

VERSION 1.13.0

22 March 2016

NICEPAY LITE

Merchant Integration

CONFIDENTIAL

Confidentiality

The information in this document is confidential to the person or company to whom it is addressed and should not be disclosed to any other person. It may not be reproduced in whole, or in part, nor may any of the information contained therein be disclosed without the prior consent of the directors of PT IONPAY NETWORKS. A recipient may not solicit, directly or indirectly (whether through an agent or otherwise) the participation of another institution or person without the prior approval of the directors of the PT IONPAY NETWORKS. Any form of reproduction, dissemination, copying, disclosure, modification, distribution and or publication of this material is strictly prohibited.

REVISION HISTORY

Version	Date	Description	Author	Approved by
1.11.0	09-Mar-2016	Initial Release	Arif Budiman	Yong Woon Kim
1.12.0	16-Mar-2019	Credit Card - Add field paymentExpDt - Add field paymentExpTm - Update notification-handler.php	Arif Budiman	Yong Woon Kim
1.13.0	22-Mar-2019	Bug Fix - Fix Connection Timeout error in lib/NicepayApiRequestor.php - Add 5 times auto retry when timeout - Add example error handling in checkout.php	Arif Budiman	Yong Woon Kim



TABLE OF CONTENTS

1.	Produc	t Overview and Features	4
	1.1.	Product Overview	4
	1.2.	Integration Process	4
	1.3.	Prerequisites	4
	1.4.	Inquiry	4
2.	Paymei	nt Flow	5
	2.1.	Credit Card	5
	2.2.	Virtual Account	6
3.	Paymei	nt Integration	7
	3.1.	NICEPay Object	7
	3.2.	NICEPay Payment	8
	3.3.	NICEPay Notification	16
	3.4.	NICEPay Order Status (notification-handler.php)	16
	3.5.	NICEPay Cancel VA (cancel-va.php)	20
	3.6	NICEPay Code	22



NICEPay System Development				
SYSTEM Merchant integration Write Date 2016.03.22				
TASK	Document	Version	1.13.0	

1. Product Overview and Features

1.1. Product Overview

NICEPAY Payment Solution is a product of PT IONPAY NETWORKS that provide various electronic payment over the Internet safely without separate security device. NICEPAY have integrate with Banks host to host connection for better and faster performance. Using latest technology, NICEPAY confidence to grow your business together.

1.2. Integration Process

- 1. Understanding SDK, Parameters and Payment Flow
- 2. Explore API Operation Calls
- 3. Integration
- 4. Implementation Test (Development Environment)
- 5. Request Production MID and API Key
- 6. Go Live

1.3. Prerequisites

- 1. Test MID
- 2. Test API Key
- 3. NICEPAY LITE PHP SDK

1.4. Inquiry

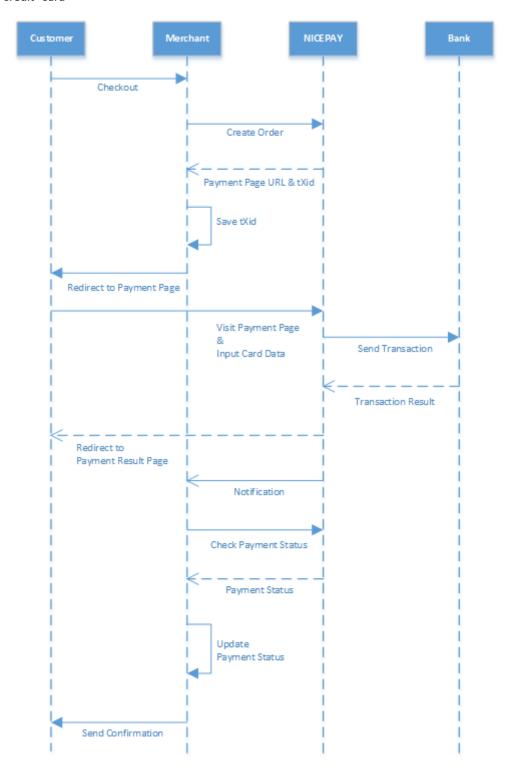
Have any inquiry? Please contact us: it.support@ionpay.net



