

GoSign

# GoSign public APIs

Version V5r0

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## 1 APIs description

The APIs are protected by OAuth2 protocol so to get access to the exposed resources the client need to acquire a valid AccessToken by calling the `Get access token` endpoint.

When an invalid access token is supplied, GoSign respond with:

```
{
  "error": "invalid_token",
  "error_description": "Invalid access token: e2c32a3e-2c43-4708-80a2-3fb282a3990"
}
```

In order to simplify the use, these services meet OpenAPI specifications and are accompanied by YAML file attached `GoSignOAuthAPI_V2.yaml`.

### 1.1 Get access token

Through this call, a GoSign user is able to retrieve an OAuth2 AccessToken that allows to invoke all the REST calls described in this section.

<b>METHOD</b>	POST
<b>URL</b>	<GoSign base URL>/oauth/token
<b>HEADERS</b>	Accept=application/json
<b>BODY</b>	grant_type=client_credentials client_id=xxxxxxxxxx client_secret=xxxxxxxxxx scope=openid

The **request**, as specified by OAuth2 standard, must include the following parameters:

INPUT PARAMETRS	TYPE	DESCRIPTION
grant_type	mandatory	Must be set to "client_credentials"
client_id	mandatory	ID that identifies the OAuth2 client (provided by InfoCert)
client_secret	mandatory	Secret key for the client_id (provided by InfoCert)
scope	mandatory	Must be set to "openid"

### 1.2 GetEnvelope

Through this call, it is possible to retrieve, if present, an envelope identified by the value of the ExternalID. The request requires that the ExternalID of the dossier to be collected is passed as the parameter of the URL. There are two versions of the same request: one that provides only the basic information and the other that also provides the bytes of the documents. To invoke the version with documents just add, after the value of the ExternalID, the path `/withDocuments`

Below are two examples of calling `getEnvelope`, respectively, with and without documents.

#### GetEnvelope *withDocuments*

<b>METHOD</b>	GET
---------------	-----

URL	<GoSign base URL>/envelopes/<externalID>/withDocuments
HEADERS	Authorization=Bearer <access token> Accept=application/json

Below is an example of *GetEnvelope* response with document bytes:

<pre>{   "type": "TYPE_STANDARD",   "useType": "CORPORATE",   "externalId": "TEST08092020",   "subject": "subject of envelope",   "sysGenerator": "EMA",   "sendingMode": "IMMEDIATE",   "trustLevel": "INTERNAL_PDF",   "starred": true,   "documents": [     {       "externalId": "document ID",       "title": "Title of document",       "mimeType": "application/pdf",       "originalFname": "Name_Document.pdf",       "bytes": "JVBERi0xLjQK...2NQo1JUVPRgo="     }   ],   "commonMessages": {     "text": "insert TEXT viewable at Front End as a message"   } }</pre>
--

#### GetEnvelope “simple”

METHOD	GET
URL	<GoSign base URL>/envelopes/<externalID>
HEADERS	Authorization=Bearer <access token> Accept=application/json

Below is an example of *GetEnvelope* response *without* document bytes:

<pre>{   "type": "TYPE_STANDARD",   "useType": "CORPORATE",   "externalId": "TEST08092020",   "subject": "subject of envelope",   "sysGenerator": "EMA",   "sendingMode": "IMMEDIATE",   "trustLevel": "INTERNAL_PDF", }</pre>
--

```

"starred": true,
"documents": [
  {
    "externalId": "document ID",
    "title": "Title of document",
    "mimeType": "application/pdf",
    "originalFname": "Name_Document.pdf"
  }
],
"commonMessages": {
  "text": "insert TEXT viewable at Front End as a message"
}
}

```

### 1.3 DeleteEnvelope

This endpoint allows to delete, if present, the envelope indicated in the URL and identified by its ExternalID. Notification emails are also sent to users (if enabled).

Returns the outcome of the transaction.

<b>METHOD</b>	POST
<b>URL</b>	<GoSign base URL>/envelopes/TEST08092020/delete
<b>HEADERS</b>	Authorization=Bearer <access token> Accept=application/json

Below are examples of *DeleteEnvelope* responses:

#### OK

```

{
  "code": "OK",
  "message": "Successfull"
}

```

#### KO

```

{
  "code": "ENVELOPE_NOT_FOUND",
  "message": "The id requested does not exist or access is denied ..."
}

```

### 1.4 GetEnvelopeStatus

Given the external ID, the following service is used to recover the status of a specific envelope.

<b>METHOD</b>	GET
<b>URL</b>	<GoSign base URL>/envelopes/TEST08092020/status
<b>HEADERS</b>	Authorization=Bearer <access token> Accept=application/json

Below is an example of a successful *GetEnvelopeStatus* **Response**:

"IN_PROGRESS"
---------------

The possible statuses returned by the service are:

- *DRAFT*
- *IN\_PROGRESS*
- *TO\_CONFIRM*
- *WORKED*
- *TO\_REJECT*
- *REJECTED*
- *EXPIRED*
- *STORED*
- *CANCELLED*