

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. Index.vbhtml - Merchant Data collection.
2. Web.config - Variable Configuration file.
3. HomeController.vb - Merchant Data encryption, access token validation, server side validation and accept response from server.
4. Sendtoairpay.vbhtml - sending data to airpay.
5. Responsefromairpay.vbhtml - Landing page for response.
6. Error.vbhtml - Landing page for error.
7. CRC32.vb - Contains code that refer for secure hash matching.
8. Functions.vb - checksum, encryption and decryption functions.
9. style.css and images (airpay-text-wh.svg and coveringimg.png) - To add style.
10. _Layout.vbhtml - To add common style for all pages

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
*	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	356 **
*	ISO Currency	isocurrency	chars	3	INR **
*	Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
*	Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
	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 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.**1. Index.vbhtml**

This file has example of data collection from merchant. Place this file inside 'Pages' folder. 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.

orderid variable is kept here, so that you can test the kit conveniently. orderid should be unique reference number generated and send by your system to airpay. Place this file inside Views->Home folder.

2. Web.config

This file contains variables username, password, secret, mercid which you can get from settings page of your airpay merchant account. This variables are used in HomeController.vb file. privatekey and checksum

are generated using these variables. Replace the file with Web.config of the existing project or copy first four appsettings value(with key value 'username','secret','password' and 'mercid') from this file to Web.config of existing project.

3. HomeController.vb

This file provides you example of how process data received from Index.vbhtml and also states how to process response from airpay and send data to corresponding page. 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. Airpay will send you following list of variables. Place this file inside 'Controllers' folder.

- TRANSACTIONID = orderid you have send to airpay system
- APTRANSACTIONID = airpay transaction reference number
- AMOUNT = transaction amount
- TRANSACTIONSTATUS = successfull = 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 and CUSTOMVAR .
- Secure hash is calculated using crc32. More details are available on <http://in2.rb.net/crc32>
- mercid = Merchant Id, username = username available on settings page of your airpay merchant account.

4. Sendtoairpay.vbhtml

This file data received from HomeController.vb file and send it to airpay payment solutions. Place this file inside Views->Shared folder.

- currency: 834
- isocurrency: TZS

5. Responsefromairpay.vbhtml

This file display the message from airpay. Place this file inside Views->Shared folder.

6. Error.vbhtml

Example landing page if server side validation failed for Index.vbhtml. Place this file inside Views-> Shared folder.

7. CRC32.vb -

Contains code that refer for secure hash matching.

8. Functions.cs -

This file contains encryption, decryption, checksum and sendpostdata functions.

9. style.css and images -

Place style file inside 'Content' folder and image files (airpay-text-wh.svg and coveringmg.png) inside 'images' file.