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

2. Payment Flow

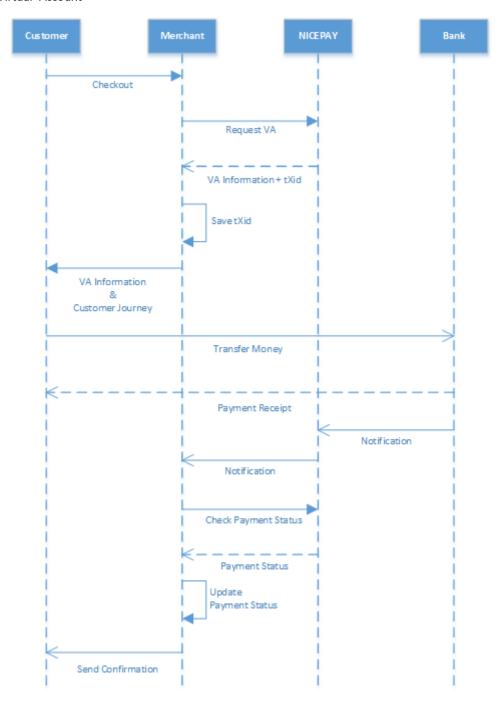
2.1. Credit Card





NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

2.2. Virtual Account





NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

3. Payment Integration

3.1. NICEPay Object

• Merchant Registration

Before using NICEPay System, Merchant should register NICEPay Service. Contact NICEPay representative.

Credential	Description	
iMid	Merchant ID	
encodeKey	Merchant API Key	

Files provided

File	Description
NICEPay-PHP-Lite-113.zip	NICEPay library
NICEPAY Direct For PHP_v1.13_English.pdf	Documentation (this document)

Configuration (lib/NicepayConfig.php)

```
1.
    Setting Global Parameters of NICEPAY Payment
3.
   define("NICEPAY_IMID",
                                       "IONPAYTEST"); // Merchant ID
   define("NICEPAY_MERCHANT_KEY",
                                       "33F49GnCMS1mFY1GXisbUDzVf2ATWC19k3R++d5hDd3Frmuos/XLx8XhXpe+LDYAb
    pGKZYSwtlyyLOtS/8aD7A=="); // API Key
define("NICEPAY_CALLBACK_URL",
                                       "http://httpresponder.com/nicepay"); // Merchant's result page URL
define("NICEPAY_DBPROCESS_URL",
                                       "http://httpresponder.com/nicepay"); // Merchant's notification ha
    ndler URL
8.
    /* TIMEOUT - Define as needed (in seconds) */
10. define( "NICEPAY_TIMEOUT_CONNECT", 15 );
11. define( "NICEPAY_TIMEOUT_READ", 25 );
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

3.2. NICEPay Payment

Payment URL

API URL	https://www.nicepay.co.id/nicepay/api/orderRegist.do
method	POST
Description	Credit Card, Virtual Account Payment API

Set NICEPay Payment Parameter

