

PHP GENERATE INVOICE



1. Introduction:

- Overview of PG Kit- Easily integrated, simplest, and secure technology for merchants that bridges your business and your customer.

2.) How to use the PG Kit:

- Step 1: Downloading the Kit
Download the PG Kit that GetEpay provides.
- Step 2: Extract the Kit
- Step 3: Further Instructions
- Click on the PG folder.
- Step 4: In the above search section, type CMD and type Enter
- Step 5: You will get the cmd and type "Code. "Then press Enter.
- Step 6: You will get the Code
- Step 7: Add this folder to your SRC folder and Pass the given Parameters.
- Step 8: You can use this function to redirect the user to PG
- Step 9: You have to pass arguments in this function

3.) API Specification:

Base URL-

Below is the API base URL's

UAT

<https://pay1.getepay.in:8443/getepayPortal/pg/generateInvoice>

Production

Will be shared with the merchant post-UAT sign off.

4.) Argument:

```
$request=array(
    "mid"=>"108",
    "amount"=>"Amount",
    "merchantTransactionId"=>"sd12121",
    "transactionDate"=>"Mon Oct 03 13:54:33 IST 2022",
    "terminalId"=>"Getepay.merchant61062@icici ",
    "udf1"=>"1234567890", // Phone number
    "udf2"=>"test@gmail.com", // Email ID
    "udf3"=>"test", // Name
    "udf4"=>"", //Optional
    "udf5"=>"",
    "udf6"=>"",
    "udf7"=>"",
    "udf8"=>"",
    "udf9"=>"",
    "udf10"=>"",
    "ru"=>$returnUrl,
    "callbackUrl"=>"",
    "currency"=>"INR",
    "paymentMode"=>"ALL",
    "bankId"=>"",
    "txnType"=>"single",
    "productType"=>"IPG",
    "txnNote"=>"Test Txn",
    "vpa"=>"Getepay.merchant61062@icici"
);
```



5.) Getepay UAT Keys:

```
"Getepay MID": "108"
"Getepay Terminal Id": "Getepay.merchant61062@icici",
"Getepay Key": "JoYPd+qso9s7T+Ebj8pi4Wl8i+AHLv+5UNJxA3JkDgY=",
"Getepay IV": "hInuyA9b4YxDq6oJSZFl8g==",
"Getepay Url": "https://pay1.getepay.in:8443/getepayPortal/pg/generateInvoice",
```

6.) To Set the Server:

- Install the Xampp
- Start the Apache & MySQL

7.) Run the Code:

- Go to the Chrome and search for the local host <http://localhost/php> // type <http://localhost/foldername>
- Then you will get the Inex page, Click on GetePayInvoicePg.php
- Payment Page is redirected

8.) Request:

Parameter	Description	Data Type	Mandatory
mid	Merchant ID	String	M
amount	Amount	String	M
MerchantTransactionId	Transaction ID of the Merchant	String	M
transactionDate	Date of Transaction	String	M
terminalId	Terminal ID	String	M
udf1	Merchant MobileNo.	String	M
udf2	Merchant Email-Id	String	M
udf3	Merchant Name	String	M
udf4	User define field	String	O
udf5	User define field	String	O
udf6	Reserved Field (Split)	String	R
udf7	User define field	String	O
udf8	User define field	String	O
udf9	User define field	String	O
udf10	User define field	String	O
ru	Return URL	String	M
callbackUrl	Call Back URL	String	O
currency	INR	String	M
paymentMode	Mode of Payment	String	M
bankId	Bank ID	String	O
txnType	Type of Transaction	String	M
productType	Type of Product	String	M
txnNote	Note/Remarks	String	O
vpa	Virtual PaymentAddress (Terminal ID)	String	M

According to the argument passed, the user will be redirected to PG-----

9.) Request & Response Format:

Below is the request format:

```
{
  "mid": <Provided by Getepay>,
  "terminalId": <Provided by
Getepay>,
  "req": <Hex encoded AES/CBC encrypted json request>,
}
```

Below is the response format:

```
{
  "mid": <Provided by Getepay>,
  "terminalId": <Provided by
  Getepay>, "status": <status of
  request>, "message":
  <success/error message>,
  "res": <Hex encoded AES/CBC encrypted json request>
}
```

10.) Response:

Parameter	Description	Data Type
paymentId	Payment Id	String
paymentUrl	Payment Page	String
qrIntent	QR intent URL	String
qr	DynamicQR Image	String
token	Generated Token	String
qrpath	OR Path URL	String

