

SMS API User Guide



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1 PRESENTATION

1.1 Context


This guide aims to assist you in implementing our SMS API.

The APIs / webservices offered by Mediasflow allow developers to integrate the sending of single or batch SMS messages from your own software, CRM, ERP, website and business applications.

This API consists of functions accessible directly via HTTPS using a REST-type architecture.

In order to use our SMS API, it is necessary to be familiar with at least one programming language such as: .NET, JAVA, PHP, NodeJS, (non-exhaustive list).

1.2 General API Specifications

URLs	Production environment: https://app.mediasflow.com/MediasflowApi/v1/
Call method	POST, PUT GET and DELETE method with UTF-8 encoding and Content-Type: application/x-www-form-urlencoded. The configuration of the various functions is done by JSON structures integrated into the POSTs.
Security	HTTPS requests only. Authentication by username / password. Requests from unknown IP addresses are prohibited (IP(s) to be communicated to us for authorization). Integrity verification of data received by SHA-256 checksum.
Online support	Full online support is available via a Swagger accessible at  https://app.mediasflow.com/MediasflowApi <i>This Swagger allows you to retrieve the information contained in this guide, to authenticate yourself, to test the different functions of the API, to retrieve code examples according to your development language, etc.</i>

1.3 Connecting to the Swagger Test Tool

1/ Connect to the following URL: <https://app.mediasflow.com/MediasflowApi>

2/ Authenticate yourself with your login and password and click on “Execute”

Authentication Must be call before using API to retrieve a Bearer token

POST /users/login Generate a temporary Bearer token to allow API access.

return in header Authorization and in response Body a User

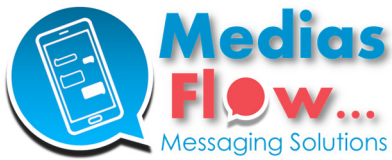
Parameters Cancel

Name	Description
login * required string (formData)	your login <input type="text" value="adresse@domaine.com"/>
password * required string(\$password) (formData)	your password <input type="password" value="*****"/>

Execute Clear

3/ In the “Response headers” section, copy the BEARER (including the word “Bearer” – [selection in blue](#))





4/ At the top of the screen, click on the green "Authorize" button

MediasFlow API 1.0.0
[Base URL: app.mediasflow.com/MediasFlowApi/v1]
<https://app.mediasflow.com/MediasFlowApi/v1/swagger.json>
MediasFlow API are only available on request, by default your account is locked. Please contact your sales support, and provide your IP

Schemes
HTTPS

Authorize

5/ In the window below, paste the bearer - including the word "Bearer" - in the "Value" box then click on Authorize

Available authorizations x

Bearer (apiKey)
Name: Authorization
In: header
Value:

Authorize Close

6/ You are connected and can start your tests! Be careful, the SMS are really sent!

Available authorizations x

Bearer (apiKey)
Authorized
Name: Authorization
In: header
Value: *****

Logout Close

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Strictly confidential document - Do not disclose

2 AVAILABLE FUNCTIONS

Each function is accessible via a URI. The configuration is done by JSON structures integrated into the POSTs.

Each function has the original URL:

<https://app.mediasflow.com/api/v1>

2.1 SMS sending request (/campaigns/inject)

This function allows sending SMS, individually or to a list of recipients. The API returns a JSON object containing, among other things, a campaign ID number. This campaign ID must be kept, it will be useful to retrieve the campaign report, cancel a scheduled campaign or inject a campaign (see below).

There are 2 sending methods:

1/ sending **WITHOUT** prior validation:

The campaign is injected immediately or at the scheduled date/time, without prior verification of the elements (startNow parameter = TRUE).

2/ sending **WITH** prior validation:

The campaign is prepared and checked (startNow parameter = FALSE). The campaign elements are returned to you via the API, with the campaign ID number. If the elements are suitable, you can then use the /campaigns/inject function by indicating this ID number in the "campaignId" value

Here is the list of all possible parameters for sending a SMS campaign:

Setting	Type	Mandatory	Description
campaignId	integer(\$int64)	Yes if the campaign has been previously submitted for preparation via the API	This value must contain the campaign ID number to send, <u>only</u> if it has been previously prepared via the API with the startNow value set to FALSE.
userOwnerId	string	No	User account reference. Only an account with ADMIN rights can send a campaign on behalf of a user.
brand	string	No	Title of the brand for which the campaign will be sent (if the account is authorized to send campaigns for multiple brands). Warning: Always use the same brand value for the same brand because the STOP SMS will be attached to the account of this brand.
campaignName	string	No	Campaign name. If not specified, the default name will be "Campaign API Creation Date"