```
1.
    $nicepay = new NicepayLib();
2.
3. function generateReference()
4. {
5.
        $micro_date = microtime();
    $date_array = explode(" ",$micro_date);
      $date = date("YmdHis",$date_array[1]);
     det[0] = preg_replace('/[^\p{L}\p{N}\s]/u', '', dete_array[0]);
8.
        return "Ref".$date.$date_array[0].rand(100,999);
9.
10. }
11. /*
12. *
13.
    * Virtual Account Payment Method
15.
16. */
17.
        if(isset($_POST['payMethod'])
            && $_POST['payMethod'] == '02'
18.
            && isset($_POST['bankCd'])
19.
            && $_POST['bankCd']
20.
21.
22.
23.
            $bankCd
                        = $_POST['bankCd'];
                          = date('Ymd');
24.
            $dateNow
25.
            vaExpiryDate = date('Ymd', strtotime($dateNow . ' +1 day')); // Set VA expiry date +1 day (option)
    nal)
26.
27.
            \ensuremath{//} Populate Mandatory parameters to send
```

NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
28.
            $nicepay->set('payMethod', '02');
29.
            $nicepay->set('currency', 'IDR');
            $nicepay->set('amt', 12000); // Total gross amount
30.
31.
            $nicepay-
    >set('referenceNo', generateReference()); // Invoice Number or Referenc Number Generated by merchant
32.
            $nicepay->set('description', 'Payment of Invoice No '.$nicepay-
    >get('referenceNo')); // Transaction description
33.
            $nicepay->set('bankCd', $bankCd);
34.
            $nicepay->set('billingNm', 'John Doe'); // Customer name
35.
            $nicepay->set('billingPhone', '02112345678'); // Customer phone number
37.
            $nicepay->set('billingEmail', 'john@example.com'); //
            $nicepay->set('billingAddr', 'Jl. Jend. Sudirman No. 28');
38.
            $nicepay->set('billingCity', 'Jakarta Pusat');
39.
            $nicepay->set('billingState', 'DKI Jakarta');
40.
41.
            $nicepay->set('billingPostCd', '10210');
42.
            $nicepay->set('billingCountry', 'Indonesia');
43.
            $nicepay->set('deliveryNm', 'John Doe'); // Delivery name
44.
            $nicepay->set('deliveryPhone', '02112345678');
45.
46.
            $nicepay->set('deliveryEmail', 'john@example.com');
            $nicepay->set('deliveryAddr', 'J1. Jend. Sudirman No. 28');
47.
48.
            $nicepay->set('deliveryCity', 'Jakarta Pusat');
49.
            $nicepay->set('deliveryState', 'DKI Jakarta');
            $nicepay->set('deliveryPostCd', '10210');
50.
            $nicepay->set('deliveryCountry', 'Indonesia');
51.
52.
53.
            $nicepay->set('vacctVaildDt', $vaExpiryDate); // Set VA expiry date example: +1 day
54.
            $nicepay->set('vacctVaildTm', date('His')); // Set VA Expiry Time
55.
56.
            // Send Data
57. //
              var_dump($nicepay->requestData);
58.
            $response = $nicepay->requestVA();
59.
60. //
              var_dump($response);
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
61. //
              exit();
62.
            // Response from NICEPAY
63.
            if (isset($response->resultCd) && $response->resultCd == "0000") {
            echo "";
65.
66.
            echo "tXid
                                    : response \rightarrow tXid (Save to your database to check status) n;
67.
            echo "callbackUrl
                                    : $response->callbackUrl\n";
68.
            echo "description
                                    : $response->description\n";
69.
            echo "payment date
                                    : $response->transDt\n"; // YYMMDD
70.
            echo "payment time
                                    : $response->transTm\n"; // HH24MISS
71.
            echo "virtual account
                                    : $response->bankVacctNo (For customer to transfer) \n";
72.
            echo "result code
                                    : $response->resultCd\n";
73.
            echo "result message
                                    : $response->resultMsg\n";
74.
            echo "reference no
                                    : $response->referenceNo\n";
75.
                                    : $response->payMethod";
            echo "payment method
76.
            echo "";
77.
            } elseif(isset($response->resultCd)) {
78.
                // API data not correct, you can redirect back to checkout page or echo error message.
79.
                // In this sample, we echo error message
                echo "";
80.
81.
                echo "result code
                                        :".$response->resultCd."\n";
82.
                echo "result message :".$response->resultMsg."\n";
83.
                echo "";
84.
            } else {
                // Timeout, you can redirect back to checkout page or echo error message.
85.
                // In this sample, we echo error message
86.
87.
                echo "Connection Timeout. Please Try again.";
88.
89.
90.
91. /*
92.
    * Credit Card Payment Method
94.
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
96.
97.
        elseif(isset($_POST['payMethod'])
98.
            && $_POST['payMethod'] == '01'
99.
100.
101.
102.
            // Populate Mandatory parameters to send
103.
            $nicepay->set('payMethod', '01');
104.
            $nicepay->set('currency', 'IDR');
            $nicepay->set('amt', 12000); // Total gross amount
105.
106.
            $nicepay-
    >set('referenceNo', generateReference()); // Invoice Number or Referenc Number Generated by merchant
107.
            $nicepay->set('description', 'Payment of Invoice No '.$nicepay-
    >get('referenceNo')); // Transaction description
108.
            $nicepay->set('billingNm', 'John Doe'); // Customer name
109.
110.
            $nicepay->set('billingPhone', '02112345678'); // Customer phone number
111.
            $nicepay->set('billingEmail', 'john@example.com'); //
            $nicepay->set('billingAddr', 'Jl. Jend. Sudirman No. 28');
112.
113.
            $nicepay->set('billingCity', 'Jakarta Pusat');
114.
            $nicepay->set('billingState', 'DKI Jakarta');
115.
            $nicepay->set('billingPostCd', '10210');
116.
            $nicepay->set('billingCountry', 'Indonesia');
117.
118.
            $nicepay->set('deliveryNm', 'John Doe'); // Delivery name
119.
            $nicepay->set('deliveryPhone', '02112345678');
120.
            $nicepay->set('deliveryEmail', 'john@example.com');
121.
            $nicepay->set('deliveryAddr', 'Jl. Jend. Sudirman No. 28');
122.
            $nicepay->set('deliveryCity', 'Jakarta Pusat');
123.
            $nicepay->set('deliveryState', 'DKI Jakarta');
124.
            $nicepay->set('deliveryPostCd', '10210');
125.
            $nicepay->set('deliveryCountry', 'Indonesia');
126.
127.
            // Send Data
128.
            $response = $nicepay->chargeCard();
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
129.
130.
            // Response from NICEPAY
131.
132.//
              var_dump($response);
133.//
              exit();
134.
            if (isset($response->data->resultCd) && $response->data->resultCd == "0000") {
135.
                  header("Location: ".$response->data->requestURL."?tXid=".$response->tXid);
136.//
                  please save tXid in your database
137. //
                  echo "";
138.//
                  echo "tXid
                                           : $response->tXid\n";
139.//
                  echo "API Type
                                           : $response->apiType\n";
140.//
                  echo "Request Date
                                           : $response->requestDate\n";
141. //
                  echo "Response Date
                                           : $response->requestDate\n";
142. //
                  echo "";
143.
            } elseif(isset($response->data->resultCd)) {
144.
                // API data not correct or error happened in bank system, you can redirect back to checkout pag
    e or echo error message.
145.
                \ensuremath{//} In this sample, we echo error message
146.
                // header("Location: "."http://example.com/checkout.php");
147.
                echo "";
148.
                echo "result code
                                         : ".$response->data->resultCd."\n";
149.
                echo "result message
                                        : ".$response->data->resultMsg."\n";
150.//
                 echo "requestUrl
                                           : ".$response->data->requestURL."\n";
151.
                echo "";
152.
            } else {
153.
                // Timeout, you can redirect back to checkout page or echo error message.
                \ensuremath{//} In this sample, we echo error message
154.
155.
                // header("Location: "."http://example.com/checkout.php");
156.
                echo "Connection Timeout. Please Try again.";
            }
157.
158.
159.
```

