

# HTTP SMS Interface Documentation

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## 一、 Work Mode

The two sides interactive data through HTTP, the third party can simply "name = value" way to send or respond to a request submitted content. That is, through the HTTP GET / POST mode switching.

Unified exchange data using UTF-8 encoding.

In addition both sides need to ensure data integrity and security, each time you send a request has response (response returns the format of XML), secure authentication using the authentication key way 32.

## 二、 Response Format

Request response that is submitted to the server each time (recommend using the POST submission) request the return value

Response format is XML:

```
<xml name="xxx" result="0"/>
```

Name For the submission of the interface name

Result The status code is returned

## 三、 Short Message Interface

Interface Parameter Description:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web
cgid	Use the channel group number, in the software or admin can view the available channel groups
csid	The default corporate signature number, please use your own business has been approved for signature number
c	Send content (total length should be 1000 characters or less) to use UTF-8 format, if not converted to UTF-8 character first, and then the URL character standardization transcoding. { URL Character Encoding Description: Returns a string, this string in addition to the -. Outside of all non-alphanumeric characters will be replaced with a percent sign ( %) followed by two hexadecimal digits and spaces encoded as plus No. (+)} ASP: server.URLEncode("content") PHP: urlencode("content") JAVA: java.net.URLEncoder.encode("content")

m	Phone numbers, such as a plurality comma separated (recommended 1000 and less mobile number, exceeds the system limit will return parameter error). Such as: 181***2707,186****7370
t	Optional parameters, if any, immediately sent there shall be at the current time one minute later, otherwise return an error. Format: yyyyMMddHHmmss such as: 20130721182038

**Example:**

http://api.aisix.com/OpenPlatform/OpenApi?action=sendOnce&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC&cgid=1&csid=101&c=%E6%B5%8B%E8%AF%95&m=181\*\*\*2707,186\*\*7370

Successful response is returned:

```
<xml name="sendOnce" result="1">
  <Item cid="xxx" sid="xxx" msgid="xxx" total="2" price="0.10" remain="170.040"/>
</xml>
```

Failure to return the response:

```
<xml name="sendOnce" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
msgid	Each time you send a message number
total	Tasks required number of short messages
price	Unit price
remain	The account balance after sending

Return Status Code Description:

CODE	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-4	The parameter is incorrect (the content and number can not be empty, cell phone numbers are excessive, the delivery time error, etc.)
-5	Corp account not available

-6	Staff account not available
-7	Account is not open interface to send
-8	Do not use the channel group
-9	Account balance is less
-10	Internal error
-11	Chargeback failure

#### 四、 Bulk SMS Interface

Bulk SMS sending interface is also known as one interface for a mobile phone number to send content corresponds to a bulk submission. Each number and content can not be empty, using bulk SMS sending required to submit at least two, at most one can commit 100 SMS. You can also regularly send one SMS to be sent only need to specify a time (in the current time of one minute later) can be. Submit success will return the number of each message and send billing balance after.

Note Bulk SMS is sent by a total number of billing, please ensure that your account balance sufficient to send text messages when the second batch. If your account balance is less than will return failure.

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web
cgid	Use the channel group number, in the software or admin can view the available channel groups
csid	The default corporate signature number, please use your own business has been approved for signature number
c	Send content (total length should be 1000 characters or less) to use UTF-8 format, if not converted to UTF-8 character first, and then the URL character standardization transcoding. { URL Character Encoding Description: Returns a string, this string in addition to the -. Outside of all non-alphanumeric characters will be replaced with a percent sign ( %) followed by two hexadecimal digits and spaces encoded as plus No. (+)} ASP: server.URLEncode("content") PHP: urlencode("content") JAVA: java.net.URLEncoder.encode("content") Used between multiple content "{}" separated, such as: content a {} content of two

m	Phone numbers, such as a plurality comma separated (allow 2-100 phone number, exceeds the system limit will return parameter error). Such as: 181****2707,186****7370
t	Optional parameters, if any, immediately sent there shall be at the current time one minute later, otherwise return an error. Format: yyyyMMddHHmmss such as: 20130721182038

**Example:**

http://api.aisix.com/OpenPlatform/OpenApi?action=sendBatch&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC&cgid=80&csid=101&c=%E6%B5%8B%E8%AF%95%E4%B8%80%7B%7C%7D%E6%B5%8B%E8%AF%95%E4%BA%8C&m=181\*\*\*\*2707,186\*\*\*\*7370&t=20130723222030

At this time pending content: Test a {} test two  
 Then the first phone receives the contents: Testing a  
 Then the second phone receives the contents: Testing two

Successful response is returned:

