

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

- ☐ transaction.html - Used for Merchant data collection, Chmod Variable (pgcc/pgdc/nb)
 - ☐ validation.js – Basic field validations for input data
 - ☐ main.js – Sending data to & response from airpay
 - ☐ Server.js - Define backend to receive response. Port and response url defined here. Can change by editing server.js code.
 - ☐ Routes.js - post response accepted and redirected to error or response page according to the data received.
6. Error.pug - landing page for failed transaction due to secure hash mismatch.
7. Response.pug - Landing page for response.
8. Server
- app.js - Node js file for handling encryption, decryption and response from server

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	Dodomo
Buyer State	buyerState	alphanumeric, space	2-50	Dodomo
Buyer Country	buyerCountry	alphanumeric, space	2-50	Tanzania

Buyer Pincode	buyerPinCode	alphanumeric	4-8	4124578
Payment Mode	chmod	char	2- 15	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**

* 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 Netbanking and Prepaid card then 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.

□ transaction.html

This file has example of data collection from merchant. It collects 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

Add your airpay merchant details here.

□ validation.js

- Validations are performed here

□ main.js

The variables collected from transaction.html are used for the following: Used to calculate

- Checksum –To encrypt and sanitize data
- Private key
- Encrypted data – Encrypt the form data to send to server

We are also collecting two other HTML variables. currency: 834 isocurrency:TZS In this file, a token generation logic has been implemented, utilizing request data and a token URL. The generated token is subsequently decrypted and appended to the URL.

☐ Server.js

Resposnse url and node port defines here

☐ Routes.js

post response accepted and redirected to error or response page according to the data received. Paste file inside folder responsefromairpay-> routes .

Modify the value of username with your airpay merchant username.

☐ Error.pug

landing page for failed transaction due to secure hash mismatch. Paste file inside folder Views

☐ Response.pug

Landing page for response. Paste file inside folder Views

☐ Server

☐ app.js - node js backend for encryption,decryption and handling the response from server.

Note:

- Paste layout.jade from views folder to Views folder (style file for response)
- Install crc-32 using npm install crc-32
- Copy folder public to kit (style and image files for node)
- Install node-js
- Open cmd in server folder,then run node app.js for initiating node-js