Payment Integration Document

Version 1.0 -- UAT DOCUMENT

INDEX

Introduction

- Web integration is the simplest, quick and easy way to integrate the Paylogic's PG in your Website. When using this mode of integration customers will be redirected from your checkout page with Server to Server communication to collect payment details which has built-in support for Saved Cards, Credit and Debit Cards, UPI & wallets.

- Paylogic's Servers which are PCI DSS compliant so that the merchant does not have to worry about the PCI DSS and do seamless mode of transaction without any hassle.

- Accept payments from your customers in a secure and quick manner with Paylogic. Your customers get a streamlined flow with the 'Checkout' form for initiating payments. The payment details shared by your customer are tokenized by Paylogic tag as data attributes. You can submit additional fields, visible or hidden, along with the form.

- With this sample code given, Paylogic "Checkout "options will be passed as the HTML data attributes. After the completion of the checkout process, an additional field <name=id> will be added to the form containing the script tag. Post this, the form is submitted automatically. With the authorization of the payment made, the form along with the Paylogic_payment_id to the action URL.

Uat-Credentails

- **UAT NON-SEAMLESS**
  MID: M00005016
  KEY: hr8er4hf9xW1tx1ah1qH6hU7vr7io7eR
  URL: http://15.207.83.20:8080/paytest/payprocessorV2
  TXNTYPE : DIRECT

- **UAT SEAMLESS**
  MID: M00005017
  KEY: FW9xR9ux3eU1KE0jn1gA2ZY0dK8wW2Qm
  URL: http://15.207.83.20:8080/paytest/payprocessorV2
  TXNTYPE : REDIRECT
  INSTRUMENT ID : NB
  CARD_DETAILS: 1013

- **Note** : Our Payment API is using AES-256-CBC patter algorithm and same sample code will be provided from our side.

Process Flow

This section briefly details the overall transaction flow –

• User logs-in at the Merchant website for Online payment

• User then decides to pay; clicks on 'Checkout' option provided at the merchant page

• Merchant website generates a unique reference number; along with other mandatory parameters and then converts it in to Json String.

• After generating the json object merchant encrypts the data using AES-256 algorithm. It provides a unique key for the data encryption. After encrypting the data merchant establish a connection with the 's Payment Gateway Interface over a secured https channel.

• At the Payment Gateway; User is displayed various 'payment options' that he can use, for e.g. Net Banking.

• User chooses the payment option at 's Payment Gateway and is taken to the page of that specific bank. User then enters the relevant authentication details [i.e. User ID/ Card Number/ Password etc.] at the bank's authentication page.

• User's account is debited, and the User is then directed back to the designated Return URL [RU] at Merchant website. encrypts the data (using the same key) before sending it to the merchant's page.

• After getting the response, merchant needs to decrypt the data. Merchant can use this response to update its system and display to the User that the payment process was successful

• Each request also generates a unique Transaction ID against each transaction that is received – this could be displayed to the User; and used for any queries relating to the transaction.

Payment Process API

Sr. No.	Parameter Name	Detailed Description		
01	merchantId	Description	Unique merchant id provided by	
		Mandatory	Y	
		Type	AN	
		Min Length	5	
		Max Length	16	
		Sample value	M00012	
02	apiKey	Description	A unique key provided by	
		Mandatory	Y	
		Type	AN	
		Min Length	8	
		Max Length	8	
		Sample value	jpuT0821	
03	txnId	Description	A unique tracking id created by the merchant for each transaction	
		Mandatory	Y	
		Type	AN	
		Min Length	1	
		Max Length	32	
		Sample value	77983779999	
04	Amount	Description	Amount of the transaction	
		Mandatory	Y	
		Type	Decimal (fixed 2 decimal points)	
		Min Length	1 (excluding decimal)	

		Max Length	8 (excluding decimal)
		Sample value	100.00
05	dateTime	Description	Date time of the originator
		Mandatory	Y
		Type	Date Time (yyyy-MM-dd HH:mm:ss)
		Min Length	19
		Max Length	19
		Sample value	2018-08-01 13:20:33
06	custMobile	Description	Mobile number of the customer
		Mandatory	Y
		Type	N
		Min Length	10
		Max Length	10
		Sample value	9876588877
07	custMail	Description	Email id of the customer
		Mandatory	Y
		Type	AN
		Min Length	8
		Max Length	50
		Sample value	abc@abc.com
08	channelId	Description	Channels like Internet, IVR, etc
		Mandatory	Y
		Type	N
		Min Length	1

