



# API Documentation

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## Checkout Form Integration

### API Technical specifications

*Version 1.1*

*December 2024*



## I. Summary

This documentation is a technical guide providing an overview of Afrikpay's CheckForm API, designed to facilitate the integration of online payment solutions. It also explains how to easily configure payment buttons using the SDK provided.

<b>I. Summary</b>	<b>1</b>
<b>II. Preface</b>	<b>3</b>
1. About The versions	3
2. About The Authors	3
3. About This Guide	3
4. Intended Audience	3
5. Sdk Contents	3
6. Customer Support	4
<b>III. Getting Started With CheckForm API</b>	<b>4</b>
1. Prerequisites	4
2. Implementing Afrikpay API CheckForm Integration	5
<b>IV. How it works</b>	<b>11</b>
1. Confirm Mobile Money payment	11
2. Cancel Mobile Money payment	12
3. PayPal or VISA/Master Card payment	12

## II. Preface

### 1. About The versions

Version	Comment
1.0	present the general overview
1.1	Add checkout form integration specifications

### 2. About The Authors

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### 3. About This Guide

This document describes basic Afrikpay API Checkout Integration

### 4. Intended Audience

This document is for merchants and developers who want to get started implementing Afrikpay API CheckForm Integration.

### 5. Sdk Contents

Afrikpay API CheckForm Integration include :

## AFRIKPAY SAS

Société par Action Simplifiée Pluripersonnelle au Capital de 10 000 000 FCFA,  
Siège Social Douala – Logpom - B.P. 11355 Douala - Cameroun



- Afrikpay API CheckForm Integration documentation ;
- a sample HTML code ;
- a javascript library to embed in your website page ;

## 6. Customer Support

For support information about Afrikpay service,

Contact: [support@afrikpay.com](mailto:support@afrikpay.com)

## III. Getting Started With CheckForm API

### 1. Prerequisites

Prerequisites to **Afrikpay API CheckForm** include the kind of Afrikpay accounts you need as well as the required programming skills.

To use Afrikpay API CheckForm, you must have:

#### A) A production account

Afrikpay Production account enables you to become a merchant for whom Afrikpay collects money from buyers for goods or services. Afrikpay manages these transactions and charges you a small fee and a percentage of the amount collected from the buyer for each transaction. This account must subscribe to the Afrikpay ecommerce service.

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### **B) A Sandbox account.**

Afrikpay Sandbox provides an environment that simulates API Checkout, in which you execute your Afrikpay API Checkout integration without actually exchanging money. Your test account represents you as the merchant, or seller using Sandbox terminology. This account must also subscribe to the Afrikpay ecommerce service

### **C) HTML experience.**

Probably, you already have an existing website and may have already implemented a checkout experience for the goods or services you sell on your site. You will need to add the Pay with Afrikpay Checkout buttons to your web pages. The Pay with Afrikpay Checkout buttons initiates the Afrikpay checkout flow.

## **2. Implementing Afrikpay API CheckForm Integration**

Afrikpay API Checkout integration requires you to set up payment method buttons like following:

- A) Your form tag should have one priority div element with id set value as **"buttons-container"** in order to display payment method buttons on your payment form.

```
<form action="">
  <!--      this your form field
  -->
  <div id="buttons-container"></div>
</form>

<script src="js/afrikpay-ecommerce-checkout.min.js"></script>
<script>
  renderPaymentBtns();
</script>
```

B) Include the javascript file provided in the sdk

```
<script src="js/afrikpay-ecommerce-checkout.min.js"></script>
```

C) Call the script javascript function “**renderPaymentBtns()**” that is already included in sdk and pass the payment buttons configuration.

