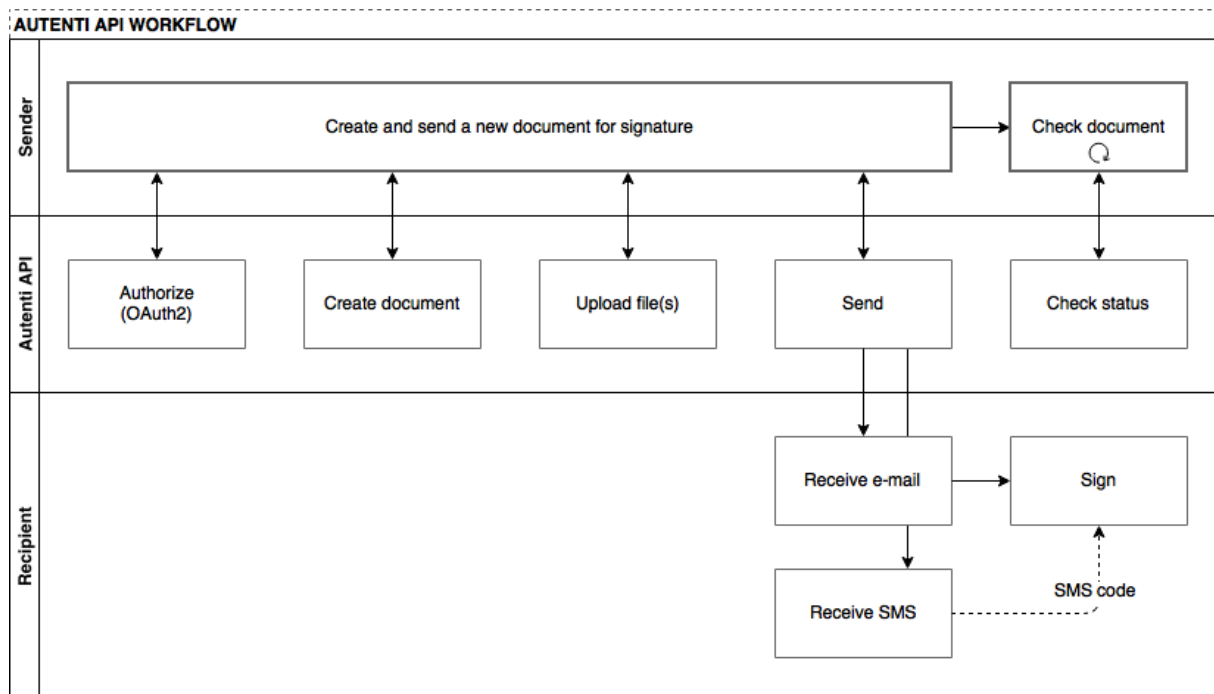


This document describes how to use Autenti API to send a document and check its status:

1. **Authorize** (in: clientId and clientSecret – parameters from company account settings (API tab); out: access_token and identity_id).
2. **Create new document** (in: access_token and identity_id from previous step + document description, receivers and viewers; out: documentId).
3. **Upload file to the document** (in: access_token, identity_id and documentId from previous step + binary PDF file).
4. **Send the document and SMS** (in: access_token, identity_id and documentId).
5. **Check document status and download** (in: access_token, identityId, documentId; out: document status and URL).



Before you start coding:

- Login to app.autenti.com using your company account (administrative privileges required), go to “Account settings” → “API” and click “Generate API access”.
- Copy **client id** and **secret**.
- Select a person that represents the company. That person will be shown as the person signing the document on behalf of the company. That persons’ e-mail must be used in both methods (/oauth/token – **email** and /documents/add/ – **sender_email**).

API URL	https://app.autenti.eu
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1. Authorize (OAuth2 – token based)

The screenshot shows the Autenti user interface. At the top, there is a navigation bar with the Autenti logo, a notification 'Konto wygaśnie za 3 dni', and a 'Opłać teraz' button. Below this is a secondary navigation bar with buttons for 'Utwórz nowy dokument', 'Robocze', 'Do decyzji', and 'Zakończono'. The main content area displays the company profile for 'Autenti sp. z o.o.' and the 'Ustawienia dostępu do API' section. In this section, the 'Identyfikator (API: clientId)' is set to '60715' and the 'Hasło (API: clientSecret)' is '7ZVQoZkWDcp9EIEtFk'. There are also options to 'Wygeneruj dostęp do API', 'Edytuj' settings for automatic API actions, and a list of authorized accounts.

