

## 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. Collected data is configured to pass to a server from there sending data to airpay.
2. config.json - Variable Configuration file ,
3. helper.js - Merchant Data encryption and sending data to airpay.
4. Payresponse.js : For displaying if there is any issue with upi payment.

### 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	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	numeric	4-8	4124578
	Payment Mode	chmod	chars		ppc_pg_nb(ppc - prepaid card,pgpayment gateway, nbnetbanking)***
*	Amount	amount	number with two decimals	1-6.2	99999.99
*	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 **
	Transaction Wallet	Wallet	numeric	1	Transaction Wallet (length 1, not required) Default - 0 Consumer wallet will be Updated - 1
	Custom variable	customvar	alphanumeric,space,=	1-100	eg.airpay Payment
	Sub Type	txnsubtype	numeric	1-100	eg.1000
*	UPI intent	upi_intent	char	1	Y **

\* 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. App.js

This is the file for App Component. App Component is the main component in React which acts as a container for all other components.

### 2. config.json

This file contains variables username, password, secret, mercid , keyEncry, keyDecry, and success\_url which you can get from settings page of your airpay merchant account. This variables are used in Transaction.js and Upipayment.js where privatekey and checksum are generated using these variables. Also UPI intent waiting time is set inside this file.

### 3. Transaction.js

This component 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, Success url.

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. These informations are passed to an already configured server and from there is it submitted to the airpay payment gateway.

#### 4. Webview.js

This is an embedded browser that can be used to display payment gateway pages inside our app.

#### 5. Custommessage.js

For showing custom error or warning messages.

#### 6. Payresponse.js

This file also states how to process response from airpay. Airpay will send you following list of variables.

- 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.
- In the file we have done different validations and mentioned what necessary action needs to be taken. Please go through php comments mentioned in this file.
- Secure hash is calculated using crc-32. More details are available on <https://www.npmjs.com/package/crc-32>
- mercid = Merchant Id, username = username available on on settings page of your airpay merchant account

#### 7. helper.js

This helper file contains functions like Encrydata, Decryptdata for encrypting and decrypting requests.