

# Merchant Integration Manual

V1.0.1



## Merchant Integration Manual

### Session I: Payment API

This API is used for Online Payment transaction.

### Session 1.1: Request to NextPos Online Payment API

#### 1. Creating the HTML Code via Server to server form Post

```
<Form method=post action="https://www.nextpos.asia/pgw/online/Payment.aspx">
<Input Type="Hidden" Name="merID" value="122211">
<Input Type="Hidden" Name="einv" value="testInvoice001">
<Input Type="Hidden" Name="amt" value="1">
<Input Type="Hidden" Name="c_Email" value="1231111000">
<Input Type="Hidden" Name="product" value="Test Product">
<Input Type="Hidden" Name="return_url" value="1">
<input type="image" border="0" name="submit" alt="NextPos Secured Payment!">
</Form>
```

#### 2. NextPos Backend URL (it is fixed)

Merchant has submit NextPos URL via Form Post.

(<https://www.nextpos.asia/pgw/online/Payment.aspx>)

Detailed descriptions of the above parameters are explained in the following table.

**Table 1.1**

No	Variable	Data Type	Length	Description	Remark
1	merID	Character		Merchant ID, issued by NextPos	Merchant ID issued by NextPos
2	einv	Character	Max: 50	Invoice No	Unique Invoice No issued by merchants
3	amt	Decimal		Amount	The Product amount
4	c_Email	Digit		Client Unique ID	Customer Email
5	product	Character	Max: 50	Product Name	Product Name

6	return_url	Character		Merchant Redirect URL	URL to redirect back to merchant once the payment is done.
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## Session 1.2: Notification from NextPos Payment Service Provider

NextPos System will return the following responses to merchant, once the payment is done, via server to server Form Post Method.

The following Parameters will be returned (to update the transaction status) to the merchant.

No	Variable	Data Type	Length	Description	Remark
1	[[NextPos Response ID]]	Character	Max: 3	Fixed value	099 – Failed / Error 000 – Success Note: Please change the transaction status, based on this variable value.
2	einv	Character	Max: 50	Invoice No	Unique invoice no. issued by NextPos  It will be the reference and one of the search key on NextPos Merchant Report  A unique reference to reconcile between Merchant and NextPos
3	amt	Decimal		Amount	Same product amount entered on CUPe Device
4	merlD	Character	Max: 50	Merchant ID, registered at NextPos	Merchant ID issued by NextPos
5	refCode	Character	12	Reference Code for Payment Transaction	Reference Code for Payment Transaction in case the transaction needs to be traced  Note: Please convert Base64String to Normal ASCII String when it is received Note: if the converted value is 000000000000, it is a problematic transaction, please contact NextPos.
6	mark	Hex String		MD5 is a one way encryption method	Another security parameter to prevent from hacking.  MD5 encryption string which needs to be compared for confirmation.  Prepare the MD5 string and

					compare it with mark* before approving the transaction.
7	cashFee	Character		Amount	CNY Amount that customer paid
8	transactionID	Character		Transaction ID	Transaction ID from the Gateway/ Bank
9	errMessage	Character		Error Message	Error Description  Note: it is returned when transaction status is failed.

### Acknowledgement

Below are the actions, need to be taken, on the receiving of the backend response/server to server response. It is to prevent to occur the missing deposits between merchant and NextPOS.

1. Merchant has to return acknowledgement notification by writing “00” on the blank page. (Merchant’s Backend URL has to be blank.)
2. Nextpay system will send repeat another 3 times until “00” notification is received.

**Note 1: How to construct the MD5 string**

\* mark = MD5(Normal refCode (not Base64String) + einv + merchant’s response password + [[NextPos Response ID]] + [[NextPos Response ID]]’s value + amt.ToString("#,##0.00"))

Note 2: NextPos Response ID and Merchant Response Password will be provided by NextPos when Merchant ID is issued.

Note 3: NextPos Server IP address, 61.90.198.167, to be checked on the backend URL for security reason.