



API DOCUMENTATION

Version 4.1

Introduction

There are two API's covered in this documentation.

The first is the simple HTTP API for sending SMS messages

The second is the REST API, which allows access to many more of the system's features.

Authentication

Both the HTTP & REST API use an API key for authentication. Your accounts API key can be found on the Setting section when you have logged into the web platform.

HTTP Authentication

When using the HTTP API, the API key must be passed as a querystring variable.

`https://eziapi.com/sms?key={APIKEY}...`

REST Authentication

When using the REST API, the API key should be passed as a header in the request

Endpoint and response format

The current API endpoint is: `https://eziapi.com`

All responses are returned in JSON format.

HTTP API

Send an SMS

Request

Method	URL
GET	/sms

Parameter	Description	Type	Required
key	API key	String	Yes
recipient	International formatted MSISDN	Integer	Yes
content	Body of the message to send	String	Yes
reply	Flag if the message is a reply	Boolean	No
reply_to	ID of the message being replied to	Integer	No
mask	Alphanumeric mask (11 chars max) – if supported	String	No
premium	Use the premium route – if supported	Boolean	No

Response

Status	Reason	Response
200	OK	<pre>{ id:<integer>, recipient:<integer>, status:<string> }</pre>

REST API

Ping

Check the state of the API server.

Request

Method	URL
GET	/v3/ping

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	"PONG"

Account settings

Get a list of all groups associated with your contacts.

Request

Method	URL
GET	/v3/settings

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer> name: <string> type: <string> plan: <string> pricing: <string> balance: <float> timezone: <string> status: <string> email_alerts: <email> credit_alert_level: <integer> status_callback_url: <url> mo_callback_url: <url> mo_callback_email: <url> sms_prefix: <string> sms_suffix: <string> }</pre>

}

Update account settings

Get a list of all groups associated with your contacts.

Request

Method	URL
PUT	/v3/settings

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Account name		POST	String	No
email_alerts	Email where alerts are sent to		POST	Email	No
credit_alert_level	Level at where an alert is sent (prepaid only)		POST	Integer	No
timezone	Timezone for the account. Must be in named format. (e.g.: Pacific/Auckland)		POST	Timezone	No
sms_prefix	Attached to the start of each message		POST	String	No
sms_suffix	Attached to the end of each message		POST	String	No
status_callback_url	Webhook where SMS status updates will be forwarded to		POST	URL	No
mo_callback_url	Webhook where incoming SMS messages will be forwarded to		POST	URL	No
mo_callback_email	Email address where incoming SMS messages will be forwarded to		POST	URL	No

Response

Status	Reason	Response
--------	--------	----------

200

OK

```
{  
  id: <integer>  
  name: <string>  
  type: <string>  
  plan: <string>  
  pricing: <string>  
  balance: <float>  
  timezone: <string>  
  status: <string>  
  email_alerts: <string>  
  credit_alert_level: <integer>  
  status_callback_url: <string>  
  mo_callback_url: <string>  
  mo_callback_email: <string>  
  sms_prefix: <string>  
  sms_suffix: <string>  
}
```

The incoming message structure:

http://yourserver.com/mohandler.php?id={id of message}&from={msisdn of person who sent the message}&message={content of the incoming sms}×tamp={UNIX timestamp}&reply_to={id of MT message that the person is replying to}

View inbox

Get a list of all incoming messages to your account.

Request

Method	URL
GET	/v3/inbox

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer> timestamp: <timestamp> status: <string> mobile: <integer> contact_id: <integer> message: <string> keyword_id: <integer> parent_id: <integer> }] limit: <integer></pre>

```
offset: <integer>  
total: <integer>  
}
```

The <id> and <parent_id> of the result can be used with the /sms lookup to see more information on the SMS itself.

List all fields

Get a list of all fields associated with your contacts.

Request

Method	URL
GET	/v3/fields

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer> label: <string> safe: <string> substitute: <string> type: <string> }] limit: <integer> offset: <integer> total: <integer> }</pre>

View a specific field

Get the details of a specific field.

Request

Method	URL
GET	/v3/fields/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer> label: <string> safe: <string> substitute: <string> type: <string> }</pre>

Create a field

Create a new field for your contacts.