		Max Length	1	

		Sample value	0 (For Internet)
09	txnType	Description	**DIRECT**: Capture Payment details on Aggregator's page **REDIRECT**: Get Payment Details in Request from Merchant and redirect to Bank Page directly
		Mandatory	Y
		Type	A
		Min Length	6
		Max Length	8
		Sample value	DIRECT/REDIRECT
10	returnURL	Description	A Unique URL provided by merchant to post the response
		Mandatory	Y
		Type	AN (Special Characters Allowed are **/?&=_:.**)
		Min Length	10
		Max Length	200
		Sample value	http://payone.tech/abc/
11	productId	Description	**IF** Merchant wants Multipart Settlement for single Txn then he needs to pass different Product Ids along with the Amount **ELSE** value is **'DEFAULT'.**
		Mandatory	Y
		Type	AN (Special Characters allowed are Tilde(~) and Pipe(|))
		Min Length	-
		Max Length	Undefined

12	isMultiSettlement	Sample value	**IF isMultiSettlement = 0 :-** *DEFAULT* (Case-Sensitive) **IF isMultiSettlement = 1 :-** *Product1~100|Product2~200|..|ProductN~AmountN* **Note :** Sum of Amounts in Product Id field must be equal to Transaction Amount.	
		Description	**IF** Merchant wants Settlement of single Txn in Multiple Accounts (Registered with) then he needs to pass value of this field as **'1'(True) ELSE '0'(False).**	
		Mandatory	Y	
		Type	N	
		Min Length	1	
		Max Length	1	
		Sample value	0(False)/1(True)	
13	udf1	Description	Default value is "NA". The user (merchant) defines these fields. The field data is passed along with a transaction request. These fields are for merchant to pass additional transaction related information like customer email id, contact number, Address etc..	
		Mandatory	Y	
		Type	AN	
		Min Length	2	
		Max Length	200	
		Sample value	NA	
14	udf2	Description	Default value is "NA". The user (merchant) defines these fields. The field data is passed along with a transaction request. These fields are for merchant to	
Extra	type	Sample value	1.1 , mandatory = Y, type =N	

			pass additional transaction related information like customer email id, contact number.	
		Mandatory	Y	
		Type	AN	
		Min Length	2	
		Max Length	200	
		Sample value	NA	
15	udf3	Description	Default value is "NA". The user (merchant) defines these fields. The field data is passed along with a transaction request. These fields are for merchant to pass additional transaction related information like customer email id, contact number.	
		Mandatory	Y	
		Type	AN (Space allowed in Card Name Field)	
		Min Length	2	
		Max Length	200	
		Sample value	NA	
16	udf4	Description	Default value is "NA". The user (merchant) defines these fields. The field data is passed along with a transaction request. These fields are for merchant to pass additional transaction related information like customer email id, contact number.	
		Mandatory	Y	
		Type	AN	
		Min Length	2	
		Max Length	200	
		Sample value	NA	
17	udf5	Description	Default value is "NA". The user (merchant) defines these fields. The field data is passed along with a transaction request. These fields are for merchant	
			to pass additional transaction related information like customer email id, contact number.	
		Mandatory	Y	
		Type	AN	
		Min Length	2	
		Max Length	200	
		Sample value	NA	
18	instrumentId	Description	Payment Mode of the Transaction	

		Mandatory	Y
		Type	A
		Min Length	2
		Max Length	2
		Sample value	For txnType DIRECT :- NA / For Redirect :- NB/CC/DC/UPI
19	cardDetails	Description	Bank code to be filled in the provided field.
		Mandatory	Y
		Type	AN (Space allowed in Card Name Field)
		Min Length	2
		Max Length	65
		Sample value	For txnType 'DIRECT' the default value - NA For txnType 'REDIRECT' – For CC/DC: " CARDNAME|CARDNO|CVV|EXPIRY|SAVECARDFLAG" For NB: Bank specific code provided by For UPI: VPA address
20	cardType	Description	Type of Card used for Transaction
		Mandatory	Y
		Type	A
		Min Length	2
		Max Length	20
		Sample value	For txnType DIRECT :- NA For txnType REDIRECT & instrumentId CC/DC :- Visa/Mastercard/Rupay etc For txnType REDIRECT & instrumentId NB :- NA For txnType REDIRECT & instrumentId UPI :- NA

Plain Request JSON (NON-SEAMLESS)

