

# Cheatsheet on automating payments

## Get an API key

### Sandbox

A: Create a sandbox user in our [developer portal](#).

B: Use one of the sandbox user creation endpoints:

**POST** /sandbox-user-person

**POST** /sandbox-user-company

### Production

A: Create an app in our [developer portal](#).

B: Generate an API key in the bunq app.

## Connect to the bunq API

### call sequence

1. Pass your public key and receive ours.

**POST** /v1/installation

2. Register your device and IP address.

**POST** /v1/device-server

3. Open a session.

**POST** /v1/session-server

To ensure secure communication, we require signing for payment calls. You'll need to pass your signature in the X-Bunq-Client-Signature header, and the server will return its signature in the X-Bunq-Server-Signature header.

## Request money

### call sequence

1. Get the ID of the monetary account.

**GET** /user/{userID}/monetary-account

2. Optionally, you can attach an image to the payment request.

**POST** /user/{userID}/monetary-account/{monetary-accountID}/attachment

3. Send a payment request

**POST** /user/{userID}/monetary-account/{monetary-accountID}/request-inquiry

4. Check if the request has been paid.

**GET** /user/{userID}/monetary-account/{monetary-accountID}/request-inquiry/{itemID}

## Make a payment

### call sequence

1. Get the ID of the monetary account you want to make a payment from.

**GET** /user/{userID}/monetary-account

2. Optionally, you can attach an image to the payment.

**POST** /user/{userID}/monetary-account/{monetary-accountID}/attachment

3. Send a payment

**POST** /user/{userID}/monetary-account/{monetary-accountID}/payment

Check out the details at [doc.bunq.com](https://doc.bunq.com)

**... or use one of our SDKs:**

[Python](#) [C#](#)

[Java](#) [PHP](#)