listId	integer(\$int64)	No	No. of the list previously submitted via the API /lists/upload. The list in CSV format must contain at least one column named "mobile", "sms", "portable" or "gsm" and can obviously include other columns (name, first name, address, postcode, city, etc.)
listRecipient	string	No	<p>SMS recipient(s): The recipient's mobile number can be inserted in a "mobile" tag (see example below), "sms", "portable" or "gsm". Use listRecipient for not more than 50 mobile numbers. For more than 50, please use listId.</p> <p>Example : "listRecipient": [{ "title": "Mr", "lastName": "Your Lastname", "firstName": "Your Firstname", "email": "string", "mobile": "336xxxxx", "phone": "string", "fax": "string", "groupID": 0, "userOwnerID": "string", "extendedKeys": [{ "Adresse": "3 av Victor Hugo", "CP": "92200" }] }],</p>
msg	string	Oui	<p>SMS message to send. Example without customization: "msg": "This is a test SMS sent with the Mediasflow API."</p> <p>To add customization fields using fields from your list, you can use the default BASIC syntax \${FIELD_NAME} (see renderer value).</p> <p>Example with customization (with BASIC renderer): "msg": "This is a test SMS for \${FIRSTNAME} \${LASTNAME} sent with the Mediasflow API."</p> <p>The options that apply to the message are:</p> <ul style="list-style-type: none"> - allowUCS2 - autoREPLACEEMOJI - autoREPLACETO GSM7 - renderer - tinyList <p>Notes: Number of characters allowed by default: <u>in GSM7 encoding:</u> 160 characters <u>in UCS2 encoding:</u> 70 characters</p> <p>On request, your account can be configured to allow more characters within the message: <u>in GSM7 encoding:</u> multiple of 153 characters (i.e. 306, 459, 612,</p>

			<p>765 or 918 characters).</p> <p>1 SMS billed per recipient for each 153 character increment.</p> <p><u>in UCS2 encoding</u>: multiple of 67 characters (134, 201, 268, 335 or 402 characters)</p> <p>1 SMS billed per recipient for each 67 character increment.</p> <p>If the message exceeds the size authorized on the account, the message is not sent.</p>
sender	string	No	<p>SMS sender.</p> <p>It can contain from 3 to 11 alphanumeric characters maximum [A-Z], [a-z] and [0-9]. Punctuation characters are not allowed. In addition, it cannot contain only numbers.</p> <p>By default, if this value is not specified, the SMS will be sent with a 5-digit numeric sender (36XXX for MARKETING type campaigns and 38XXX for NOTIFICATION type campaigns)</p> <p>IMPORTANT : You can inject the campaign with a different sender than the one specified when creating the campaign. In this case, specify the new sender in the campaign launch request API :</p> <pre>{ "campaignId": 832455, "sender": "SENDER2", "startNow": true }</pre>
typeSelect	string	No	<p>Campaign type:</p> <ul style="list-style-type: none"> - MKG for MARKETING type campaigns - NOTIFICATION for NOTIFICATION type campaigns (to be used only for your alert messages, password reminders and appointment confirmations.) <p>By default, if this value is not specified, the campaign type created by default will be MKG.</p>
scheduleOn	string(\$date-time)	No	<p>Programming date & time (must be at least 5 minutes later than the time the order was received)</p> <p>Format: "yyyy-MM-dd'T'hh:mm:ss'Z"</p> <p>Example: "2021-06-24T09:30:58Z"</p>

renderer	string	No	<p>Syntax used for customization fields. Default syntax (BASIC): \${FIELD_NAME}</p> <p>Example of a message with customization: "msg": "This is a test SMS for \${FIRSTNAME} \${LASTNAME} sent with the Mediasflow API."</p> <p>Other possible values/syntaxes: - MEDIASFLOW: \${xxxxxxx} - MEDIASFLOW_B: \${[record]xxxxxxxxxxxxx}\$ - HANDLEBARS {{Handlebars}} ==> see https://jknack.github.io/handlebars.java/helpers.html - EJS <%=xxxxxxx%> ==> see https://ejs.co - VELOCITY \$xxxxxxx ==> see https://velocity.apache.org/engine/2.2/vtl-reference.html</p> <p>Note: If this value is not specified or if your account does not have a specific parameter, the syntax used is BASIC, i.e. a syntax in the form \${FIELD_NAME}.</p>
defaultForHeader	key:value	No	<p>Define the default value used for message personalization if a field is empty in your recipient list or in the recipient.</p> <p>Example: <pre>"defaultForHeader": { "Title": "Mr/Mme", "Ville": "Paris" }</pre> </p>
startNow	boolean	Yes	<p>2 possible values:</p> <ul style="list-style-type: none"> - TRUE: the campaign is injected immediately or at the scheduled date/time, without prior verification of the elements. - FALSE: the campaign is prepared and verified. The campaign elements are returned to you via the API, with the campaign ID number. If the elements suit you, you can then use the /campaigns/inject function by indicating this ID number in the "campaignId" value <p>. The default value is FALSE.</p>
allowUCS2	boolean	No	<p>2 possible values:</p> <ul style="list-style-type: none"> - TRUE: allows all possible characters (even non-GSM7 characters). - FALSE: only GSM7 characters will be allowed. <p>Warning: By setting the value to TRUE, and if your message contains a UCS2 character, your message will be limited to 70 characters per SMS (instead of 160).</p>