{"dateTime":"2022-05-28
22:36:56","amount":"1.00","isMultiSettlement":"0","custMobile":"9876543210","apiKey":"hr8er4hf9xW1tx1ah1qH6
hU7vr7io7eR","productId":"DEFAULT","instrumentId":"NA","udf5":"NA","cardType":"NA","txnType":"DIRECT","udf3
":"NA","udf4":"NA","udf1":"NA",**"type":"1.1",**"udf2":"NA","merchantId":"M00005016","cardDetails":"NA","custMail
":"test@test.com","returnURL":"http://localhost:8009/response","channelId":"0","txnId":"98198"}

Encrypted Request JSON

wsMOov7xcMfq3nvg8m6QcflUNZuwvaIaury+OuA8uUn/8g5B4MS6fTONF5M9r5wImL5k5OrvNswEE0i7fzBrT2LlYNhvl
qox8IOY6wYMzmBUaskKL5CtlbTJ1mUraSextsGpJ7qo1NKCadTNjf4KI9gboN4SEbStU6U8DmfZeOKes+u3qJGBlb3kJKQ0
NDxUdUcU80TYun6aPM0tlc35Ah3/EfCefQ1GbuV0vm8hjJTZBMdr0WwP+CsOq4gqout6hLoqQy3VkVPlk3fWmZFPo8/y
pD+0xfSkRXcwMuBG5rMFzPkY7RoG3ViXR801d90LC97FtImFy6Ad72ybJTi9GOg5OXl+CBOr7XlVhwQh7xEA2PWt2si5zK
ORPu2+FZaEwxlXYxrLpqQ3WV8TFUlf9ECGAo6d2FBFZYinvqjr82Y3f0tYeNju5siMMQMxwtrx91YntBDuNJPi+ymH9vQkF
vXr3tzn9Ook1gMVsjrneOMJ/1SSBkNXGmdxjdJ2X8wUApq7sENG+1/seNgZ3TCpdHYPKbT76YkQvxzZsI6t8bRrXKnXn2P
pdNOcX/GnrdDF4kSPP2GFet84ktyOsqWEsQ==

Plain Request JSON (SEAMLESS)

{"dateTime":"2022-05-28 22:48:54","amount":"1.00","isMultiSettlement":"0","custMobile":"9876543210","apiKey":"FW9xR9ux3eU1KE0jn1gA 2ZY0dK8wW2Qm","productId":"DEFAULT","instrumentId":"NB","udf5":"NA","cardType":"NA","txnType":"REDIRECT" ,"udf3":"NA","udf4":"NA","udf1":"NA","type":"1.1","udf2":"NA","merchantId":"M00005017","cardDetails":"1013","c ustMail":"test@test.com","returnURL":"http://localhost:8009/response","channelId":"0","txnId":"86400"}

Encrypted Request JSON

+9rdH7gqgNASLjYH12l5QcM2ofGIQISBvoLzP+xcyFUlk/nd2+B2z2w4UvgSonxG45K1N1ILAKGdbqkcEsv8f+JnPDONAP8+ enxI66C7vOEW7O1P+0RQt9dtfF6IVfwFqt5YfuhjSDCjo1umTxCtRt+DY2w37uiyZfJhOp01a20Gfi6nZ4tUVhWeN1n8KhIY nkEwXpX5Pj6fxMEm3JPCVdBFDl8k7ksJcbOuyWH8JerHm509HaGOB1Pdnc2PMw3K2LDi0hCLQY64TlSsdmlPqVzIrMtKT zgfHoN9YbaVByJc0qdnx8chuOaQjRtqZofArhO5epe6OHzWBngyVDZ4HhsNr8t4rrum5Way7ky5HsZLkv0MnAABoyfOr6 2oI5IKhCtcph4OCPxvnDDhKUWjBvxEL1KqS7k0H/YAPh3TcsgQM9bOE2yxv0YY7bCtMJSasGheUm/k5aCAQzCbamXK3d k1FOuF+GuPtrqOKVCe53V7EPjtUSphAJVxhB9BpL7aEYtXm0eN8tqXuqhSJhAtBFBmDF5DvEY3oGAxn4KF74QG2EwzMir a1inrn0mPenPVTHNzUzFxpw8PBObofWU6YA==

