

Payment Asia

Payment Gateway Integration Guide

For

China Union Pay (v2)

Document Status	Approved
Last Updated	2013-05-24
Version	1.2.3

Revision History

Revision	Date	Description
1.0	2011-09-06	Initial Document Template
1.1	2011-11-03	Add parameter "customerEmail" Add parameter "token" in data feed
1.2	2012-04-16	Add parameter "customerName", "customerTel" and "customerProduct"
1.2.1	2012-07-19	Add China Union Pay integration gateway
1.2.2	2013-02-15	Modify Integration gateway ID
1.2.3	2013-05-24	Modify program code

Payment Request

Payment Request URL	https://www.pa-sys.com/pg/payment.php	
Payment Request Method	Parameters must be sent via HTTP POST method	
Payment Request Parameters		
Parameter	Type	Description
merchantId	Number(8)	Payment Asia Merchant ID
successUrl	URL	Shopper will be redirected to this URL after payment is successes. Please verify payment status using Data Feed URL instead of successURL
failUrl	URL	Shopper will be redirected to this URL after payment is failed
orderRef	Text (30)	Merchant’s Order Reference Number Reference Number must be start with the “merchant reference title” plus a “_” . e.g. abc_12345
amount	Number(8,2)	Amount to be processed
currCode	Text (3)	The currency of the payment i.e. "156" – RMB
lang	Text (2)	The language of payment page: “Tc” - Traditional Chinese “Sc” – Simplified Chinese “En” - English
gatewayId	Text(2)	Gateway ID i.e. “23” – China Union Pay Integration “40” – China Union Pay Production
customerEmail	String (255)	Payment receipt will be sent to customer email
customerName	String(255)	Customer name
customerTel	String(255)	Customer contact phone number
customerProduct	String(255)	Product name of this transaction
Optional Request Parameters		
Parameter	Type	Description
remark	String (255)	A remark field for you to store additional data that will not show on the transaction web page.

Sample Submission Form

```
<form action='https://www.pa-sys.com/pg/payment.php' method="post">
<input name="merchantId" type="hidden" value="" />
<input name="successUrl" type="hidden" value="" />
<input name="failUrl" type="hidden" value="" />
<input name="orderRef" type="hidden" value="" />
<input name="amount" type="hidden" value="" />
<input name="currCode" type="hidden" value="" />
<input name="lang" type="hidden" value="" />
<input name="gatewayId" type="hidden" value="" />
<input name="customerEmail" type="hidden" value="" />
<input name="customerName" type="hidden" value="" />
<input name="customerTel" type="hidden" value="" />
<input name="customerProduct" type="hidden" value="" />
<input name="remark" type="hidden" value="" />
<input type="submit" value="Submit" />
</form>
```

Payment Respond

Merchant is required to setup Data Feed URL at the merchant admin panel. In order to ensure merchant can receive the payment result notification, payment result will be sent via http POST from payment server directly to merchant's Data Feed URL.

This is independent with the action of redirect shoppers to successURL after payment is done. In case shoppers cannot be redirected successfully to your successURL, you can still receive payment result at your Data Feed URL.

Print out 2 characters 'OK' (without spacing or line(s) in front or after 'OK') in your Data Feed Page to notify us you have received the payment result.

To make sure data feed is sent from Payment Asia, merchant can setup security token in merchant panel. When data feed is received, parameter "token" is attached.

Token = md5(orderRef + successcode + amount + security token)

Encrypt values and compare parameter "token" to make sure both are the same.

Return parameters via Data Feed URL**How to setup Data Feed URL?**

Login to <https://www.pa-sys.com/merchant/index.php> and click “Merchant Information” -> “Merchant Management”.

Enter your Data Feed URL and press “Submit”.

Payment Respond Method	Parameters will be sent via HTTP POST method
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Return parameters

<u>Parameter</u>	<u>Type</u>	<u>Description</u>
successcode	Text (1)	“0” – Payment Success “1” – Payment Fail A value other than “0” or “1” means error.
orderRef	Text (30)	Merchant’s Order Reference Number
transaction_num	Text (30)	Payment Reference Number
amount	Number	Transaction Amount
currCode	Text (3)	Currency of Transaction i.e. “156” – RMB
remark	Text	Remark of transaction
reason	Text	Reason of transaction if it failed
token	Text	md5 encrypted string.

Sample Data Feed Page

```
<?php
// Print out 'OK' to notify us you have received the payment result
echo "OK";

//compare security token
$security_code = "paymentasia";
If (md5($_POST['orderRef'] . $_POST['successcode'] . $_POST['amount'] .
$security_code) == $_POST['token'])
{
    if ($_POST['successcode'] == "0"){
        // Transaction Accepted
        // *** Add the Security Control here, to check the currency, amount with
        the merchant's order
        // reference from your database, if the order exist then accepted.
        // Update your database for Transaction Accepted and send email or notify
        your customer.
    }else{
        // Transaction Rejected
        // Update your database for Transaction Rejected
    }
}

?>
```