autoREPLACEEMOJI	boolean	No	<p>2 possible values:</p> <ul style="list-style-type: none"> - TRUE: character sequences corresponding to emojis will be automatically replaced by the corresponding emoji. <p>Example with the TRUE value: :-) will be replaced by 😊</p> <ul style="list-style-type: none"> - FALSE: character sequences corresponding to emojis will not be replaced by the corresponding emoji. <p>Example with the value FALSE: :-) will remain :-)</p> <p>Note: For the autoREPLACEEMOJI value to be TRUE, the allowUCS2 value must also be TRUE.</p> <p>Warning: By setting the value to TRUE, your message will be limited to 70 characters per SMS (instead of 160).</p>
autoREPLACETO GSM7	boolean	No	<p>2 possible values:</p> <ul style="list-style-type: none"> - TRUE: non-GSM7 characters will be automatically replaced by the corresponding GSM7 character. <p>Example with the TRUE value: the characters ç,â,ê,ë will be replaced by c,a,e,e. This allows you to keep 160 characters for your message.</p> <ul style="list-style-type: none"> - FALSE: non-GSM7 characters will not be replaced by the corresponding GSM7 character. <p>Example with the FALSE value: the characters ç,â,ê,ë will not be replaced.</p> <p>Note: If the value is FALSE, UCS2 is not enabled and the message contains a non-GSM7 character, then the campaign is not sent (only the intended recipient does not receive the message if the non-GSM7 character is in a personalization field).</p> <p>Warning: By setting the value to TRUE, and if your message contains a non-GSM7 character, your message will be limited to 70 characters per SMS (instead of 160).</p>

checkDuplicate	string	No	<p>2 possible values:</p> <ul style="list-style-type: none"> - TRUE: duplicates (based on the recipient's mobile number) will be deleted. Thus, if your list contains the same mobile number several times, the SMS will only be sent once. - FALSE: duplicates (based on the recipient's mobile number) will not be deleted. Thus, if your list contains the same mobile number several times, the SMS will be sent as many times as present in the list. <p>By default, if this value is not specified or if your account does not have a specific parameter, the default value will be TRUE.</p>
billingCode	string	No	<p>Billing code that you will find on your invoice. This code can be useful to facilitate the grouping of transactions and thus facilitate the breakdown of the invoice.</p>

tinyList		Yes if URL to shorten	<p>Contains the URL or URLs to be shortened.</p> <p><u>1/ Example with a URL shortened by Mediasflow</u> Hello for more info: \${track_1} STOP 36184</p> <pre>"tinyList": [{ "associateToDomain": "1mf.eu", "host": "1mf.eu", "imageName": "og_image.png", "index": { "0" }, "isOG": true, "listParameter": ["name=\${Nom}"], "type": "REDIRECT", "urlToRedirect": "http://mediasflow.fr?name=\${Nom}" }],</pre> <p><u>2/ Example with shortened URL by MediasFlow + image preview + title + description</u> Bonjour pour plus d'info : \${track_1}STOP 36184</p> <pre>"tinyList": [{ "associateToDomain": "1mf.eu", "description": "Description", // description of the preview "host": "1mf.eu", "imageName": "og_image.png", "index": { "0" }, "isOG": true, "label": "Title", // title of the preview "listParameter": ["name=\${Nom}"], "type": "REDIRECT", "urlToRedirect": "http://mediasflow.fr?name=\${Nom}" }],</pre> <p>"b64ImagePreview": "xxxx" // xxxx is equivalent to the base64 of the image in preview</p> <p><u>Notes:</u> \${ track_1 } is set in Index 0 \${track_2 } is set in Index 1 etc...</p> <p><u>Important:</u> The name of the GET parameters in the URL must be in <u>UPPERCASE</u> and must <u>match the keyName</u></p>
urlToRedirect	string	Yes if URL to shorten to a website	Link URL
nameToLocalHTML	string	Yes if URL to shorten to a web page attached via API	Name of the HTML file (contained in the .zip of the b64ZipLoccal parameter)

listParameter	[...]	No	Possible customization fields appearing after the URL. For example: ["name=\${Name}"] for a URL "http://mediasflow.fr?name=\${Name}"
type	string	Yes if URL to shorten to a website or web page attached via API	2 possible values: - LOCAL: if the URL redirects to an HTML file (contained in the .zip of the b64ZipLocal parameter) - REDIRECT: if the URL redirects to a URL (specified in the urlToRedirect value)
label	string	No	Title appearing under the Image preview option (to be described only on the 1st URL - index0). Limited to 20 characters.
description	string	No	Description appearing under the title of the Image preview option (to be described only on the 1st URL - index0). Limited to 40 characters.
imageName	string	Yes if image preview	Name of the preview image (with extension). For example myimage.png Accepted formats: .jpg or .png
renderer	string	No	Defaults to the same as the renderer parameter but other values are possible (see possible value in the renderer parameter above).
endOfLife	string(\$date-time)	No	Duration of hosting of the shortened URL expressed in number of days. Default 45 days (unless your account contains another setting).
index	integer(\$int32)	Yes if URL to shorten	Allows to separate the setting of each URL: index:0 for track1 index:1 for track2etc...
b64ImagePreview	string	Yes if image preview	Image for the Image preview option in BASE64 format.
b64ZipLocal	string	Yes if URL to shorten to a website or web page attached via API	ZIP containing the HTML file in BASE64 format (see nameToLocalHTML).