HTML FOR DATA TO BE POSTED

```
<form id="payForm" action="http://3.108.21.243:8080/paytest/payprocessorV2" method="post">
<input type="hidden" id="reqData" name="reqData" value="
wsMOov7xcMfq3nvg8m6QcflUNZuwvaIaury+OuA8uUn/8g5B4MS6fTONF5M9r5wImL5k5OrvNswEE0i7fzBrT2LlYNhvlqox
8IOY6wYMzmBUaskKL5CtlbTJ1mUraSextsGpJ7qo1NKCadTNjf4KI9gboN4SEbStU6U8DmfZeOKes+u3qJGBlb3kJKQ0NDxU
dUcU80TYun6aPM0tlc35Ah3/EfCefQ1GbuV0vm8hjJTZBMdr0WwP+CsOq4gqout6hLoqQy3VkVPlk3fWmZFPo8/ypD+0xfSk
RXcwMuBG5rMFzPkY7RoG3ViXR801d90LC97FtImFy6Ad72ybJTi9GOg5OXl+CBOr7XlVhwQh7xEA2PWt2si5zKORPu2+FZaE
wxlXYxrLpqQ3WV8TFUlf9ECGAo6d2FBFZYinvqjr82Y3f0tYeNju5siMMQMxwtrx91YntBDuNJPi+ymH9vQkFvXr3tzn9Ook
1gMVsjrneOMJ/1SSBkNXGmdxjdJ2X8wUApq7sENG+1/seNgZ3TCpdHYPKbT76YkQvxzZsI6t8bRrXKnXn2PpdNOcX/GnrdDF
4kSPP2GFet84ktyOsqWEsQ==">
<input type="hidden" id="merchantId" name="merchantId" value="M00005016">
</form>
```

RESPONSE

Sr. No.	Parameter Name	Detailed Description
1	respData	AES-256 bit Encrypted Response

Successful Transaction Encrypted Data

OL8mh54iComQXexqKFVBRbvPsfeQ30l5Yo5RPefrYeQ1JnFo356ooXJtnK32ffHKxtyYG4x1xE7XjRhnHM3LaLbcOj4dG7B GvlO2jiW+I31n/gFnB2GokFk0YQNEIYmd6VLvWE8/uQMJyDr2g8utwN4abCB71O5PBY+w9uHk6XdQmrluEJhSXPJEaUw N95qfbFh6yWkNjpa0RdfSAQf8MFOqiw4/dFCKm5/FCYtJjekwvxEBw7lEDYSCzx7sHlAAmJ9oO9Isew6Jz4gAHG9+jzHBG4 kowTYEWlS3UP+AD/dn+Grv3+LhDDyHjod84gOLNrbi0mxUhmW+tSwldP8CEv2uIQT4Bcgy7+/PNf0MCX06scOfswR/td0 W6Rvj6prp6jjj1fix59PY6Xi9/TUVbSEyQt4kHh/m/KS1f0SSYAMni64ifc+wHe+LozhBL8z5z0SEtpBDsVMl6OZSfxt0egCce+ 0jHIYf9K0epVzfL0wVPAD36WvyTOljQWztoMxbEWcpWDnE3HgUVDYvT0Sg/1VmmS4GSFfi/eXjP9CddMDDQOwrrH/bs Vcv0KiDkhPjW5XV8YZDqWkXjxQeiBNB7A==

Successful Transaction Decrypted Data

{"payment_mode":"NB","resp_message":"Transaction Successful.","udf5":"NA","cust_email_id":"test@test.com","udf3":"NA","merchant_id":"M00005017","txn_amount": "1.00","udf4":"NA","udf1":"NA","udf2":"NA","pg_ref_id":"1002214822560207520","txn_id":"48350","resp_date_ti me":"2022-05-28 22:56:27","bank_ref_id":"280520221653758781136","resp_code":"00000","txn_date_time":"2022-05-28 22:56:20","trans_status":"Ok","cust_mobile_no":"9876543210"}

Failed Transaction Encrypted Data

OL8mh54iComQXexqKFVBRbvPsfeQ30l5Yo5RPefrYeQ1JnFo356ooXJtnK32ffHK34b1RaK7i8TYONq6zA2QCkv7GmSvfo
wlh+mrBG8xEPIRnpwLjkbJEBnoPhX9CPgYAIy8JxQ1TMXzBG3Z7SpGN5nZ6oJqZH4fjSr+Jy2rCK7WNkcM+nTUood8FEUE
dlV4rps2UcXNnFpKnLXCWVNWyRzpeRiSxTkGEkFCl15GP4ik4o5PIcqMwhhyGGXLPJDe+MJYYziiHP0F/zuQCzFq5yUfGx
Ny4s7z9i6KkV7hJwkw0Ujx+ggqdH06lSE2+37udQ8+mA1bEXFaMD2Zco3C7OnluxUAdkbC3phqeUr5vFg4SP7WrOtn9SQ
CnIdamV/oylwUD2ImzHL2wNgXT6VbmJr0huilfJzmAcSnrHHIn7IvKcLu45uuyTy9GecSvb0C1Lx9lHf/cGB0KZf/MnimRklk
eK1ez9fzL5gcccfNZJwYsmDZNHFAdlnlWGqoEGiH79ys5GwlQmpnrs5N27QSDHQe4O6+rb1KoHXN/sFA7l0=