11.) Decrypted Response Format:

```
{
  paymentId: '19246746',
  paymentUrl: 'https://pay1.getepay.in:8443/getepayPortal/pg/payment?token=53f21997-53bb-4e4b-9876-28e9d78c0192',
  qrIntent:
'upi://pay?pa=Getepay.gpdr.00025248@icici&mam=105.36&am=105.36&pn=Eshiksa Branch&tr=GETgpdr025248',
  qr: '/media/shared/dynamicqrpath/gpdr.00025248.png',
  token: '53f21997-53bb-4e4b-9876-28e9d78c0192',
  qrPath:
'https://pay1.getepay.in:8443/getepayPortal/apis/showQrCode3?qrCode=L21lZGIhL3NoYXJlZC9keW5hbWljcXJwYXRoL2dwZHIuMDAwMjUyNDgucG5n'
}
```

12.) Encryption/Decryption:

Getepay uses AES/CBC encryption with hex-encoded for data communication. Below is the way to generate the actual request and response.

- Generate the respective API request.
- Convert the request in JSON string.
- Encode the request with **AES/CBC/PKCS5Padding** using the Getepay provided key and iv.
- Convert the output into a hex string
- Set the hex-encoded string in the “req” or “res” parameter.

Encryption Logic:

```
$json_requset = json_encode($request);  
$key = base64_decode('6BT2gKqvj2sBgQmBlwl+LDf99XnqvP7QLB4T16joXdE=');  
$iv = base64_decode('jUNZ1st39/so6DNzOZf/oA=='); // Encryption Code //  
$ciphertext_raw = openssl_encrypt($json_requset, "AES-256-CBC", $key,  
$options = OPENSSL_RAW_DATA, $iv);  
$ciphertext = bin2hex($ciphertext_raw);  
$newCipher = strtoupper($ciphertext);
```

Decryption Logic:

```
$key = base64_decode('JoYPd+qso9s7T+Ebj8pi4WI8i+AHLv+5UNJxA3JkDgY=');  
$iv = base64_decode('hlnuyA9b4YxDq6oJSZFI8g=='); $result = $_POST['response'];  
$ciphertext_raw = hex2bin($result);  
$original_plaintext = openssl_decrypt($ciphertext_raw, "AES-256-CBC", $key,  
$options=OPENSSL_RAW_DATA, $iv);  
$data = json_decode($original_plaintext);  
$json = json_decode($data);
```

13.) Response Handling

After making the payment you can handle the response in the following two ways:-

- 1.) You can use our Return URL it will redirect to the receipt.

For UAT:

<https://pay1.getepay.in:8443/getepayPortal/pg/pgPaymentResponse>

For Portal:

<https://portal.getepay.in:8443/getepayPortal/pg/pgPaymentResponse>

- 2.) If you are using your RU (Return URL) you can use the below sample for your reference:

<?php

```
$key = base64_decode('JoYPd+qso9s7T+Ebj8pi4Wl8i+AHLv+5UNJxA3JkDgY=');
$iv = base64_decode('hlnuyA9b4YxDq6oJSZF18g');

$result = $_POST['response'];
$ciphertext_raw = hex2bin($result);
$original_plaintext = openssl_decrypt($ciphertext_raw, "AES-256-CBC", $key,
$options=OPENSSL_RAW_DATA, $iv);
$json = json_decode($original_plaintext);
print_r($json);exit;
?>
```

14.) Sample Decrypted Response (After Payment):

```
{"getepayTxnId":"19246958","mid":"108","txnAmount":"100.0","txnStatus":"SUCCESS",
"merchantOrderNo":"sd12121","udf1":"1234567890","udf2":"mailto:test@gmail.
com","udf3":"Test","udf4":"","udf5":"","udf6":"","udf7":"","udf8":"","udf9":"","udf1
0":"","udf41":"http://localhost:8080/success_payment","custRefNo":"","paymentM
ode":"DC","discriminator":"L21IZGIhL3NoYXJlZC9keW5hbWljcXJwYXRoL2dwZHluMD
AwMjUzODlucG5n","message":"","paymentStatus":"SUCCESS","txnDate":"2024-08-
02 11:23:59","surcharge":"","totalAmount":"102.36"}
```

15.) How To Use Split Payment Option:

Step 1- Encode the below data using base64 Platform

Step 2- After encoding set encoded data in udf 6 which is mentioned in the code.

Step 3- set txnType: "multi",

Note: The amount mentioned in the code below should be the total sum in the PG Code.

```
<products>
  <product>
    <code>Code001</code>           //Set product Id
    <name>ACC1</name>             // Set Name
    <amount>100</amount>         //Set amount
  </product>
</products>
```