2.1.1 simple send request - **WITHOUT** prior validation

```
{
  "listRecipient": [
    {
      "mobile": "0632545311"
    }
  ],
  "msg": "Ceci est un test d'envoi SMS pour ${PRENOM}",
  "startNow": true
}
```

2.1.2 Example of a send request with parameters - **WITHOUT** prior validation

```
{
  "listRecipient": [
```

```
{
  "mobile": "0632545311",
  "extendedKeys": [
    { "keyName": "REF",
      "keyValue": "My reference"}, { "keyName": "NAME_OF_MY_LISTE_1_FIELD",
      "keyValue": "VEEPEE"}, { "keyName": "NAME_OF_MY_LISTE_2_FIELD",
      "keyValue": "PROXI LEBON"}, { "keyName": "NAME_OF_MY_LISTE_3_FIELD",
      "keyValue": "10:00"}, { "keyName": "NAME_OF_MY_LISTE_4_FIELD",
      "keyValue": "BTZ"}, { "keyName": "NAME_OF_MY_LISTE_5_FIELD",
      "keyValue": "14554432"}
  ],
  "msg": "Your package ${NAME_OF_MY_LIST_1_FIELD} is available at your relay point
  ${NAME_OF_MY_LIST_2_FIELD} from ${NAME_OF_MY_LIST_3_FIELD}. Your ref
  ${NAME_OF_MY_LIST_4_FIELD}${NAME_OF_MY_LIST_5_FIELD}. No time to pick it up? Receive your
  package by appointment today by clicking on the link ${track_1}",
  "startNow": true,
  "sender": "SMS_sender",
  "typeSelect": "NOTIFICATION",
  "tinyList": [{
    "associateToDomain": "lmf.eu",
    "description": "Description",
    "host": "lmf.eu",
    "imageName": "og_image.png",
    "index": 0,
    "isOG": false,
    "label": "Title",
    "listParameter": ["ref=${NAME_OF_MY_LIST_FIELD_5}"],
    "type": "REDIRECT",
    "urlToRedirect": "http://www.myurl.com/?ref=${MY_LIST_FIELD_NAME_5}"
  }]
}
```

2.1.3 simple send request - **WITH** prior validation

```
{
  "listRecipient": [
    {
      "mobile": "0632545311"
    }
  ],
  "msg": "Ceci est un test d'envoi SMS pour ${PRENOM}",
  "startNow": false
}
```

2.1.3.1 Example of return sent by the SMS API following a sending request **WITH** prior validation

```
{
  "userOwnerID": "5e1f4f4e7e9b504fcfd49eb2",
  "customerID": "5e1f1fa1392b6a759299b09a",
  "id": 943,
  "sendToSelect": "SMS",
  "typeSelect": "MKG",
  "campaignName": "2021-06-16 18:29 campaign API",
  "listInCampaign": {
    "_id": 0,
    "type": "VIRTUAL",
    "globalInvalidLine": 0,
    "validNumberMOBILE": 0,
    "validNumberEMAIL": 0,
    "invalidNumberEMAIL": 0,
    "invalidNumberMOBILE": 0,
    "size": 0,
    "maxSizeDataLine": 0,
    "recipients": [
      {
        "mobile": "0632545311",
        "groupID": 0,
        "id": 0
      }
    ],
    "listsItems": [],
    "lineDuplicateMobile": [],
    "countDuplicateMobile": 0,
    "lineDuplicateEmail": [],
    "countDuplicateEmail": 0,
    "charsetDetected": "",
    "campaignId": 0
  },
  "countRecipient": 1,
  "countInvalidRecipient": 0,
  "countInBlackListRecipient": 0,
  "countDuplicateRecipient": 0,
  "renderer": "BASIC",
  "creationDate": "Jun 16, 2021 6:29:07 PM",
  "sender": "36184",
  "status": "DRAFT",
  "shortCode": "36184",
  "message": "Ceci est un test d'envoi SMS pour ${PRENOM}",
  "pathToCampaign": "af/03/",
  "checkDuplicate": true,
  "allowUCS2": false,
}
```

```

"autoREPLACEEMOJI": false,
"autoREPLACETO7SM7": true,
"defaultForHeader": {},
"creditCount": 1.0,
"creditAfterInjection": 0.0,
"globalCounter": 0,
"countValid": 1,
"countPosted": 0,
"countDuplicate": 0,
"countNotAllowed": 0,
"countNotValid": 0,
"countErrorRendering": 0,
"countMaxCrediteOver": 0,
"countMaxCreditFound": 1,
"updateDate": "Jun 16, 2021 6:29:07 PM",
"scheduled": false,
"isInScheduler": false,
"tinyList": [],
"countBlackList": 0,
"countBlackListMEDIASFLOW": 0,
"countBlackListCUSTOMER": 0,
"countBlackListBRAND": 0
}

