



## 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        | <a href="mailto:eg.buyer@example.com">eg.buyer@example.com</a>       |
| 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   | arpvVer            | numeric                                                    |             | 4 **                                                                 |
| Sub Type           | txns subtype       | 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