

About:

This file is a technical guide for integration of merchant backend with AIRPAY. Please refer to below guidelines for integration.

A. List of Files

1.Transaction.js - Merchant Data collection.

2.config.json - Variable Configuration file

3.server-

- app.js-This is a simple Express.js server with CORS support, serving static files, using body-parser for handling JSON and form data, and listening on port 8000.

1.routes-

- index.js- It includes functionalities for encrypting and decrypting data using AES-256-CBC, handling data exchange with the Airpay API, and processing responses from Airpay transactions.

2.views-

- response.pug- This Pug template, embedded in an Express.js view, dynamically renders a transaction response page. It displays transaction details, including TRANSACTIONID, APTRANSACTIONID, AMOUNT, MESSAGE, and CUSTOMVAR

B. Data captured.

	Data	HTML variable name	Data Format	Data Length	Example
	Buyer Email	buyerEmail	email format	6-50	eg.buyer@example.com
	Buyer Phone	buyerPhone	numeric, space, hyphen	8-15	9898989989898
*	Buyer First Name	buyerFirstName	alphanumeric, space	1-50	name 89
*	Buyer Last Name	buyerLastName	alphanumeric, space	1-50	name 89
	Buyer Address	buyerAddress	alphanumeric, space and these special chars ,;:.\$\ () - _	4-50	
	Buyer City	buyerCity	alphanumeric, space	2-50	Dodoma
	Buyer State	buyerState	alphanumeric, space	2-50	Dodoma
	Buyer Country	buyerCountry	alphanumeric, space	2-50	TANZANIA
	Buyer Pincode	buyerPinCode	alphanumeric	4-8	4124578
	Payment Mode	chmod	chars		ppc_pg_nb(ppc - prepaid card,pg- payment gateway, nb- netbanking)***
*	Amount	amount	number with two decimals	1-6.2	999999.99
*	Order ID	orderid	alphanumeric	1-20	
*	Private Key	privatekey	alphanumeric	10-200	As per calculated in the example.
*	Merchant ID	mercid	numeric	1-12	
*	Checksum	checksum	alphanumeric	10-200	As per calculated in the example.
*	Currency	currency	numeric	3	834**
*	ISO Currency	isocurrency	chars	3	TZS **
*	Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
*	Airpay Version	arpyVer	numeric		4 **
	Sub Type	txnsbtype	numeric	1-100	eg.1000

* represents mandatory.

** Hardcode these example values

***chmod variable contains Payment Modes available for user. for e.g. If you want to show only Credit Card/Debit Card, then value of the chmod variable will be "pg". If you want Net Banking and Prepaid card then the value of the chmod variable will be "nb_ppc".If you want to show all payment options activated for you at airpay, then leave this variable blank.

C. Details.**1.Transaction.js**

This file has an example of data collection from a merchant. It collects the following data.

Buyer Email, Buyer Phone, Buyer First Name, Buyer Last Name, Buyer Address, Buyer City, Buyer State, Buyer Country, Buyer Pincode, Amount, Order ID.

orderid variable is kept here, so that you can test the kit conveniently. orderid should be a unique reference number generated and sent by your system to airpay.It includes functions to send data to the server, obtain an access token, and create a form for submitting encrypted data to Airpay.

2.config.json

This file contains variables username, password, secret, mercurid which you can get from the settings page of your airpay merchant account. These variables are used in Transaction.js and index.js. private key and checksum are generated using these variables

3.error.php

Example landing page if server side validation failed for Transaction.js

4.server-

app.js- This is a simple Express.js server with CORS support, serving static files, using body-parser for handling JSON and form data, and listening on port 8000.

1.routes-

index.js- It includes functionalities for encrypting and decrypting data using AES-256-CBC, handling data exchange with the Airpay API, and processing responses from Airpay transactions.

- /sendData: Handles HTTP POST requests, extracting data from the request body, encrypts it, and responds with the encrypted data along with a token input.
- /responsefromairpay: Handles HTTP POST requests, decrypts the response data, extracts relevant information, calculates a hash, and renders a Pug template with the response details. The decrypted data includes transaction details like TRANSACTIONID, APTRANSACTIONID, AMOUNT, MESSAGE, CUSTOMVAR, and TRANSACTIONSTATUS.

2. views-

- response.pug- This Pug template, embedded in an Express.js view, dynamically renders a transaction response page. It displays transaction details, including TRANSACTIONID, APTRANSACTIONID, AMOUNT, MESSAGE, and CUSTOMVAR

, the following list of variables are displayed.

TRANSACTIONID = order id you have send to airpay
system APTRANSACTIONID = airpay transaction
reference number AMOUNT = transaction amount
TRANSACTIONSTATUS = successful = 200
MESSAGE = Response message received from payment
gateway. ap_SecureHash = Secure hash generated by
airpay
CUSTOMVAR = customvar value received from payment
gateway. All fields are mandatory except MESSAGE.
en.

Note – Kindly Provide either buyerEmail or BuyerPhone