```

The "status" property can contain the following values:

- **INPROGRESS:** campaign currently being processed
- **DRAFT:** campaign created
- **INJECTED:** campaign sent
- **INJECTING:** in the process of injection, temporary and short status... unless there is an underlying error
- **SCHEDULED:** scheduled campaign

2.1.3.2 Example of a request to inject a campaign **WITH** prior validation

```

{
  "campaignId": 943,
  "startNow": true
}

```


2.2 2.2 Changing the SENDER after campaign creation (PUT/campaigns/{campaignID}/sender)

This function allows you to modify the sender of a campaign after its creation (for a campaign still in “DRAFT” status).

Setting	Type	Mandatory	Description
campaignId	string	Yes	Campaign ID number communicated by API return after the campaign creation request and on which you wish to modify the sender.
sender	string	No	New SMS sender to configure on the campaign.

2.3 Send a test on an existing campaign (PUT/campaigns/{campaignID}/test)

This feature allows you to run a test on an existing campaign that already contains a message.

The permitted parameters for this feature are:

Setting	Type	Mandatory	Description
campaignId	string	Yes	Campaign ID number communicated by API return after the campaign creation request and on which you wish to modify the sender.
phoneNumbers	string	Yes	Mobile number(s) on which you wish to launch your test. Can contain one or more numbers. If multiple numbers, separate them with [,] or [;] For example, 33685812475 or 33685812475; 33685812476
sender	string	Non	Allows you to specify a different SMS sender than the one you specified when creating the campaign. IMPORTANT : The SMS sender specified in this parameter is used for testing purposes only. It does NOT change the SMS sender configured when your campaign was created. To change your campaign's SMS sender, refer to the function PUT/campaigns/{campaignID}/sender

2.4 Retrieving campaign report in CSV format (/campaigns/report/{campaignid})

This query allows you to retrieve the emission report of a completed or ongoing campaign in CSV format.

Setting	Type	Mandatory	Description
campaignId	integer(\$int64)	Yes	Campaign ID number that was communicated to you by API return after the request to prepare or send the campaign.
status	string	No	List of desired statuses, delimited by a comma [,] For example 16,14
details	string	No	List of customization fields in your original file that you want to retrieve in the CSV report that will be generated. Delimited by a semicolon [;] if multiple fields. By default all fields are present in the CSV report.

2.5 Retrieving campaign report in JSON format (/campaigns/reportjson/{campaignid})

This query allows you to retrieve the emission report of a completed or ongoing campaign in JSON format.

Setting	Type	Mandatory	Description
campaignId	integer(\$int64)	Yes	Campaign ID number that was communicated to you by API return after the request to prepare or send the campaign.
status	string	No	List of desired statuses, delimited by a comma [,] For example 16,14

2.6 Retrieving campaign reports over a given period in JSON format (/campaigns/reportjson/)

This query allows you to retrieve the emission report in JSON format of one or more campaigns over a given period, or on a specific criterion (telephone number, customer reference, etc.). The campaign(s) must be completed or in progress.

Warning : The default period is 7 days. If more than 7 days, then an error message is generated.

Setting	Type	Mandatory	Description
userId	string	No	ID of the account on which the request will be made. If not specified and you are an admin of the account, the request will be made on all User IDs of the account.
status	string	No	List of desired statuses, delimited by a semicolon [;] For example: 110;111;112;113
types	string	No	Media concerned by the request. For example: SMS;EMAIL;VOCAL If not specified, the query will return all media (SMS+EMAIL+VOCAL)
from	string	Yes	Date from which the request applies. Format: YYYY-MM-DD or YYYY-MM-DD HH:MM For example: 2022-03-25 → query performed on all shipments made <u>since</u> March 25, 2022
to	string	No	Date until which the request applies. Format: YYYY-MM-DD or YYYY-MM-DD HH:MM For example: 2022-03-25 to 2022-03-28 → query performed on all shipments made <u>between</u> March 25 and 28, 2022
search	string	No	Allows you to make a query on one or more given criteria. FIQL query, [, is or] [; is and] fields.REF==DRAFT;fields.REF==value For example : item ==0685812475 → query performed for all SMS send to No. 0685812475 item=re=3368581* → query performed for all SMS send to No. beginning by 3368581

			<p>type==BCAST_MKG → query performed for all SMS send via our SMS MARKETING Route</p> <p>type==P2P → query performed for all SMS send via our SMS NOTIFICATION Route</p> <p>msg=re=Hello* → query performed for all SMS send with the word “Hello” in the SMS message</p> <p>Remarques : the query with * is only possible text fields</p>
--	--	--	---

2.7 Retrieving campaign reports over a given period in CSV format (/campaigns/report/)

This query allows you to retrieve the broadcast report in CSV format for one or more campaigns over a given period, or on a specific criterion (telephone number, customer reference, etc.). The campaign(s) must be completed or in progress.