Failed Transaction Decrypted Data

{"payment_mode":"NB","resp_message":"Transaction
Failed.","udf5":"NA","cust_email_id":"test@test.com","udf3":"NA","merchant_id":"M00005017","txn_amount":"1.0
0","udf4":"NA","udf1":"NA","udf2":"NA","pg_ref_id":"1002214823010107521","txn_id":"55338","resp_date_time":"
2022-05-28 23:01:14","bank_ref_id":"NA","resp_code":"FFFFF","txn_date_time":"2022-05-28
23:01:10","trans_status":"F","cust_mobile_no":"9876543210"}

Actual form DATA

Form data	Raw
merchantId: "M00005017"	
respData: "OL8mh54iComQXexqKFVBRbvPsfeQ30l5Yo5RPefrYeQ1JnFo356ooXJtnK32ffHK34b1RaK7i8TYONq6zA2QCkv7GmSvfowlh+mrBG8xEPIRnpwLjkbJEBnoPhX9CPgYAIy8JxQ1TMXzBG3Z7SpGN5nZ6oJqZH4fjSr+Jy2rCK7WNkcM+nTUood8FEUEdlV4rps2UcXNnFpKnLXCWVNWyRzpeRiSxTkGEkFCl15GP4ik4o5PIcqMwhhyGGXLPJDe+MJYYziiHP0F/zuQCzFq5yUfGxNy4s7z9i6KkV7hJwkw0Ujx+ggqdH06lSE2+37udQ8+mA1bEXFaMD2Zco3C7OnluxUAdkbC3phqeUr5vFg4SP7WrOtn9SQCnIdamV/oylwUD2ImzHL2wNgXT6VbmJr0huilfJzmAcSnrHHIn7IvKcLu45uuyTy9GecSvb0C1Lx9lHf/cGB0KZf/MnimRklkeK1ez9fzL5gcccfNZJwYsmDZNHFAdlnlWGqoEGiH79ys5GwlQmpnrs5N27QSDHQe4O6+rb1KoHXN/sFA7l0="	
pgid: "1002214823010107521"	

Response Description

01	merchant_id	Description	Merchant Id Provided by
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	16
		Sample value	M00012
02	txn_id	Description	Merchant's unique Txn Reference Number received in Request
		Mandatory	Y
		Type	AN
		Min Length	1
		Max Length	32
		Sample value	2018080112045
03	pg_ref_id	Description	's Unique Transaction Reference Number generated against Merchant's Txn Id
		Mandatory	Y
		Type	AN
		Min Length	18
		Max Length	18
		Sample value	2018111102102222
04	txn_date_time	Description	Txn Date and Time received in Request
		Mandatory	Y
		Type	Date Time
		Min Length	19
		Max Length	19
		Sample value	yyyy-MM-dd HH:mm:ss (2018-08-01 12:10:35)
05	trans_status	Description	Transaction Status
		Mandatory	Y

		Type	A
		Min Length	1
		Max Length	2
		Sample value	F(Fail)/To(Time Out)/Ok(Success)
06	txn_amount	Description	Transaction Amount received in Request
		Mandatory	Y
		Type	N
		Min Length	2
		Max Length	6
		Sample value	100.00
07	resp_code	Description	Response Code
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	5
		Sample value	00000
09	resp_message	Description	Response Message based on the Response received from Service Provider/Bank
		Mandatory	Y
		Type	AN
		Min Length	10
		Max Length	200
		Sample value	Transaction Successful/No Error etc.
09	bank_ref_id	Description	Transaction Reference Number received from Service Provider/Bank
		Mandatory	Y
		Type	AN
		Min Length	Undefined