Request

Method	URL
POST	/v3/fields

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
label	Label of the field		POST	String	Yes
type	Data type of field. Either email, text, date, number or decimal		POST	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer> label: <string> safe: <string> substitute: <string> type: <string> }</pre>

Update a field

Change the label of a field.

Request

Method	URL
PUT	/v3/fields/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
label	Label of the field		POST	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer> label: <string> safe: <string> substitute: <string> type: <string> }

Delete a field

Delete a field from your account.

Request

Method	URL
DELETE	/v3/groups/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, deleted: <timestamp>, }

List all contacts

Show a list of all of your contacts.

Request

Method	URL
GET	/v3/contacts

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer>, added: <string>, last_updated: <string>, mobile: <string>, subscribed: <string>, first_name: <string>, last_name: <timestamp>, <field_label>: <data> ... }] }</pre>

```
limit: <integer>
```

```
offset: <integer>
```

```
total: <integer>
```

```
}
```

In the response, it will also list any other fields you have created for your contact list. Each field's label will be converted into a 'safe' format, all characters converted to lowercase, and with spaces replaced with underscores. E.g.: First name = first_name, Date of birth = date_of_birth. The format of the data will be dependent upon the data type of the field when it was created.

View a specific contact

Get the details of a specific contact.

Request

Method	URL
GET	/v3/contacts/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, added: <string>, last_updated: <string>, mobile: <string>, subscribed: <string>, first_name: <string>, last_name: <timestamp>, <field_label>: <data> ... }</pre>

In the response, it will also list any other fields you have created for your contact list. Each field's label will be converted into a 'safe' format, all characters converted to lowercase, and with spaces replaced with underscores. E.g.: First name = first_name, Date of birth = date_of_birth. The format of the data will be dependent upon the data type of the field when it was created.

Create a contact

Add a contact to your contacts list.

Request

Method	URL
POST	/v3/contacts

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
_validate	Name of the field used to check the presence of an existing contact		POST	String	No
first_name	Contact's first name		POST	String	No
last_name	Contact's last name		POST	String	No
mobile	International formatted MSISDN of the contact		POST	String	No
...					
groups	Which groups to assign contact to	NULL	POST	Array	No

When creating a contact, you can specify all of the fields in your POST request. The label of the field should be specified in the 'safe' format, with all characters converted to lowercase, and spaces replaced with underscores.

Response

Status	Reason	Response
200	OK	{ id: <integer>, added: <string>, last_updated: <string>, mobile: <string>, subscribed: <string>, }

```
first_name: <string>,  
last_name: <timestamp>,  
<field_label>: <data>  
...  
}
```

Update a contact

Change a contacts details.

Request

Method	URL
PUT	/v3/contacts/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
first_name	Contact's first name		POST	String	No
last_name	Contact's last name		POST	String	No
mobile	International formatted MSISDN of the contact		POST	String	No
...					

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, added: <string>, last_updated: <string>, mobile: <string>, subscribed: <timestamp>, first_name: <string>, last_name: <timestamp>, <field_label>: <data> ... }</pre>

Delete a contact

Delete a contact from your account.

Request

Method	URL
DELETE	/v3/contacts/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, deleted: <timestamp>, }

List all groups

Get a list of all groups associated with your contacts.

Request

Method	URL
GET	/v3/groups

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer>, name: <string>, created: <timestamp>, updated: <timestamp>, members: <integer> }] limit: <integer> offset: <integer> total: <integer> }</pre>

View a specific group

Get the details of a specific group.

Request

Method	URL
GET	/v3/groups/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, name: <string>, created: <timestamp>, updated: <timestamp>, members: <integer> }</pre>

Create a group

Get a list of all groups associated with your contacts.

Request

Method	URL
POST	/v3/groups

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the group		POST	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, name: <string>, created: <timestamp>, updated: <timestamp>, members: <integer> }</pre>

Update a group

Change the name of a group.

Request

Method	URL
PUT	/v3/groups/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the group		POST	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, name: <string>, created: <timestamp>, updated: <timestamp>, members: <integer> }</pre>

Delete a group

Delete a group from your account.

Request

Method	URL
DELETE	/v3/groups/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, deleted: <timestamp>, }

List all messages

Get a list of all messages associated with your account.