URI	/oauth/token
method	POST
headers	Content-Type: application/x-www-form-urlencoded User-Agent: any
payload	client_id= {clientId} &client_secret= {clientSecret} &grant_type=company_key&email=user@company.com
response	200 OK { access_token : '3f2c097c-xxxx-4b58-9c7c-ab399c5d8254', token_type : 'bearer', refresh_token : '42e3244f-xxxx-44c1-8593-74140cbca0a8', expires_in : '43199', identity_id : 'xxx'

	} }
example	curl -X POST -H "Content-Type: application/x-www-form-urlencoded" -d 'client_id={clientId}&client_secret={clientSecret}&grant_type=company_key&email=user@company.com' https://app.autenti.eu/oauth/token
note	<p>This method returns access_token and identity_id which are used in next steps.</p> <p>email – (optional) if there is more than one email allowed in account settings for using API than it must be provided which one will be used for the authentication (it affects returned identity_id), email address should be urlescaped (e.g. "+" character)</p> <p>All parameters should be sent as POST data (payload), not GET.</p>

2. Create new document

URI	/api/identities/{identityId}/documents/add
method	POST
headers	Authorization: Bearer {access_token} Content-Type: application/json; charset=UTF-8
payload	<pre>{ 'title' : 'Document title', 'message' : 'Test message', 'status' : 'NEW', 'sender_email' : 'sender@xyz.com', 'receivers' : [{ 'email' : 'john@receiver.com', 'phone_number' : '600400300', 'user_first_name' : 'John', 'user_last_name' : 'Doe', 'company_name' : "", 'company_nip' : "", 'company_country' : 'PL', 'with_company' : false }] }</pre>

	<pre>], 'viewers' : [{ 'email' : 'jenny@receiver.com' }] } </pre>
response	<p>200 OK</p> <pre> { 'id' : '123' //this is documentId } </pre>
note	<p>This method creates a new document and returns its id. Files are attached in next step.</p> <p>Attributes:</p> <p>sender_email – it must match with email used in /oauth/token method or if there is only one email allowed in account settings for using API it must match with that email</p> <p>receivers – array of one or more signatories</p> <p>viewers – array of one or more observers</p> <p>phone_number – 9 digits (only polish mobile numbers), necessary with requireSmsCode=true in /start method</p> <p>company_name* and company_nip** – necessary with option with_company set to true</p> <p>company_country – 2 letter country code (e.g. PL)</p> <p><i>* if with_company=true and company_name is null and company_nip is provided, then application will try to search Autenti database for the company name</i></p> <p><i>** if company_country is null or is set to "PL" than company_nip must be valid polish NIP, for other countries NIP is not validated</i></p>
errors	<pre> { "errors" : [{ "recipient": "from+user1@autenti.com", "type": "WRONG_NIP", "value": "1234123412" }, { "recipient": "from+fake_company_user_autenti.com", "type": "WRONG_EMAIL", "value": "from+fake_company_user_autenti.com" }] } </pre>

	<pre> }, { "recipient": "from+user2@autenti.com", "type": "EMPTY_COMPANY_NAME", "value": "" }, { "recipient": "from+user3@autenti.com", "type": "EMPTY_COMPANY_NIP", "value": "" }, { "recipient": "from+user3@autenti.com", "type": "INVALID_COMPANY_COUNTRY_CODE", "value": "EN" }], "exception": "InvalidDocumentRecipientException", "error": null }</pre>
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3. Upload file to the document