Setting	Type	Mandatory	Description
userID	string	No	ID of the account on which the request will be made. If not specified and you are an admin of the account, the request will be made on all User IDs of the account.
keyField	string	No	List of fields you want to return in the report separated by [;] For example: LASTNAME;FIRSTNAME;REFCLIENT → the report generated in CSV format will contain these columns.
status	string	No	List of desired statuses, delimited by a semicolon [;] For example: 110;111;112;113
types	string	No	Media concerned by the request. For example: SMS;EMAIL;VOCAL If not specified, the query will return all media (SMS+EMAIL+VOCAL)
from	string	Yes	Date from which the request applies. Format: YYYY-MM-DD or YYYY-MM-DD HH:MM For example: 2022-03-25 → query performed on all shipments made <u>since</u> March 25, 2022
to	string	No	Date until which the request applies. Format: YYYY-MM-DD or YYYY-MM-DD HH:MM For example: 2022-03-25 to 2022-03-28 → query performed on all shipments made <u>between</u> March 25 and 28, 2022
search	string	No	Allows you to make a query on one or more given criteria. FIQL query, [, is or] [; is and] fields.REF==DRAFT;fields.REF==value For example : item ==0685812475 → query performed for all SMS send to No. 0685812475 item=re=3368581* → query performed for all SMS send to No. beginning by 3368581 type==BCAST_MKG → query performed for all SMS send via our SMS MARKETING

			Route type==P2P → query performed for all SMS send via our SMS NOTIFICATION Route msg=re=Hello* → query performed for all SMS send with the word "Hello" in the SMS message Remarques : the query with * is only possible text fields
--	--	--	---

2.8 Canceling a scheduled campaign (/campaigns/{campaignid}/cancel)

This request allows you to cancel a scheduled campaign. It is possible to cancel a campaign up to 10 seconds before its sending date/time. Once canceled, the campaign is returned to "DRAFT" status.

Setting	Type	Mandatory	Description
campaignId	integer(\$int64)	Yes	Campaign ID number that was communicated to you by API return after the request to prepare or send the campaign.

2.9 Adding a mobile number to the blacklist (/blacklist)

This request allows you to add a mobile number to the account blacklist. The blacklist is a list of numbers that no longer wish to receive SMS messages.

Setting	Type	Mandatory	Description
item	string	Yes	Mobile number to add to the blacklist. Example: "item": "+33685812475"
typeItem	string	Yes	2 possible values: - MOBILE : add a mobile number to the SMS blacklist - VMS : add a mobile number to the VMS/VOICE blacklist
createdDescription	string	No	Allows you to add a description to the number addition. Example: In-store complaint on June 22, 2021
brand	string	No	Allows you to specify for which brand the number is added to the blacklist (only valid for accounts sending SMS for multiple brands).

2.9.1 Example of a request to add a mobile number to the SMS blacklist

```
{
  "item": "+33685812475",
  "typeItem": "MOBILE",
  "createdDescription": "plainte en magasin le 22 juin 2021"
}
```

2.10 Retrieving the contents of the blacklist in JSON format

This query allows you to retrieve the contents of your blacklist in JSON format.

The blacklist is the repellent list containing the mobile numbers of people who have requested to no longer receive your SMS communications.

API response example :

```
{
  "associateTo": "xxxxxxxxxxxxxxxxxxxxxxxxxxxx",
  "associateToType": "CUSTOMER",
  "createdBy": "1225",
  "createdByType": "CAMPAIGN",
  "createdDescription": "Stop",
  "creationDate": "2022-01-07T17:00:48.885Z[UTC]",
  "customerID": "xxxxxxxxxxxxxxxxxxxxxxxxxxxx",
  "hashItem": "5ca1e060fd5b30995ef987d31da598dc",
  "id": 29382,
  "item": "33612836049",
  "typeItem": "BCAST"
},
```

2.11 Submit a list of recipients (/lists/upload)

This query allows you to drop a list of recipients in CSV format. The list must contain at least one column titled "mobile", "sms", "portable" or "gsm" containing the recipient's mobile phone number. It can obviously include other columns (name, first name, address, postcode, city, etc.), but for performance reasons and to comply with the GDPR, we recommend only dropping the columns that are useful for sending and personalizing the message.