Request

Method	URL
GET	/v3/messages

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer> name: <string> type: <string> content: <string> limit: <integer> start: <timestamp> groups: <array> excludes: <array> include_me: <boolean> unique_recipients: <boolean> trigger: <string> }] }</pre>

```
        interval: <string>
        annual: <boolean>
        status: <string>
        created: <integer>
        updated: <integer>
    }
]
limit: <integer>
offset: <integer>
total: <integer>
}
```

View a specific message

Get the details of a specific message.

Request

Method	URL
GET	/v3/messages/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer> name: <string> type: <string> content: <string> limit: <integer> start: <timestamp> groups: <array> excludes: <array> include_me: <boolean> unique_recipients: <boolean> trigger: <string> interval: <string> annual: <boolean> status: <string> created: <integer> updated: <integer></pre>

}

Create a standard message

Create a standard type message.

Request

Method	URL
POST	/v3/messages

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the message		POST	String	Yes
type	Type of campaign. Should be set to 'standard'		POST	String	Yes
template_id	ID of the template to use. Must be set if no content is supplied.		POST	Integer	Yes/No
content	Message content. Must be set if no template_id is supplied.		POST	String	Yes/No
start	UNIX timestamp of when the message is set to send. To send immediately set this to 'immediate'.		POST	Timestamp	Yes
groups	Array of groups that this message is going to.		POST	Array	No
excludes	Array of message ID's which the recipients of will be excluded from this message		POST	Array	No
limit	Number of recipients to limit the send to		POST	Integer	No

Response

Status	Reason	Response
--------	--------	----------

200

OK

```
{  
  id: <integer>  
  name: <string>  
  type: <string>  
  content: <string>  
  limit: <integer>  
  start: <timestamp>  
  groups: <array>  
  excludes: <array>  
  include_me: <boolean>  
  unique_recipients: <boolean>  
  trigger: <string>  
  interval: <string>  
  annual: <boolean>  
  status: <string>  
  created: <integer>  
  updated: <integer>  
}
```

Create a reminder message

Create a reminder type message.

Request

Method	URL
POST	/v3/message

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the message		POST	String	Yes
type	Type of campaign. Should be set to 'standard'		POST	String	Yes
template_id	ID of the template to use. Must be set if no content is supplied.		POST	Integer	Yes/No
content	Message content. Must be set if no template_id is supplied.		POST	String	Yes/No
start	UNIX timestamp of when the message is set to send. To send immediately set this to 'immediate'.		POST	Timestamp	Yes
groups	Array of groups that this message is going to.		POST	Array	No
trigger	Label of the field used to select matching recipients. Use the 'safe' version of the field name.		POST	String	Yes
direction	Direction of the offset for the delivery time. Must be either + or -		POST	+/-	Yes
delay	Units for the delay period		POST	Integer	Yes
period	The delay unit. Either day, week, month, or year.		POST	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer> name: <string> type: <string> content: <string> limit: <integer> start: <timestamp> groups: <array> excludes: <array> include_me: <boolean> unique_recipients: <boolean> trigger: <string> interval: <string> annual: <boolean> status: <string> created: <integer> updated: <integer> }

Cancel a message

Cancel a message. Messages can only be cancelled when they are in a 'ready' status.

Request

Method	URL
DELETE	/v3/messages/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, cancelled: <timestamp>, }

List all SMS messages

Get a list of all groups associated with your contacts.

Request

Method	URL
GET	/v3/sms

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer> direction: <string> msisdn: <integer> units: <integer> encoding: <string> timestamp: <timestamp> last_updated: <timestamp> status: <string> message_id: <integer> keyword_id: <integer> contact_id: <integer> }] }</pre>

```
        parent_id: <integer>
      }
    ]
    limit: <integer>
    offset: <integer>
    total: <integer>
  }
```

View a specific SMS

Get the details of a specific group.

Request

Method	URL
GET	/v3/sms/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer> direction: <string> msisdn: <integer> units: <integer> encoding: <string> timestamp: <timestamp> last_updated: <timestamp> status: <string> message_id: <integer> keyword_id: <integer> contact_id: <integer> parent_id: <integer> }</pre>

Send an SMS

Get a list of all groups associated with your contacts.