		Max Length	Undefined
		Sample value	BNK2018121
10	resp_date_time	Description	Date and Time when sent the Response to Merchant
		Mandatory	Y
		Type	Date Time
		Min Length	19
		Max Length	19
		Sample value	yyyy-MM-dd HH:mm:ss (2018-08-01 12:10:35)
11	cust_email_id	Description	Email id of the customer received in Request
		Mandatory	Y
		Type	AN
		Min Length	8
		Max Length	50
		Sample value	abc@abc.com
12	cust_mobile_no	Description	Mobile Number of the customer received in Request
		Mandatory	Y
		Type	N
		Min Length	10
		Max Length	10
		Sample value	9876588877
13	payment_mode	Description	Payment Mode of the Transaction
		Mandatory	Y
		Type	A
		Min Length	2
		Max Length	2
		Sample value	NB/CC/DC/UPI

Status API

URL : http://3.108.21.243:8080/paytest/getTxnDetails
METHOD : POST
HEADER : 'Content-Type: application/x-www-form-urlencoded'

01	merchantId	Description	Unique merchant id provided by
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	16
		Sample value	M00012
02	txnId	Description	Merchant's Unique Transaction Reference Number
		Mandatory	Y
		Type	AN
		Min Length	1
		Max Length	32
		Sample value	77983779999

PHP example:

```php
<?php
$curl = curl_init();
curl_setopt_array($curl, array(
  CURLOPT_URL => 'http://3.108.21.243:8080/paytest/getTxnDetails',
  CURLOPT_RETURNTRANSFER => true,
  CURLOPT_ENCODING => '',
  CURLOPT_MAXREDIRS => 10,
  CURLOPT_TIMEOUT => 0,
  CURLOPT_FOLLOWLOCATION => true,
  CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
  CURLOPT_CUSTOMREQUEST => 'POST',
  CURLOPT_POSTFIELDS => 'merchantId=M00005017&txnId=68245',
  CURLOPT_HTTPHEADER => array(
    'Content-Type: application/x-www-form-urlencoded'
  ),
));
$response = curl_exec($curl);
curl_close($curl);
echo $response;
?>
```

JAVA- EXAMPLE(ok-HTTP)

```java
OkHttpClient client = new OkHttpClient().newBuilder()
  .build();
MediaType mediaType = MediaType.parse("application/x-www-form-urlencoded");
RequestBody body = RequestBody.create(mediaType, "merchantId=M00005017&txnId=68245");
Request request = new Request.Builder()
  .url("http://3.108.21.243:8080/paytest/getTxnDetails")
  .method("POST", body)
  .addHeader("Content-Type", "application/x-www-form-urlencoded")
  .build();
Response response = client.newCall(request).execute();
```

NODE JS AXIOS:

```javascript
var axios = require('axios');
var qs = require('qs');
var data = qs.stringify({
  'merchantId': 'M00005017',
  'txnId': '68245'
});
var config = {
  method: 'post',
  url: 'http://3.108.21.243:8080/paytest/getTxnDetails',
  headers: {
    'Content-Type': 'application/x-www-form-urlencoded'
  },
  data : data
};
axios(config)
.then(function (response) {
  console.log(JSON.stringify(response.data));
})
.catch(function (error) {
  console.log(error);
});
```

Encrypted Response

OL8mh54iComQXexqKFVBRbvPsfeQ30l5Yo5RPefrYeQ1JnFo356ooXJtnK32ffHKxtyYG4x1xE7XjRhnHM3LaLbc
Oj4dG7BGvlO2jiW+I31n/gFnB2GokFk0YQNEIYmd6VLvWE8/uQMJyDr2g8utwN4abCB71O5PBY+w9uHk6XdQ
mrluEJhSXPJEaUwN95qfbFh6yWkNjpa0RdfSAQf8MFOqiw4/dFCKm5/FCYtJjekwvxEBw7lEDYSCzx7sHlAAmJ9
oO9Isew6Jz4gAHG9+j49yvAxve6DTwMqCQp4S5v3X8ZbmIUacLbRDzFBsVvYGODauv3PB5ILJlHWVSO8vsWK
pZ01HHVMoO5JFBkW1YpK41Lnh3bbCdPoLh8brfE0Xu/+2muhNNhnWQDipbxF9ev/nkptxVEFJP5A/k87KTvR
mRHwyDg6B5YQVAesJE3SAXVCuf0rF9iq1DERmBltMOQ2VJ4VB60G6VUlpaTjUPv6dgdJvuZITlbmJSBYetqjmx
aDYjAS3F/RVaSi09kubLHG1FjnLTUQwQ8ZjEvScROM4QBp5JYOFWInurBFHCYqAVEVtN+dIHBZOw3K183HyIg
==