Setting	Type	Mandatory	Description
userOwnerID	string	No	User account reference. Only an account with ADMIN rights can send a campaign on behalf of a user.
description	string	No	<u>If you fill in this parameter (optional), the list will have this name in the "Recipients" tab of a campaign (to be selected by the user within their campaign)</u>
filename	string	Yes	Name of the list as it will appear on our platform <u>in the LISTS menu and in the "Recipients" tab of a campaign (unless you have specified a "description" - see above)</u>
File	file	Yes	Recipient list in CSV format

IMPORTANT: only an ADMINISTRATOR user can see these lists in the LISTS menu and/or in the "Recipients" tab of a campaign

2.11.1 Example of return sent by the API following a request to submit a list of recipients

```
{
  "campaignId": 0,
  "charsetDetected": "WINDOWS-1252",
  "computedHeaderSize": {
    "Prénom": {
      "6": 5,
      "7": 2,
      "8": 3,
```

```

    "10": 1
  },
  "Adresse": {
    "13": 1,
    "15": 2,
    "17": 1,
    "18": 1,
    "20": 2,
    "21": 1,
    "22": 2,
    "25": 1
  },
  "Prix": {
    "0": 1,
    "2": 1,
    "3": 4,
    "4": 5
  },
  "Civilité": {
    "0": 1,
    "2": 6,
    "3": 4
  },
  "SMS": {
    "0": 1,
    "9": 4,
    "11": 1,
    "12": 1,
    "13": 1,
    "14": 3
  },
  "Nom": {
    "3": 1,
    "5": 1,
    "6": 6,
    "7": 2,
    "8": 1
  },
  "CP": {
    "5": 11
  },
  "Ville": {
    "5": 6,
    "6": 3,
    "7": 1,
    "20": 1
  }
},
"countDuplicateEmail": 0,
"countDuplicateMobile": 1,
"creationDate": "2021-06-25T08:46:45.937Z [UTC]",
"customerID": "5e1f1fa1392b6a759299b09a",
"description": "liste_demo",
"emptyKeys": [

```

```

    "Prix",
    "Civilité"
  ],
  "filePath":
"/mnt/mediasflow/shared/5e1f1fa1392b6a759299b09a/6009b630d86ae22270c0f3d6/lists//EdKzVweeYahf
CiqT.tmp.csv",
  "globalInvalidLine": 0,
  "header": [
    "Civilité",
    "Prénom",
    "Nom",
    "Adresse",
    "CP",
    "Ville",
    "Prix",
    "SMS"
  ],
  "id": 392,
  "invalidCountryCounter": {},
  "invalidLineList": [
    10
  ],
  "invalidNumberEMAIL": 0,
  "invalidNumberMOBILE": 1,
  "lineDuplicateEmail": [],
  "lineDuplicateMobile": [
    "11"
  ],
  "listName": "liste_demo",
  "maxDatasMap": {
    "Prénom": "Jacqueline",
    "Adresse": "12 Avenue des Antiquaires",
    "Prix": "17 €",
    "Civilité": "Mme",
    "SMS": "tel:0624170068",
    "Nom": "Gaillard",
    "CP": "75017",
    "Ville": "Boulogne-Billancourt"
  },
  "maxSizeDataLine": 66,
  "size": 11,
  "type": "CSV",
  "userOwnerID": "6009b630d86ae22270c0f3d6",
  "validCountryCounter": {
    "FR": 10
  },
  "validNumberEMAIL": 0,
  "validNumberMOBILE": 10
}

```

2.11.2 List of parameters in the API return following a request to submit a list of recipients

Setting	Type	Description
userOwnerID	string	Automatically completed based on the user account used to submit the list. Only an account with ADMIN rights can submit a list on behalf of another user.
customerID	string	customerID automatically completed according to the ID used to deposit the API.
type*	string	2 possible values: - CSV: used to submit a list in CSV format - VIRTUAL: allows you to create a list of lists and/or a list of "single recipients"
filePath	string	Path used internally - cannot be changed.
listName	string	Name of the list.
emptyKeys	string	Contains the columns in your list that have at least one empty value.
invalidLineList	integer(\$int32)	Contains the list of lines having an invalid recipient.
globalInvalidLine	integer(\$int32)	Invalid line number.
invalidCountryCounter	integer(\$int32)	Number of recipients per country not allowed for sending SMS from your account.
validCountryCounter	integer(\$int32)	Number of recipients per country authorized for sending SMS from your account.
computedHeaderSize	integer(\$int32)	For each column in your list, number of recipients with X characters. Example: " First name": { "6": 5, "7": 2, "8": 3, "10": 1 }, In this example, understand that 5 recipients have a first name of 6 characters, 2 of 7 characters, etc...
validNumberMOBILE	integer(\$int32)	Valid mobile number.
validNumberEMAIL	integer(\$int32)	Number of valid email addresses.
invalidNumberEMAIL	integer(\$int32)	Invalid email address number.
invalidNumberMOBILE	integer(\$int32)	Invalid mobile number.
creationDate	string(\$date-time)	Date the list was created.
description		Name of the list.
header	integer(\$int32)	List of column headers in your list.
size	integer(\$int32)	Number of lines detected in your list.
maxSizeDataLine	integer(\$int32)	Longest fields for each column in your list.
recipients		Recipients added (outside recipient list(s))
listsItems		Corresponds to a list of lists (total of lists in your campaign)
lineDuplicateMobile	string	List of lines where duplicates are found (mobile phone numbers).
countDuplicateMobile	integer(\$int32)	Number of duplicates (mobile phone number).

