
CRIPTAN Fiat Gateway API Documentation

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CHAPTER 1

API Overview

This document describes CRIPTAN's internal API for fiat payments available for CRIPTAN's partners.

Note: The base URL for all browser requests is <https://fg.criptan.es/>

The base URL for all API requests is <https://fg-api.criptan.es/>

The base URLs for the **sandbox** environments have the suffix *sandbox* as follows: *fg-sandbox.criptan.es* and *fg-api-sandbox.criptan.es*

All requests to the API must include a request header named **authorization** containing a valid API authorization token. A **content-type** request header must also be set, with value **application/json**.

All responses from the API include a common set of fields indicating the status and success of the request. Examples:

Listing 1: API Response

```
{
  "success": false,
  "timestamp": 1587468224,
  "errorMessage": "Resource could not be found"
}
```


2.1 Create Transfer

There are two ways to create a new transfer: via API call or by visiting a specific URL with a web browser directly.

API call supports sending CRIPTAN the KYC data if required.

Web browser redirection

Listing 1: HTTP request

```
https://fg.criptan.es/  
  
POST  
{  
  "currency": "EUR",  
  "amount": 100,  
  "receiverAccount": "sales@company.com",  
  "senderAccount": "user@personal.com",  
  "externalOrderId": "fdbe66e4-c3e1-4c38-8a4b-5fb95c7411ca",  
  "callbackUrlSuccess": "https://company.com/success",  
  "callbackUrlError": "https://company.com/error"  
}
```

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Transfer overview

Receiver
Receiver *
CompanyName Inc

Sender
First name *
John
Last name *
Doe

Amount *
1,000
Currency *
EUR

Order ID *
fdbe66e4-c3e1-4c38-8a4b-5fb95c7411ca





Remember this sender for future payment details

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Payment method

Name on card *

John Doe

Card number *

6395 3677 9155 0737

Expiry date *

09/22

CVV *

123

Last three digits on signature strip

Remember credit card details for next time

BACK

API

Listing 2: API request

```
curl -X POST https://fg-api.criptan.es/v1/transfer \
-H 'authorization: Bearer eac33631-e416-43f9-b8ad-cff3cc0ab16b' \
-H 'content-type: application/json' \
{
  "currency": "EUR",
  "amount": 100,
  "receiverAccount": "sales@company.com",
  "senderAccount": "user@personal.com",
  "externalOrderId": "fdbe66e4-c3e1-4c38-8a4b-5fb95c7411ca",
  "callbackUrlSuccess": "https://company.com/success",
  "callbackUrlError": "https://company.com/error",
  "receiverKycData": {
    "firstName": "John"
    "lastName": "Doe"
    "documents": [
      {
        type: "identity-document",
```

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```

        format: "png"
        data: "...",
      },
      {
        type: "residence-proof",
        format: "pdf"
        data: "...",
      },
    ]
  }
}

```

Parameters available through API and Web

- **currency** - The currency in which the transfer is made.
- **amount** - The transfer's amount of currency units.
- **receiverAccount** - Account ID/email address of the transfer recipient.
- **senderAccount** - Account ID/email address of the transfer sender.
- **externalOrderId** - An arbitrary ID used to
- **callbackUrlSuccess** - (*Optional*) URL to which the user will be redirected in case of payment has been received successfully.
- **callbackUrlError** - (*Optional*) URL to which the user will be redirected in case of payment could not be received successfully.

Note: Use *externalOrderId* to link the payment to your system.

Parameters available through API

- **firstName** - Sender's first name
- **lastName** - Sender's last name
- **type** - Type of document. Values: *identity-document*, **residence-proof*.
- **format** - Document format. Supported formats are: *png*, *jpg*, *pdf*.
- **data** - Document contents in Base64 encoding.

Listing 3: API Response

```

{
  "success": true,
  "timestamp": 1587468224,
  "data": {
    "id": "271d2c17b7e0",
    "url": "https://fg.criptan.es/271d2c17b7e0",
    "status": "CREATED",
    "createdAt": 1587468224,
    "receiverKycData": "PROCESSING"
  }
}

```

- **success** - Whether or not the request was processed successfully.

- **timestamp** - Unix time in seconds at which the request was processed.
- **id** - The id of the transfer that was just created.
- **url** - URL to which the transfer UI can be accessed.
- **status** - Status of the transfer: *CREATED*, *PENDING*, *CONFIRMED*.
- **createdAt** - Unix time in seconds at which the transfer was created.
- **receiverKycData** - Status of the KYC verification process: *PROCESSING*, *VALID*, *INVALID*.

2.2 List Transfers

API

Listing 4: API request

```
curl -X GET https://fg-api.criptan.es/v1/transfer \
-H 'authorization: Bearer eac33631-e416-43f9-b8ad-cff3cc0ab16b' \
-H 'content-type: application/json'
```

Listing 5: API Response

```
{
  "success": true,
  "data": [
    {
      "id": "19667833f055",
      "url": "https://fg.criptan.es/19667833f055",
      "status": "CANCELLED",
      "createdAt": 1587466284
    },
    {
      "id": "271d2c17b7e0",
      "url": "https://fg.criptan.es/271d2c17b7e0",
      "status": "CREATED",
      "createdAt": 1587468224,
      "receiverKycData": "ok"
    }
  ]
}
```

- **success** - Whether or not the request was processed successfully.
- **timestamp** - Unix time in seconds at which the request was processed.
- **id** - The id of the transfer that was just created.
- **url** - URL to which the transfer UI can be accessed.
- **status** - Status of the transfer: *CREATED*, *PENDING*, *CONFIRMED*.
- **createdAt** - Unix time in seconds at which the transfer was created.
- **receiverKycData** - Status of the KYC verification process: *PROCESSING*, *VALID*, *INVALID*.

2.3 Cancel Transfer

API

Listing 6: API request

```
curl -X DELETE https://fg-api.criptan.es/v1/transfer \  
  -H 'authorization: Bearer eac33631-e416-43f9-b8ad-cff3cc0ab16b' \  
  -H 'content-type: application/json' \  
{  
  "id": "271d2c17b7e1"  
}
```

Listing 7: API Response

```
{  
  "success": false,  
  "timestamp": 1587468223,  
  "errorMessage": "Resource could not be found"  
}
```

- **success** - Whether or not the request was processed successfully.
- **timestamp** - Unix time in seconds at which the request was processed.