Decrypted Response

{"payment_mode":"NB","resp_message":"Transaction
Successful.","udf5":"NA","cust_email_id":"test@test.com","udf3":"NA","merchant_id":"M00005017","txn
_amount":"1.00","udf4":"NA","udf1":"NA","udf2":"NA","pg_ref_id":"1002214819160527513","txn_id":"68
245","resp_date_time":"2022-05-28
19:16:54","bank_ref_id":"280520221653745612777","resp_code":"00000","txn_date_time":"2022-05-28
19:16:52","trans_status":"Ok","cust_mobile_no":"9876543210"}

RESPONSE DESCRIPTION

01	merchant_id	Description	Merchant Id Provided by
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	16
		Sample value	M00012

02	txn_id	Description	Merchant's unique Txn Reference Number received in Request
		Mandatory	Y
		Type	AN
		Min Length	1
		Max Length	32
		Sample value	2018080112045
03	pg_ref_id	Description	's Unique Transaction Reference Number generated against Merchant's Txn Id
		Mandatory	Y
		Type	AN
		Min Length	18
		Max Length	18
		Sample value	2018111102102222
04	txn_date_time	Description	Transaction Date Time
		Mandatory	Y
		Type	Date Time
		Min Length	19
		Max Length	19
		Sample value	YYYY-MM-dd HH:mm:ss(2018-08-01 12:10:35)

05	trans_status	Description	Transaction Status
		Mandatory	Y
		Type	A
		Min Length	1
		Max Length	2
		Sample value	F(Fail)/To(Time Out)/Ok(Success)
06	txn_amount	Description	Transaction amount

		Mandatory	Y
		Type	N
		Min Length	2
		Max Length	6
		Sample value	100.00
07	resp_code	Description	Response Code
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	5
		Sample value	00000
08	resp_message	Description	Response Message based on the Response received from Service Provider/Bank
		Mandatory	Y
		Type	AN
		Min Length	10
		Max Length	200
		Sample value	Transaction Successful/No Error etc.
09	bank_ref_id	Description	Transaction Reference Number received from Service Provider/Bank

		Mandatory	Y
		Type	AN
		Min Length	Undefined
		Max Length	Undefined
		Sample value	BNK2018121

Note: For timeout transactions, if transaction status query is done after 20 minutes, transaction status response will not be fetched. In this case, you have to consider this transaction as Failed. This is to say that when you get "trans_status":"NA" & "resp_code":"NA" in dual verification response please consider these transactions as failed transactions.

Refund-API

URL : http://3.108.21.243:8080/paytest/refundRequest
METHOD : POST

Request Parameter Description:

01	merchantId	Description	Unique merchant id provided by
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	16
		Sample value	M00012
02	txnId	Description	Merchant's Unique Transaction Reference Number
		Mandatory	Y
		Type	AN
		Min Length	1
		Max Length	32
		Sample value	77983779999
03	pgRefId	Description	's Unique Transaction Reference Number generated against Merchant's Txn Id
		Mandatory	N
		Type	AN
		Min Length	18
		Max Length	18
		Sample value	2018111102102222
04	refundAmount	Description	Amount to be refunded
		Mandatory	Y
		Type	N

		Min Length	2

Sample JSON request:

{"txnId":"68245","refundAmount":"1"}

Encrypted JSON request:

r2105sQl7gc6BYBI4j2SG5aI9lcqs3luYmaUb+R1G31n2hqe1lo9cV5ZWoaG3SBL

Final Request needed to be posted

```
{
    "merchantId":"M00005017",
    "encData":"r2105sQl7gc6BYBI4j2SG5aI9lcqs3luYmaUb+R1G31n2hqe1lo9cV5ZWoaG3SBL"
}
```

PHP example:

```php
<?php
$curl = curl_init();
curl_setopt_array($curl, array(
  CURLOPT_URL => 'http://3.108.21.243:8080/paytest/refundRequest',
  CURLOPT_RETURNTRANSFER => true,
  CURLOPT_ENCODING => '',
  CURLOPT_MAXREDIRS => 10,
  CURLOPT_TIMEOUT => 0,
  CURLOPT_FOLLOWLOCATION => true,
  CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
  CURLOPT_CUSTOMREQUEST => 'POST',
  CURLOPT_POSTFIELDS =>'{
    "merchantId":"M00005017",
    "encData":"r2105sQl7gc6BYBI4j2SG5aI9lcqs3luYmaUb+R1G31n2hqe1lo9cV5ZWoaG3SBL"
}',
  CURLOPT_HTTPHEADER => array(
    'Content-Type: application/json'
  ),
));
$response = curl_exec($curl);
curl_close($curl);
echo $response;
?>
```