maxDatasMap		Longest value for each column in your list. Example: "maxDatasMap": { "Prénom": "Jacqueline", "Adresse": "12 Avenue des Antiquaires", "Prix": "17 €", "Civilité": "Mme", "SMS": "tel:0624170068", "Nom": "Gaillard", "CP": "75017", "Ville": "Boulogne-Billancourt" },
lineDuplicateEmail	string	List of lines where duplicates are found (email address).
countDuplicateEmail	integer(\$int32)	Number of duplicates (email address).
charsetDetected	string	Charset detected in your list.
brand	string	Allows you to associate a list with your "brand" account
idlistItems	integer(\$int64)	List ID No.

3 ERROR CODE

Status Code	Status Label	Definiton	Color
1	In progress	The message is being prepared.	
9	Sending in progress	The message is ready to be sent. It is being broadcast.	
10,28	Posted	The message has been sent to the operator but without confirmation of receipt or non-receipt.	
24	Sent	The message has been posted for routing to the operator.	
16,21	Delivered	The message has been successfully delivered to the recipient's mobile phone.	
17	Delivered + STOP requested	The message has been successfully delivered to the recipient's mobile phone, and they have requested to no longer receive messages (STOP response).	
20,25	Not delivered	The message was successfully transmitted to the operator but was not delivered to the recipient's mobile phone.	
29,30	Unassigned number	The mobile number is unknown to the operator.	
31	Mobile unavailable	The recipient's mobile phone is switched off or out of network coverage at the time of the SMS sending attempt (further attempts are made to try to deliver the message).	
32	SMS rejected	The message was rejected by the operator due to a non-compliant parameter.	
13	Operator refused	The operator refused the number after the sending attempt.	
27	Operator rejected	The message was rejected by the operator.	
2	Malformed number	The number is incorrectly formatted and cannot be sent.	
22	Message expired	After several attempts, the message expired because it exceeded the standard lifetime of an SMS (default 48 hours).	
23	Message deleted	The message was deleted before being sent to the operator.	
26	Unknown error	The operator returned an unknown error.	
3	Destination not authorized	The destination is not authorized on your account.	
5	Personalization error	Error in personalizing the message.	
6	UCS2 character not authorized	The message contains a UCS2 character that is not authorized on your account and/or campaign.	
7	Message too long	The message is too long compared to the number of characters allowed on your account and/or campaign. Default character limits: 160 characters in GSM7 encoding 70 characters in UCS2 encoding.	
8	Insufficient credit	Insufficient credit on your account.	
12	Processing error	An error occurred during the sending process.	
4	Duplicates	The number is duplicated in your recipient list(s).	
19	Missing rate	The message was not delivered because the rate is missing for this destination.	
14	Recipient in your blacklist	The message was not sent because the number is present in your blacklist (person not wishing to receive messages from you anymore).	
15	Recipient in our global blacklist	The message was not sent because the number is present in our global blacklist (person not wishing to receive any messages from Mediasflow anymore).	
18	Recipient in your client's blacklist	The message was not sent because the number is present in your client's blacklist (person not wishing to receive messages from your client).	
21	Delivered	The message has been successfully delivered to the recipient's mobile phone.	

MediasFlow SAS

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4 SMS CAMPAIGN REPORTS IN CSV FORMAT (IN ADDITION TO THE COLUMNS IN YOUR ORIGINAL FILE)

Column Title	Description
REF_LIST	Name of your recipient list
ID_LINE	Line number of your recipient list
INT_MOBILE	Recipient's mobile number formatted according to international standard
STATUS_CODE	Status code (issued, not issued, etc.). See list of possible status codes in Appendix 3.
STATUS_TEXT	Status label (issued, not issued, etc.). See list of possible status labels in Appendix 3.
DELIVERYDATE	Date and time of message delivery in DD/MM/YYYY HH:MM:SS format
REPLY	Response received
PREVIEW	Date and time the URL preview image was displayed
PREVIEW_COUNTER	Number of times the URL preview image was displayed
TRACK_1	Date and time of the click on URL1 (URL tracking option).
TRACK_1_COUNTER	Number of times URL1 was clicked
TRACK_2	Date and time of the click on URL2 (URL tracking option).
TRACK_2_COUNTER	Number of times URL2 was clicked
TRACK_3	Date and time of the click on URL3 (URL tracking option).
TRACK_3_COUNTER	Number of times URL3 was clicked