URI	/api/identities/{identityId}/documents/{documentId}/upload-file
method	POST
headers	Authorization: Bearer {access_token} Content-Type: multipart/form-data; boundary=BOUNDARY Content-Length: {PDF_DATA_LENGTH}
payload	--BOUNDARY Content-Disposition: form-data; name=Filename; filename="Filename.pdf" Content-Type: application/pdf PDF_BINARY_DATA..... --BOUNDARY--
response	200 OK
example	var headers = { 'Authorization' : 'Bearer ' + access_token

	<pre> }; var boundary = 'MYBOUNDARY'; var requestBody = Utilities.newBlob('--' + boundary + "\r\n" + 'Content-Disposition: form-data; name=Filename; filename="Filename.pdf"' + "\r\n" + 'Content-Type: application/pdf' + "\r\n\r\n").getBytes(); requestBody = requestBody.concat(PDF_DATA); requestBody = requestBody.concat(Utilities.newBlob("\r\n" + boundary + "--\r\n").getBytes()); var options = { 'method' : 'POST', 'contentType' : 'multipart/form-data; boundary=' + boundary, 'headers' : headers, 'payload' : requestBody, 'ContentLength' : PDF_DATA_LENGTH }; UrlFetchApp.fetch(url + '/api/identities/' + identity_id + '/documents/' + document_id + '/upload-file', options); </pre>
note	<p>Max. file size: 10MB PDF_DATA - binary content of the PDF file PDF_DATA_LENGTH - size of the PDF file Please don't send "Expect" header (or set it empty).</p>

4. Send the document (and optionally SMS)

URI	<p>/api/identities/{identityId}/documents/{documentId}/start-permanent - deprecated</p> <p>/api/identities/{identityId}/documents/{documentId}/start</p>
method	POST
headers	<p>Authorization: Bearer {access_token} Content-Type: application/json; charset=UTF-8</p>
payload	<pre> { 'senderAutosign' : false, 'requireSmsCode' : false, 'redirectUrl' : 'https://xxx' } </pre>
response	200 OK
note	It sends URL to the document by email to receivers and viewers.

	<p>senderAutosign – (optional) if set <i>true</i> than the document will be automatically signed by the identity with <code>sender_email = email</code> (it requires providing email in <code>/oauth/token</code> and the same sender_email in <code>/documents/add</code>) – <u>using this option requires Autenti permit and additional formal declarations to Autenti from the client</u></p> <p>requireSmsCode – (optional) if set <i>true</i> receivers get also SMS with PIN code necessary to sign the document and phone_number is required in <code>/documents/add</code> method</p> <p>redirectUrl – (optional) redirects user after signature to provided URL (it should be urlescaped), the URL may contain the following variables: <code>\$firstName\$, \$lastName\$, \$email\$, \$phone\$, \$documentId\$</code></p> <p>redirectLastSignerOnly – (optional, default <i>true</i>), if set <i>false</i> redirects all signing users, not only the last one</p>
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5. Check document status and get download URL

a) Check one document

URI	<code>/api/identities/{identityId}/documents/{documentId}</code>
method	GET
headers	Authorization: Bearer {access_token} Content-Type: application/json; charset=UTF-8
payload	-
response	<p>200 OK</p> <pre>{ "status": "ACCEPTED", "files": [{ extension=pdf, filename=xxx, file_type=DOCUMENT_SIGNED, id=xxx, href=https://app.autenti.eu/api/download/XXX, hash=XXX }], "sender_identities": [], "receivers": [] }</pre>

note	<p>Statuses: NEW, PROCESSING, CANCELED, REJECTED, TERMINATED, <u>ACCEPTED</u>.</p> <p>File types: DOCUMENT_PART (source files), DOCUMENT_MERGED_SOURCES, DOCUMENT_CERTIFICATE, <u>DOCUMENT_SIGNED</u> (this one if the final signed document).</p> <p>Only when the status is ACCEPTED, this method returns also URL to signed document (file_type: DOCUMENT_SIGNED).</p> <p>To download the document, it is also necessary to include in a header valid access token: "Authorization: Bearer {access_token}".</p>
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b) Check multiple documents (maximum 100!)

