



PUSH MSISDN MAIL 2 SMS MODE

Technical Documentation



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I - Introduction

The document is divided into 3 parts:

- The first part deals with the creation of a message sending account
- The second part presents the sending of messages
- The third part contains the annexes

If you have technical questions please contact support at the following address:
support@iSendPro.com

Technical support is available every day of the week from 9 am to 1 pm and from 2 pm to 5pm (GMT+1).

II - Set up of a client account for http push / mail 2 sms mode

It is necessary to have a valid account with credit.

For each message sent, one credit will be used.

- Information needed to create an account:
 - Company name
 - Lastname Firstname
 - Phone number
 - Email
 - IP adresse(s) to authorize

- Information given in return:
 - Login
 - Password

III - Use of the API

The email must be sent to sendsms@isendpro-api.com

The email must contain XML formatted data in the message body like:

```
<envoi>
<keyid>[KEY_ID]</keyid>
<num>[MOBILE_NUMBER]</num>
<sms>[MESSAGE]</sms>
<emailId>[UNIQUE_ID]</emailId>
</envoi>
```

The emailId argument uniquely identifies an e-mail request. If 2 e-mails are received with the same emailId, then the 2nd will not be processed and an error message will be returned to the email address specified in emailAck

Notes:

- Emails must be sent in plain text format without any formatting. Otherwise the email will not be processed.
- The line break must be replaced by the character `Ö`.
- If the email address of the sender has not been authorized, shipments will not be made.
- The keyId is available on your customer area in the "My Account" tab.

1 – Sending to one recipient

The expected data are:

Data	Meaning	Format	Example
keyid	Identification key of the account	String	a296464ce-012b8ab710a
sms	message to send	String	Hello, how are you ?
num	Mobile phone number	11 numeric	33601020304 or 33701020304
senderid	Sender id of the message	alphanumeric	MyCompany
tracker	To track the message	alphanumeric	myTracker01
smslong	Number of SMS for the message	1 numeric	2
emailId	unique identifier of the email	numeric	1
emailAck	Email adress to send processing acknowledgment	alphanumeric	not@mycompany.com
emailNot	Email adress to send sending acknowledgment	alphanumeric	ack@mycompany.com

Example :

```

<envoi>
<keyid>a296464ce012b8ab710a</keyid>
<num>33601020304</num>
<sms>Special offer ! 10% off on everything</sms>
<senderid>MyCompany</senderid>
<emailNot>not@ mycompany.com</emailNot>
<emailAck>ack@masociete.com</emailAck>
<emailId>1548</emailId>
</envoi>

```

2 – Sending to various recipients

This solution makes it possible to send a message up to 500 different recipients per request, thus allowing an increase in the speed of the mailings.

Phone numbers are placed in **numX** variables where **X** is an integer from 1 to 500 at most.

If the message is identical for all the recipients, it must be set only once in the sms data.

If the message is different for each recipient then the messages are placed in **smsX** variables where **X** is an integer from 1 to 500. In this case the **smsX** message will be sent to the recipient **numX**

Data	Meaning	Format	Example
keyid	Identification key of the account	String	a296464ce-012b8ab710a
smsX	message to send	String	Salut ca va ?
numX	Mobile phone number	11 numeric	33601020304 or 33701020304
senderid	Sender id of the message	alphanumeric	MyCompany
tracker	To track the message	alphanumeric	myTracker01
smslong	Number of SMS for the message	1 numeric	2
emailId	unique identifier of the email	numeric	1
emailAck	Email adress to send processing acknowledgment	alphanumeric	not@mycompany.com
emailNot	Email adress to send sending acknowledgment	alphanumeric	ack@mycompany.com

Example :

```
<envoi>
<keyid>a296464ce012b8ab710a</keyid>
<num1>0601020304</num1>
<num2>0601020305</num2>
<sms>Special offer ! 10% off on everything</sms>
<senderid>MyCompany</senderid>
<emailNot>not@mycompany.com</emailNot>
<emailAck>ack@mycompany.com</emailAck>
<emailId>1548</emailId>
</envoi>
```

Voici un exemple de contenu d'un email pour 2 destinataires avec chacun leur message :

```
<envoi>
<keyid>a296464ce012b8ab710a</keyid>
<num1>0601020304</num1>
<num2>0601020305</num2>
<sms1>Special offer ! 10% off on everything</sms1>
<sms2>Special offer ! 15% off on everything</sms2>
<senderid>MyCompany</senderid>
<emailNot>not@mycompany.com</emailNot>
<emailAck>ack@mycompany.com</emailAck>
<emailId>1548</emailId>
</envoi>
```

3 – Use of a file in attachment

Instead of providing the phone numbers and the associated message in the body of the email, it is possible to provide this data in attachment files in the format ".csv"

The [sms] and [num] arguments must no longer be filled in the body of the message.