```
<xml name="sendBatch" result="1">
  <Item cid="xxx" sid="xxx" msgid="xxx" total="1" price="0.10" remain="170.040"/>
  <Item cid="xxx" sid="xxx" msgid="xxx" total="1" price="0.10" remain="169.940"/>
</xml>
```

Failure to return the response:

```
<xml name="sendBatch" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
msgid	Each time you send a message number
total	Tasks required number of short messages
price	Unit price
remain	The account balance after sending

Return Status Code Description:

CODE	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)

-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-4	The parameter is incorrect (the content and number can not be empty, cell phone numbers are excessive, the delivery time error, etc.)
-5	Corp account not available
-6	Staff account not available
-7	Account is not open interface to send
-8	Do not use the channel group
-9	Account balance is less
-10	Internal error
-11	Chargeback failure

## 五、 Dynamic parameters messaging interface

Dynamic parameter interface is mainly used for sending SMS text messages fixed format, but each outgoing parameters with dynamic content.

If the recipient's name, age, and data associated with the receiver.

Each dynamic SMS allowed to contain 10 and less dynamic parameters, SMS will automatically submit the message to be sent stitching and sent to the recipient phone.

Number of single submission consistent with the ordinary number sent, the number of divisions for each parameter to be consistent with the number of mobile phone number.

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web
cgid	Use the channel group number, in the software or admin can view the available channel groups
csid	The default corporate signature number, please use your own business has been approved for signature number

c	<p>Send content (total length should be 1000 characters or less) to use UTF-8 format, if not converted to UTF-8 character first, and then the URL character standardization transcoding.</p> <p>{ URL Character Encoding Description: Returns a string, this string in addition to the-_. Outside of all non-alphanumeric characters will be replaced with a percent sign (%) followed by two hexadecimal digits and spaces encoded as plus No. (+)}</p> <p>ASP: server.URLEncode("content")          PHP: urlencode("content")          JAVA: java.net.URLEncoder.encode("content")</p> <p>Dynamic parameters using the "{p1 ~ 10}", such as: Hello {p1}, you are{p2}!</p>
m	<p>Phone numbers, such as a plurality comma separated (allow 2-100 phone number, exceeds the system limit will return parameter error). Such as: 181****2707,186****7370</p>
p1~p10	<p>Each dynamic parameter specifies the specific value, multiple values using the "{ }" separated. In the message content contains dynamic parameter definition is valid. Dynamic parameter number should be consistent with the number of the sender number. Note that the dynamic parameter p is lowercase letters, in the content of the message is.</p>
t	<p>Optional parameters, if any, immediately sent there shall be at the current time one minute later, otherwise return an error. Format: yyyyMMddHHmmss such as: 20130721182038</p>

**Example:**

http://api.aisix.com/OpenPlatform/OpenApi?action=sendParam&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC&cgid=80&csid=101&c=%7Bp1%7D%E4%BD%A0%E5%A5%BD%EF%BC%8C%E4%BD%A0%E5%9C%A8%7Bp2%7D%E5%90%A7&m=181\*\*\*\*2707,186\*\*\*\*7370&t=20130723222030&p1=%E5%B0%8F%E6%98%8E%7B%7C%7D%E5%B0%8F%E7%8E%8B&p2=%E4%B8%8A%E6%B5%B7%7B%7C%7D%E5%8C%97%E4%BA%AC

At this time pending content: Hello {p1}, Do you live in {p2}?

p1 is Peter {} Evan

p2 is Shanghai {} Beijing

Then the first phone receives the contents: Hello Peter, Do you live in Shanghai?