Request

Method	URL
POST	/v3/sms

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
recipient	International formatted MSISDN of the recipient. Required if contact_id is not specified.		POST	Integer	Yes/No
contact_id	ID of the contact to send a message to. Required if recipient is not specified.		POST	Integer	Yes/No
template_id	ID of the template to use. Must be set if no content is supplied.		POST	Integer	Yes/No
content	Message content. Must be set if no template_id is supplied.		POST	String	Yes/No
reply	Flag for if the message is a reply. Set to either TRUE or FALSE.	FALSE	POST	Boolean	No
reply_to	ID of the SMS this is a reply to. Required if reply is set to TRUE.		POST	Integer	No
mask	Alphanumeric mask (11 chars max) – if supported		POST	String	No
premium	Use the premium route – if supported	FALSE	POST	Boolean	No
callback	Receive DLR's		POST	String	No

Response

Status	Reason	Response
200	OK	{

```
id: <integer>
direction: <string>
msisdn: <integer>
units: <integer>
encoding: <string>
timestamp: <timestamp>
last_updated: <timestamp>
status: <string>
message_id: <integer>
keyword_id: <integer>
contact_id: <integer>
parent_id: <integer>
}
```

The DLR is submitted as a GET request to your URL with the following variables in the querystring
id = the id of the message
status = the status of the message (possible values are: queued, sent, delivered, bounced, failed, insufficient_credit)
timestamp = UNIX timestamp of when status received

The Status's are:

Status

queued
sent
delivered
bounced
failed
insufficient_credit

Explanation

Queued at SMSSol for delivery to the Telcos Not yet sent to the customer's phone
Sent to the Telco
Telco reported successful delivery -Successfully delivered to the customer's phone
Telco reported inability to deliver to handset - e.g. phone may be turned off
Telco rejected the delivery attempt - e.g. the number is not valid or is an inactive number
We have not sent the message because your account does not have enough SMS credits

List all templates

Get a list of all templates associated with your account.

Request

Method	URL
GET	/v3/templates

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer>, name: <string>, content: <string> }] limit: <integer> offset: <integer> total: <integer> }</pre>

View a specific template

Get the details of a specific template.

Request

Method	URL
GET	/v3/groups/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, name: <string>, content: <string> }

Create a template

Get a list of all groups associated with your contacts.

Request

Method	URL
POST	/v3/groups

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the template		POST	String	Yes
content	Content of the template		POST	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, name: <string>, content: <string> }</pre>

Update a template

Change the details of a template.

Request

Method	URL
PUT	/v3/templates/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
name	Name of the group		POST	String	No
content	Content of the template		POST	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, name: <string>, content: <string> }

Delete a template

Delete a template from your account.

Request

Method	URL
DELETE	/v3/templates/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, deleted: <timestamp>, }

List all keywords

Get a list of all active keywords associated with your account.

Request

Method	URL
GET	/v3/keywords

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
offset	Starting row for results	0	URL	Integer	No
limit	Number of records to show per page	20	URL	Integer	No

Response

Status	Reason	Response
200	OK	<pre>{ results: [{ id: <integer>, word: <string>, started: <timestamp>, expires: <timestamp>, hits: <integer> }] limit: <integer> offset: <integer> total: <integer> }</pre>

View a specific keyword

Get the details of a specific keyword.

Request

Method	URL
GET	/v3/keywords/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, word: <string>, started: <timestamp>, expires: <timestamp>, hits: <integer> }

Update a keyword

Extend the lease of a keyword.

Request

Method	URL
PUT	/v3/keywords/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes
expires	New expiry date of keyword. Should be at least 1 day after current expiry date.		POST	String	Yes

Response

Status	Reason	Response
200	OK	<pre>{ id: <integer>, word: <string>, started: <timestamp>, expires: <timestamp>, hits: <integer> }</pre>

Cancel a keyword

Cancel an active keyword.

Request

Method	URL
DELETE	/v3/keywords/<id>

Parameter	Description	Default	Type	Values	Required
key	API key		HEAD	String	Yes

Response

Status	Reason	Response
200	OK	{ id: <integer>, expired: <timestamp>, }