Note that this function should be called just at the bottom of sdk script.

```
<script>
  renderPaymentBtns({
    externalId: '{{externalId}}',
    username: '{{afrikpay_account_username}}',
    formId: 'form_id',
    paymentUrl: '{{host}}/api/secure/form/ecommerce/checkout/payment',
    btnsContainerId: 'buttons-container',
    btnClass: 'btn btn-primary ms-2 mt-2',
    btnInlineStyleClass: 'btn-style',
    methods: [
      'orange-money-ecommerce-payment-service-feature',
      'mtn-mobile-money-ecommerce-payment-service-feature',
      'express-union-mobile-money-ecommerce-payment-service-feature',
      'uba-m2u-ecommerce-payment-service-feature',
      'card-ecommerce-payment-service-feature',
      'paypal-ecommerce-payment-service-feature'
    ]
  });
</script>
```

### Result:

When you display your checkout page in the browser, Afrikpay check out payment buttons should appear:



### D) Payment buttons configuration

The following table reports all the necessary configuration for rendering the payment buttons

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Parameters	Required	Description
username	Yes	Your Afrikpay account username
formId	Yes	The payment HTML form element id attribute value
paymentUrl	Yes	Afrikpay environment (sandbox and production) payment url
btnsContainerId	Yes	Id attribute value of HTML parent element that will contain the payment buttons
externalId	No	The unique transaction id of your information system. If it isn't provided, a random "externalId" is generated by the javascript sdk
btnClass	No	List of HTML classes to add in each payment button element class attribute
btnInlineStyleClass	No	The css class using to apply css rules in style attribute of each payment button
methods	No	Array of payment methods. All

		the payment methods will be rendered if it isn't provided
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#### E) Afrikpay Checkout Payment Service

At this date when we write this document, Afrikpay offers seven (07) payment services using mobile money and bank card.

Service Name	Service Slug
ORANGE Money (OM)	orange-money-ecommerce-payment-service-feature
MTN Mobile Money (MoMo)	mtn-mobile-money-ecommerce-payment-service-feature
UBA M2U	uba-m2u-ecommerce-payment-service-feature
EXPRESS UNION Mobile Money (EUMM)	express-union-mobile-money-ecommerce-payment-service-feature
PayPal	paypal-ecommerce-payment-service-feature
Visa/Master Card	card-ecommerce-payment-service-feature

