger a phone call
"mdata_request"	Sent MT that is looking for a reply to trigger an mData
"donation_request"	Sent MT that is looking for a reply to donat
"opt_in_request"	Sent MT that is looking for a reply to opt-in
"ftaf_request"	Sent MT that is looking for a TAF response
"ftaf_opt_in_request"	Sent MT that is looking for a TAF opt-in
"question"	Sent MT that is looking for a question type response
"direct_message"	Sent MT that is looking for a response to a 1-1, chat or agent view message
"opt_in_confirmation"	Sent MT requesting an opt-in comfirmation
"clear_response"	Sent MT confirming a clear request
"help_response"	Sent MT with help content
"opt_out_receipt"	Sent MT confirming an opt-out
"mdata_response"	Sent MT that is an mData response
"persistent_mdata_response"	Sent MT that is an mData response, sent as response to any request when a persistent mData is turned on
"t_and_c_message"	Sent MT that is a terms and conditions message
"donation_confirmation"	Sent MT after receipt of donation confirmation
"donation_approved"	Sent MT after receipt of donation approval
"donation_declined"	Sent MT when donation was declined
"donation_exceeded"	Sent MT when donation was exceeding amount
"donation_failure"	Sent MT when donation failed
"donation_unconfirmed"	Sent MT when donation was never confirmed
"duplicate_subscription_notification"	Sent MT in response to a user trying to opt in to the same keyword multiple times when the opt-in path has

	this message turned on

Outgoing message statuses

Initial	The message is generated but it's not yet pushed to the queue to be sent.
Queued	The message has been pushed to the queue and is being forwarded to the aggregator (Our gateway to the carrier)
Undeliverable	We can't get this out because either the status changed to opted-out or something happened at the carrier level and was unable to deliver the message.
Failed Permanently	When we attempt to send the message and we receive an un-retriable error from the aggregator due to the phone/carrier status.
Sent	The message was delivered successfully to the phone.

Errors & Troubleshooting

All API responses are returned as XML inside a `<response>` tag. The response tag will always have a `success=` attribute indicating success or failure.

If `success="false"`, the child element will be an error tag with an error ID and human-readable message.

For example:

```
<response success="false"><error id="3" message="Invalid message
body"></response>
```

Error Codes

ID Code	Message
0	Unknown error
1	Invalid campaign id
2	Invalid broadcast time
3	Invalid message body

4	Invalid company id
5	Invalid phone number
6	Invalid group id
7	Invalid start time
8	Invalid end time
9	Invalid mData id
10	Invalid Key
11	Phone is not opted-in to this campaign
12	Invalid fundraising id
13	Invalid message template
14	Phone is not textable
15	Invalid mConnect id
16	Invalid query parameters
17	Too many messages
18	Invalid name
19	Invalid opt-in path
20	Invalid URL
21	Invalid attachment
22	Invalid broadcast id
23	Invalid broadcast state change
24	Broadcast has not been sent. Can not retrieve recipients.
25	Message Template was mdata_request but campaign is not an mData
26	Invalid user id

27	API rate limit exceeded
28	Missing phone_number parameter
29	Invalid profile item save behavior
30	Invalid profile attributes
31	Invalid previous id
32	Invalid tag name
33	Invalid tag parameters
34	Invalid shortcode id
35	Invalid date range
36	Invalid scheduled_message_id
37	Message has already been sent

Resolution Category

Question: Other

Keywords rest api MC_API REST_API
Solution ID
  201123154359603
Last Modified Date
  02/29/2024 12:46:18 PM
Renew Date
  03/01/2025
Status
  Published
Author
  lkosnik@uplandsoftware.com
Taxonomy

- Mobile Commons > FAQs and Solutions > Technical Specs API Docs and CRM Integration

Collections

- UMM Self-Service

- UMM Support

[Go to Original Solution](#)