

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.html - Merchant Data collection.
2. sendtoairpaypage.py - Merchant Data encryption and sending data to airpay.
3. responsefromairpay.py - Response from airpay

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	Delhi
	Buyer State	buyerState	alphanumeric, space	2-50	Delhi
	Buyer Country	buyerCountry	alphanumeric, space	2-50	India
	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.html**

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. So you may generate it in sendtoairpaypage.py

2. sendtoairpaypage.py

This file provides you an example of how to process data received from transaction.html and send it to airpay payment solutions.

It encrypts and sends a request to obtain an access token using OAuth2 authentication. Once authenticated, it encrypts form data for a payment request and redirects the user to the Airpay payment page. The script generates HTML to automatically submit the payment form with encrypted data, ensuring secure transaction processing.

currency: 834

isocurrency: TZS

3. responsefromairpay.py

This file states how to process responses from airpay. It decrypts the received encrypted response using AES-CBC

encryption. Extracts relevant data from the decrypted response such as transaction details and generates an HTML page displaying transaction information, indicating success or failure, and presenting variable names and values.

Airpay will send you the following list of variables.

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.

In the file we have done different validations and mentioned what necessary action needs to be taken. Please go through the php comments mentioned in this file.

Secure hash is calculated using crc32. More details are available on <http://in2.php.net/crc32>

\$mercid = Merchant Id, \$username = username available on the settings page of your airpay merchant account.

4. error.php

Example landing page if server side validation failed for transaction.html

Note – Kindly Provide either buyerEmail or BuyerPhone