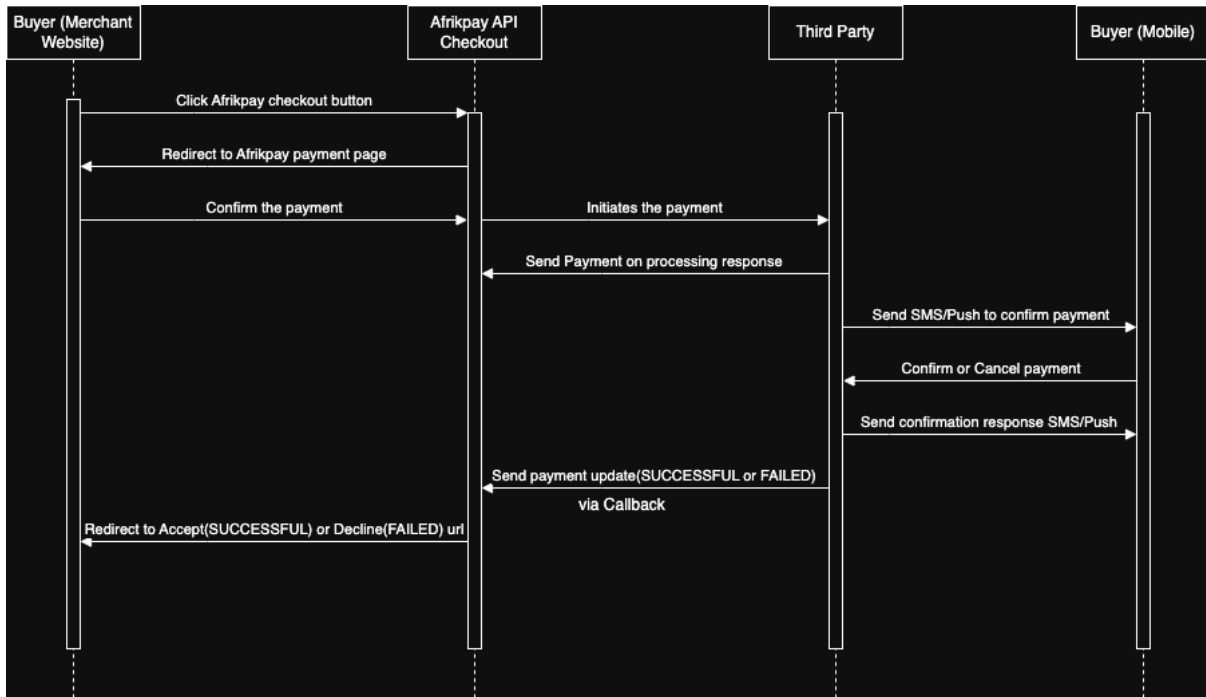
#### F) Afrikpay Checkout Form Fields

Form Fields	Description	Input type	Attribute name value	Required/Optional by service
Amount	transaction amount	number	amount	required for all
Reference Number	reference using to pay with	text	referenceNumber	required for OM, MOMO, UBA and EUMM
First Name	Buyer first name	text	data[firstName]	required for Visa/Master Card
Last Name	Buyer last name	text	data[lastName]	required for Visa/Master Card
Address	Buyer address	text	data[addressLine1]	required for Visa/Master Card
City	Buyer city	text	data[addressCity]	required for Visa/Master Card
Description	Description of transaction	text	description	optional and used by all
Phone	Phone number to text in case of successful transaction	text	phone	optional and used by all

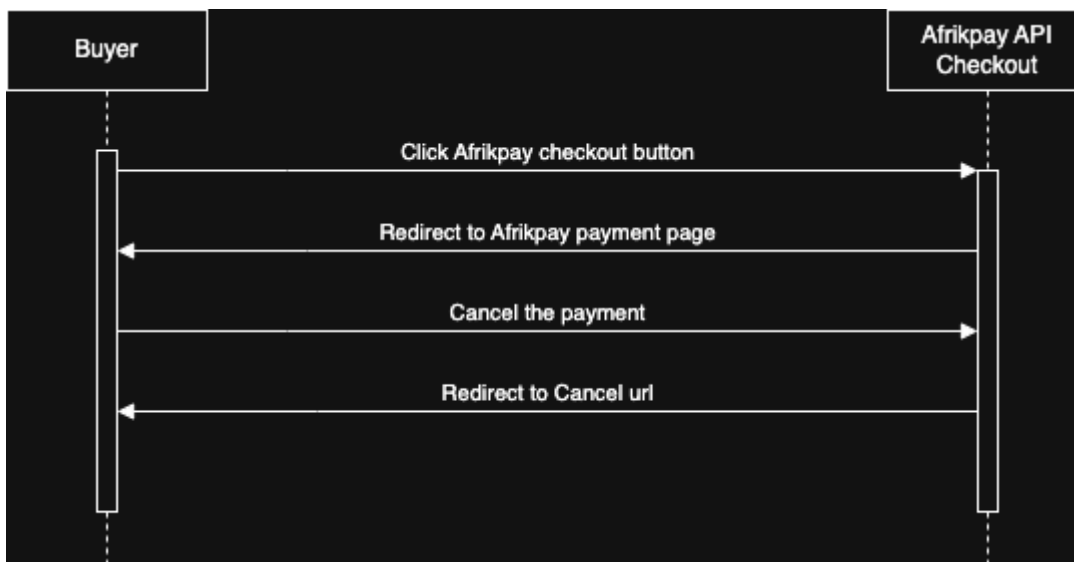
Email	Email to notify in case of successful transaction	text	email	optional and used by all
Country	Buyer country	text	data[addressState]	optional and used by Visa/Master Card
Postal Code	Buyer postal code	text	data[addressPostal Code]	optional and used by Visa/Master Card

## IV. How it works

### 1. Confirm Mobile Money payment



### 2. Cancel Mobile Money payment



### 3. PayPal or VISA/Master Card payment

