

EDI API – Documents

Swagger Documentation

LBMX provides an API (a set of end points) which allows suppliers to send and retrieve documents. Swagger documentation is automatically generated by the LBMX API, resulting in the most current version of documentation available on one platform at all times.

[EDI API - Documents Swagger Documentation](#)

[LBMX Security – Document Swagger Documentation](#)

Authentication

To use the EDI Documents API, an API Key is required. If you don't have an API Key, please contact your account admin contact or support@lbm.com.

1. The user owner of the API Key must be set up to access all features of the EDI Documents API. Contact your account admin to adjust the permissions, if required
2. Use the **POST /Auth/authenticate/api-key** endpoint to receive a token
3. Provide the API Key in the request body

```
{  
  "apiKey": "YOUR_API_KEY"  
}
```

4. The response will contain three pieces of important information
 - a. Code 200 - Success
 - i. Code 401 - Error: Unauthorized (wrong API Key)
 - b. Authentication token
 - c. Expiry Time - 3600 Seconds (60 Minutes)
5. Once the authentication token is received, it can be passed in as an http header as 'Authentication: Bearer {TOKEN}'

Access is also controlled by an EDI API permission. If the token is valid but the caller lacks permission, the API returns HTTP 403 (Forbidden).

Endpoints

Get Documents - GET /v1/Documents/{DocumentType}

Returns outbound EDI documents currently available for download for the given document type.

Request Content

- Send the DocumentType in the url (eg. /v1/Documents/810)

Response Content

- Content-Type: application/json
- Body contains a list of documents, each containing:
 - Filename
 - Base64 (file encoded as Base64)

```
{
  "documents": [
    {
      "filename": "string",
      "base64": "string"
    }
  ],
  "errorCode": 1,
  "errorMessage": "string"
}
```

HTTP Status Responses

HTTP 200: Documents returned successfully (may be an empty list).

HTTP 400: Not allowed to receive this document type (for this trading partner).

HTTP 401: Unauthorized (missing/invalid JWT).

HTTP 403: Forbidden (token valid but missing EDI API permission).

HTTP 500: Server error while reading documents (e.g., directory not found or internal error).

Description

This endpoint is part of a **two-step document download workflow**, this endpoint is the first step of the workflow.

Document download workflow:

1. Download available documents for a document type using **GET /v1/Documents/{documentType}**

2. After successful processing, confirm the downloaded filenames using **POST**
v1/Documents/{documentType}/Confirm

Once confirmed, those files are archived and are no longer returned by the download endpoint.

Important: If you download files but do not confirm them, they may continue to appear in subsequent GET /v1/Documents/{DocumentType} requests.

Confirm Download – POST /v1/Documents/{DocumentType}/Confirm

Confirms that specific files were successfully downloaded/processed by the client and moves them to an archive location, so they are no longer returned by the download endpoint.

Request Content

- Content-Type: application/json
- Body contains a list of filenames previously returned by the GET endpoint.
- Only filenames are needed.

Example body:

```
{
  "files": [
    "filename_01",
    "filename_02"
  ]
}
```

Response Content

If successful, is expected a generic response only containing a single property (ErrorCode = 0).

HTTP Status Responses

HTTP 200: Confirmation processed successfully.

HTTP 400: No filenames were provided or not allowed to receive this document type.

HTTP 401: Unauthorized (missing/invalid JWT).

HTTP 403: Forbidden (token valid but missing EDI API permission).

HTTP 500: Server error while confirming/archiving documents.

Description

- Always confirm only after you have safely stored/processed the file(s).
- Confirming removes the files from the “available” set, so they cannot be re-downloaded through the listing endpoint after archiving.

Send Documents – POST /v1/Documents/{DocumentType}

Uploads inbound EDI documents for processing for the given document type.

Request Content

- Content-Type: multipart/form-data
- Form field name: files
- One or more files can be included in a single request.

File Restrictions

- .zip and .exe files are rejected.
- Document type “997” is NOT supported on this endpoint (returns 405). Use the acknowledgment endpoint instead.

Response Content

If successful, is expected a generic response only containing a single property (ErrorCode = 0).

HTTP Status Responses

HTTP 200: Documents uploaded successfully.

HTTP 400: No files provided, blocked file extension (.zip, .exe), or not allowed to send this document type.

HTTP 401: Unauthorized (missing/invalid JWT).

HTTP 403: Forbidden (token valid but missing EDI API permission).

HTTP 405: Document type 997 is not supported by this endpoint.

HTTP 500: Server error while saving documents (e.g., directory not found or internal error).

Description

- Use one request for one or multiple files.

Send 997 – POST /v1/Documents/Ack/{DocumentType}

Uploads acknowledgment documents for a given document type.

Request Content

- Content-Type: multipart/form-data
- Form field name: files
- One or more files can be included in a single request.

File Restrictions

- .zip and .exe files are rejected.
- Document type “997” is NOT supported on this endpoint (returns 405). Use the acknowledgment endpoint instead.

Response Content

If successful, is expected a generic response only containing a single property (ErrorCode = 0).

HTTP Status Responses

HTTP 200: Documents uploaded successfully.

HTTP 400: No files provided, blocked file extension (.zip, .exe), or not allowed to send this document type.

HTTP 401: Unauthorized (missing/invalid JWT).

HTTP 403: Forbidden (token valid but missing EDI API permission).

HTTP 405: Document type 997 is not supported by this endpoint.

HTTP 500: Server error while saving documents (e.g., directory not found or internal error).

Description

- The {documentType} route parameter represents the document type being acknowledged (e.g., 810 or 850).