Then the second phone receives the contents: Hello Evan, Do you live in Beijing?

Note: If the timer was dynamic parameter specifies a message to be sent time, regular time to the current time of one minute later

There are several mobile phone number corresponding dynamic parameter value should have a few number of inconsistencies return parameter error.

Message content in the specified dynamic parameters should be specified with the appropriate values.

Dynamic parameter value can appear multiple times in the content of the message, such as message content

to specify multiple {p1}.

Back to list the number of entries for the submission ITEM successful each message, each number that is sent in bulk corresponds to a.

If the account balance is not enough to send the text message is returned dynamic parameters failed, please ensure that your account balance is sufficient.

Successful response is returned:

```
<xml name="sendParam" result="1">
  <Item cid="xxx" sid="xxx" msgid="xxx" total="1" price="0.10" remain="170.040"/>
  <Item cid="xxx" sid="xxx" msgid="xxx" total="1" price="0.10" remain="169.940"/>
</xml>
```

Failure to return the response:

```
<xml name="sendParam" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
msgid	Each time you send a message number
total	Tasks required number of short messages
price	Unit price
remain	The account balance after sending

Return Status Code Description:

CODE	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-4	The parameter is incorrect (the content and number can not be empty, cell phone numbers are excessive, the delivery time error, etc.)
-5	Corp account not available
-6	Staff account not available



-7	Account is not open interface to send
-8	Do not use the channel group
-9	Account balance is less
-10	Internal error
-11	Chargeback failure

## 六、 Gets State Report

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

### Example:

<http://api.aisix.com/OpenPlatform/DataApi?action=getSendState&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC>

Successful response is returned (if there are multiple <Item/> multiple labels):

```
<xml name="getSendState" result="1">
  <Item id="1" msgid="xxx" mobile="1347****687" result="2" return="DELIVRD"/>
  <Item id="2" msgid="xxx" mobile="1347****111" result="1" return="REJECTD"/>
</xml>
```

Failure to return the response:

```
<xml name="getSendState" result="-1"/>
```

Return Parameters:

PARAMS	DESC
id	Sequentially numbered no practical significance
msgid	Each time you send a message number
mobile	Reception number
result	0 unknown state 1 transmission fails 2 sent successfully
return	DELIVRD,EXPIRED,DELETED,UNDELIV,ACCEPTD,UNKNOWN,REJECTD, DTBLACK, DTWORDS,DTFAILD,ERRBUSY

## Return Status Code Description:

CODE	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked

## Operators Return Value Description:

PARAMS	DESC
DELIVRD	Message is delivered to destination
EXPIRED	Message validity period has expired
DELETED	Message has been deleted
UNDELIV	Message is undeliverable
ACCEPTD	Message is in accepted state
UNKNOWN	Message is in invalid state
REJECTD	Message is in a rejected state
DTBLACK	The destination number is blacklist number
DTWORDS	Message has been blocked, including ban words
DTFALD	Send failed for unknown reasons
ERRBUSY	Operator system is busy status is unknown

## 七、 Get SMS Reply

## Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

**Example:**

<http://api.aisix.com/OpenPlatform/DataApi?action=getReply&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC>

Successful response is returned (if there are multiple <Item/> multiple labels):

```
<xml name="getReply" result="1">
  <Item id="1" time="1373883378000" mobile="137****4752" content="xx"/>
  <Item id="2" time="1373885378000" mobile="137****4112" content="xx"/>
</xml>
```

Failure to return the response:

```
<xml name="getReply" result="-1"/>
```

Return Parameters:

PARAMS	DESC
id	Sequentially numbered no practical significance
time	Reply time, Back to January 1, 1970 to the present number of milliseconds, UTC time
mobile	Reply phone Number
content	Reply content

Return Status Code Description:

CODE	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked

## 八、 Get Your Account Balance

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

**Example:**

<http://api.aisix.com/OpenPlatform/OpenApi?action=getBalance&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC>

Successful response is returned:

```
<xml name="getBalance" result="1">
  <Item cid="xxx" sid="xxx" remain="170.040"/>
</xml>
```

Failure to return the response:

```
<xml name="getBalance" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
remain	The account balance after sending

Return Status Code Description:

PARAMS	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-4	The parameter is incorrect (the content and number can not be empty, cell phone numbers are excessive, the delivery time error, etc.)
-5	Corp account not available
-6	Staff account not available
-7	Account is not open interface to send

## 九、 Modify Authentication key

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

**Example:**

<http://api.aisix.com/OpenPlatform/OpenApi?action=updateKey&ac=1001@10001&authkey=87B01469201D6557C2685137EB3B5DEC>

Successful response is returned:

```
<xml name="updateKey" result="1">
  <Item cid="xxx" sid="xxx" authkey="xxx"/>
</xml>
```

Failure to return the response:

```
<xml name="updateKey" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
authkey	The authentication keys updated

Return Status Code Description:

PARAMS	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-4	The parameter is incorrect (the content and number can not be empty, cell phone numbers are excessive, the delivery time error, etc.)
-5	Corp account not available
-6	Staff account not available
-7	Account is not open interface to send
-10	Internal error, update failed

## 十、 Getting Available Channel Group Information

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

**Example:**

http://api.aisix.com/OpenPlatform/OpenApi?action=getChannelGroup&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC

Successful response is returned:

```
<xml name="getChannelGroup" result="1">
  <Item cid="xxx" sid="xxx" cgid="x" word="xx" longword="xx" price="x"/>
</xml>
```

Failure to return the response:

```
<xml name="getChannelGroup" result="-1"/>
```

**Return Parameters:**

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
cgid	Channel Group Number
word	The number of words in a channel, such as: 70, means that the channel charges for every 70 words.
longword	The number of long letters, such as 64, means that every 64 words charged after the first 70 words of long messages
price	SMS unit price, billing for each SMS (unit: yuan)

**Return Status Code Description:**

PARAMS	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-5	Corp account not available
-6	Staff account not available
-7	Account is not open interface to send

## 十一、 Getting Available Signature Information

Interface parameters:

PARAMS	DESC
ac	SMS account (Employee Number @ Enterprise Numbers)
authkey	32 authentication key (upper case), enterprise administrators can manage to get the software or web

### Example:

http://api.aisix.com/OpenPlatform/OpenApi?action=getSign&ac=1001@100001&authkey=87B01469201D6557C2685137EB3B5DEC

Successful response is returned:

```
<xml name="getSign" result="1">
  <Item cid="xxx" sid="xxx" csid="x" sign="xx"/>
</xml>
```

Failure to return the response:

```
<xml name="getSign" result="-1"/>
```

Return Parameters:

PARAMS	DESC
cid	Enterprise number to send text messages
sid	Employee number to send text messages
csid	Signature number, 0 is the default signature, the invalid signature is sent automatically using the default signature.
sign	Signature content.

Return Status Code Description:

PARAMS	DESC
1	The operation was successful
0	Account format incorrect (the correct format is: Employee Number @ Enterprise Numbers)
-1	Rejected by the server (too fast, limit or bind IP unequal) In case of excessive speed may delay recurrence
-2	Authentication key is incorrect
-3	Authentication key is locked
-5	Corp account not available
-6	Staff account not available
-7	Account is not open interface to send