The email becoming :

```
<envoi>
<keyid>a296464ce012b8ab710a</keyid>
<emetteur>MaSociete</emetteur>
<emailNot>not@masociete.com</emailNot>
<emailAck>ack@masociete.com</emailAck>
<emailId>1548</emailId>
</envoi>
```

The file containing the mobile numbers must be named «mobiles.csv»

Each line contains a mobile phone number and possibly dynamic data separated by «;;»

The format being:

```
[num];;[1];;[2];;[3]
```

Example :

Without dynamic data:

```
33601020304
```


With dynamic data :

```
33601020304;;John;;Smith;;2017/01/17  
33601020305;;Sarah;;Doe ;; 2017/01/18
```

The file containing the message must be named «message.csv»

The message is in the first line and can have some dynamic data which will be replaced according to the data in the file «mobiles.csv»

Example :

Without dynamic data :

```
Hello, your new fidelity card is available
```

Avec des données dynamiques :

```
Hello [1] [2], your new fidelity card will be available the [3]
```

The message becoming

For the 33601020304 :

```
Hello John Smith, your new card will be available the 2017/01/17
```

For the 33601020305 :

```
Hello Sarah Doe, your new card will be available the 2017/01/18
```

4 – Change the sender id

The sender id must be an alphanumeric string between 4 and 11 characters. Accepted characters are numbers between 0 and 9, letters between A and Z and space.

It cannot be only numbers.

5 – Returns by email

- Ack

emails to the Ack address will be like:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<etatAck>
<emailId>[emailId]</emailId>
<code>[codeAck]</code>
<message>[messageAck]</message>
</etatAck>
```

With [emailId] : the value in the sending email or « ? » if no match found

CodeAck	MessageAck
0	Your email has been processed
1	emailId already processed
2	emailId not provided

- Not

emails to the Not for one recipient address will be like:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<etatNot>
<emailId>[emailId]</emailId>
</etatNot>
<etat>
<code>[code]</code>
<tel>[tel]</tel>
<message>[message]</message>
</etat>
```

emails to the Not for various recipients address will be like:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<etatNot>
<emailId>[emailId]</emailId>
</etatNot>
<etat1>
<code1>[code]</code1>
<tel1>[tel]</tel1>
<message1>[message]</message1>
</etat1>
...
<etatN>
<codeN>[code]</codeN>
<telN>[tel]</telN>
<messageN>[message]</messageN>
</etatN>
```

With

[emailId] : the value in the sending email or « ? » if no match found

[tel] : mobile number provided in the sending email

[code] : error code (cf. Annexes p.12)

[message] : error message (cf. Annexes p.12)

IV - ANNEXES

Tableau Code Erreur

Error code	Message
0	Your message has been sent
1	The login is empty
2	The password is empty
3	Your credentials are incorrect
4	You must enter a message
5	The message can not exceed 160 characters
6	You must enter a valid phone number
7	You must enter a valid phone number
11	The phone number is in the blacklist
12	You are out of credit
14	The IP adress is not allowed
16	The sender id can not be empty if defined
17	The sender id must be between 3 and 11 characters
18	The sender id can not contain only numbers
21	The phone number is invalid
23	The maximum number by request is 500
25	You must set the cost to number in 0899
26	You must set the cost to number in 0892
27	This country is not authorized
28	You are out of qualification credit
29	An error has occured (overflow)
30	Error on the connection domain
31	The message can not exceed [X] characters
32	The message is on [X] SMS ([Z] characters) whereas the request is on[Y] SMS
33	This sender id is not authorized
34	The value of smslong must be an integer
1000	The file has been imported
999	An error has occured. Please contact the technical support