URI	/api/identities/{identityId}/documents?documentIds={documentId1,documentId2,documentIdX...}
method	GET
headers	Authorization: Bearer {access_token} Content-Type: application/json; charset=UTF-8
payload	-
response	<p>200 OK</p> <pre>{ "count":4, "list":[{ "id":2001, "title":"Document one", "message":null, "status":"ACCEPTED", "files":[{ "id":3001, "filename":"2016-11-10-Some-document.pdf", "hash":"xxxxxx-xxx-xxx-xxx-xxx", "extension":"pdf", "href":"https://app.autenti.eu/api/download/xxxxxxxxxxxxx", "mime_type":"application/pdf",</pre>

	<pre> "file_type":"DOCUMENT_SIGNED" }, ...], "person":{ "name":"John", "surname":"Doe" }, "created_date":"2016-11-10T22:28:32.357+0100", "sender_identities":[...], "sender_email":"john@doe.com", "viewers":[{ ... }], "receivers":[{ ... }] }, { ... } // subsequent documents] } </pre>
note	The method is like the single document version (a) but returns a list.
example	<pre> curl -X GET -H "Content-Type: application/x-www-form-urlencoded" -H "Authorization: Bearer xxxxxx-xxx-xxx-xxx-xxx" https://app.autenti.eu/api/identities/{identityId}/documents?documentIds= 2001,2002,2003,2004 </pre>

6. Send a reminder

URI	<code>/api/identities/{identityId}/documents/{documentId}/remind</code>
method	POST
headers	Authorization: Bearer <code>{access_token}</code>
payload	<code>email=john+test@receiver.com</code>
response	200 OK
example	<pre> curl -X POST -H "Authorization: Bearer 6e7871f7-xxxx-481e-84ec- 894d19bb7871" </pre>

	https://app.autenti.eu/api/identities/33/documents/250/remind?email=john%2btest@receiver.com
Note	email – must be urlescaped

7. Withdraw a document

URI	/api/identities/{identityId}/documents/{documentId}/cancel
method	POST
headers	Authorization: Bearer {access_token}
response	200 OK <pre>{ "response" : "Document id: " + id + " cancelled." }</pre>
note	The method is available only for the sender of a document and only for documents in PROCESSING state (it is <u>not available</u> for ACCEPTED).

8. Push notifications

The screenshot shows the Autenti user interface for 'Autenti sp. z o.o.'. The left sidebar contains a menu with items: 'Informacje o firmie', 'Użytkownicy' (10), 'Grupy', 'Obiegi dokumentów', 'Trwające obiegi dokumentów', 'Pakiety i płatności', and 'API'. The main content area is titled 'Firma Autenti sp. z o.o.' and includes options to 'Edytuj dane firmy' and 'Usuń firmę'. The 'API' settings section includes:

- 'Ustawienia dostępu do API' with fields for 'Identyfikator (API: clientId)' and 'Hasło (API: clientSecret)', and a 'Wygeneruj dostęp do API' button.
- 'Automatyczne podpisywanie umów nadanych przez API' with an 'Edytuj' button.
- 'Uprawnione konta' with an input field.
- 'Automatyczne dołączanie plików do nadawanych dokumentów przez API' with an 'Edytuj' button.
- 'Notyfikacje push o zakończonych dokumentach' with a 'Zapisz Anuluj' button and a 'URL' field containing 'http://mydomain.com/notification?json='.

method	POST
body	<pre>{ "status" : "ACCEPTED", "files" : [{ extension=pdf, filename=xxx, file_type=DOCUMENT_SIGNED, id=xxx, href=https://app.autenti.eu/api/download/XXX, hash=XXX }], "sender_identities": [], "receivers": [] }</pre>
note	<p>JSON notification is sent in request body, its format is identical like in the method for checking document status.</p> <p>If there is “?json=” parameter in notification URL, JSON data will be additionally provided in request params of URL (urlencoded).</p>

Remarks

- If you receive “**401 Unauthorized**” response it means that the token has expired and you must authorize again and retry the request with a new **access_token**
- If you execute many requests please authorize only once per email/identity until a token will expire
- There may be errors if you will operate on the same document simultaneously in many sessions

Known bugs

- In 0,01% of requests there is an **empty “200 OK” response** - please check the size of the response to the client and retry the request if you receive 0b response