JAVA-(okHTTP):

```java
OkHttpClient client = new OkHttpClient().newBuilder()
  .build();
MediaType mediaType = MediaType.parse("application/json");
RequestBody body = RequestBody.create(mediaType, "{\r\n    \"merchantId\":\"M00005017\",\r\n
\"encData\":\"r2105sQl7gc6BYBI4j2SG5aI9lcqs3luYmaUb+R1G31n2hqe1lo9cV5ZWoaG3SBL\"\r\n}");
Request request = new Request.Builder()
  .url("http://3.108.21.243:8080/paytest/refundRequest")
  .method("POST", body)
```

```
    .addHeader("Content-Type", "application/json")
    .build();
Response response = client.newCall(request).execute();
```

Node-JS(Axios)

```javascript
var axios = require('axios');
var data = JSON.stringify({
  "merchantId": "M00005017",
  "encData": "r2105sQl7gc6BYBI4j2SG5aI9lcqs3luYmaUb+R1G31n2hqe1lo9cV5ZWoaG3SBL"
});
var config = {
  method: 'post',
  url: 'http://3.108.21.243:8080/paytest/refundRequest',
  headers: {
    'Content-Type': 'application/json'
  },
  data : data
};
axios(config)
.then(function (response) {
  console.log(JSON.stringify(response.data));
})
.catch(function (error) {
  console.log(error);
});
```

Encrypted Response :

Fhzed5LT7HY3nUCfzW3o3FlW0hqSVwEnNE7uXYes0elNiH9Zrv5DtFxs6n3j5eX6q+e767UK23PFoNPYsWIiRJ7
/NWYSpGbwBKbX8AKriCZ0u0d1hn47q2YxjO6gOB7C0Ht8IpV52fB7NLUtfhz5x4hf8sPgY/TSUF3hvOSKwg4HP
0rtWsp5Qi6NABFGQj5CpTRBIRPHBT+tjuipaHWhv1nyLH7LRFeqybmigi9ABr+4yXPfSZFZOBgkeb6gGhTsuAO
WhFuRZmnmTf5anBxysOYDl8NSCqOoNflCx/pj3uXzyBMBVhoqUnTzqFqmOJh0+0lHjnWEuKtxGEZ3xHASiA==

Decrypted Response:

{"txn_id":"","refund_type_status":"NA","addedBy":"","resp_message":"Required parameter is missing or blank.","resp_code":"RF006","refund_amount":"","merchant_id":"M00005017","txn_amount":"NA","refundRequestId":"","pg_ref_id":"NA","rrn":"NA"}

Response Description :

01	merchant_id	Description	Merchant Id Provided by
		Mandatory	Y

		Type	AN
		Min Length	5
		Max Length	16

		Sample value	M00012
02	txn_id	Description	Merchant's unique Txn Reference Number received in Request
		Mandatory	Y
		Type	AN
		Min Length	1
		Max Length	32
		Sample value	2018080112045
03	pg_ref_id	Description	's Unique Transaction Reference Number received in Request
		Mandatory	Y
		Type	AN

		Min Length	18
		Max Length	18
		Sample value	2018111102102222
04	refund_amount	Description	Refund Amount received in Request
		Mandatory	Y
		Type	N

		Min Length	2
		Max Length	6
		Sample value	100.00
05	txn_amount	Description	Transaction amount
		Mandatory	Y
		Type	N
		Min Length	2
		Max Length	6
		Sample value	100.00
06	refund_type	Description	Partial Refund or Full Refund
		Mandatory	Y
		Type	A
		Min Length	2
		Max Length	3
		Sample value	PR/FR
07	resp_code	Description	Response Code
		Mandatory	Y
		Type	AN
		Min Length	5
		Max Length	5
		Sample value	RF000

08	resp_message	Description	Refund Response Message
		Mandatory	Y
		Type	AN
		Min Length	10
		Max Length	200

		Sample value	Refund Request Raised Successfully.
09	rrn	Description	Refund Reference Number
		Mandatory	Y
		Type	AN
		Min Length	Undefined
		Max Length	Undefined
		Sample value	BNK2018121

<u>Below is the response code and response message for the same.</u>

RF001	Transaction Id not found
RF002	Transaction is not in Success Status.
RF003	This Transaction is already full refunded.
RF004	Transaction is Pending for Settlement.
RF005	Refund amount is greater then transaction amount.
RF006	Required parameter is missing or blank.