NICEPay System Development			
SYSTEM Merchant integration Write Date 2016.03.22			
TASK	Document	Version	1.13.0

• Request Parameter for Payment

Parameter	Description	Mandatory	Туре	SIZE(byte)
iMid	Merchant Id	٧	AN	10
payMethod	Pay Method	٧	AN	2
currency	currency	٧	N	3
amt	Goods amt	٧	N	12
instmntType	Installment Type	Only CC	N	2
instmntMon	Installment month	Only CC	N	2
referenceNo	Merchant Order No	٧	AN	40
goodsNm	Goods Name	٧	AN	100
billingNm	Buyer name	٧	А	30
billingPhone	Buyer Phone Number	٧	N	15
billingEmail	Buyer email	٧	AN	40
billingAddr	Buyer address	٧	AN	100
billingCity	Buyer city	٧	А	50
billingState	Billing state	٧	А	50
billingPostCd	Billing Post number	٧	N	10
billingCountry	Billing Country	٧	А	10
deliveryNm	delivery name	٧	А	30
deliveryPhone	delivery phone number	٧	N	15
deliveryAddr	delivery address	٧	AN	100
deliveryCity	delivery city	٧	А	50
deliveryState	delivery state	٧	А	50
deliveryPostCd	delivery post number	٧	N	10
deliveryCountry	delivery country	٧	А	10
IID I-I-I-I	payment result forward	-1	AN	255
callBackUrl	url (on browser)	٧		
dbProcessUrl	payment result receive	٧	AN	255
approcessori	url (server side)	V		
vat	vat	٧	N	12
fee	service fee	٧	N	12
notaxAmt	tax free amount	٧	N	12
description	description	٧	AN	100
merchantToken	merchantToken	٧	AN	255



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

reqDt	request date		N	8
reqTm	request time		N	6
reqDomain	request domain		AN	100
reqServerIP	request server ip		AN	15
reqClientVer	req client version		AN	50
userIP	user ip (customer)	٧	AN	15
userSessionID	user session id		AN	100
userAgent	user agent information		AN	100
userLanguage	user language		A	2
cartData	cart data	V	AN	4000
merFixAccid	merchant reserved VA		AN	40
merrixaccia	id			
vacctVaildDt	VA expiry date		N	8
vacctValidTm	VA expiry time		N	6
bankCd	bank code	Only VA	А	4
cardNo	card number	Only CC	N	
cardExpYymm	card expiry	Only CC	N	4
cardCvv	card cvv	Only CC	N	3
paymentExpDt	Expiry of Payment Page	Only CC	N	
	(YYMMDD)	Only CC		
paymentExpTm	Expiry of Payment Page	Only CC	N	
	(HH24MISS)	Offity CC		

• Response Parameter for Payment

Parameter	Description	Mandatory	SIZE(byte)
resultCd	result code	٧	4
resultMsg	result message	٧	255
tXid	txid	When success	30
referenceNo	order number	When success	40
authNo	Authorization number	When success - Only CC	10
bankVacctNo	VA number	When success - Only	
		VA	
amount	goods amount	When success	12
transDt	VA regist date	When success	8
transTm	VA regist time	When success	6



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

description description	When success	100
-------------------------	--------------	-----

• Cart Data Parameter for Payment (Credit Card)

Parameter	Description
count	Total card data count
item	
Item -> img_url	good's image URL (image size 50*50)
Item -> goods_name	goods name
Item -> goods_detail	goods detail
Item -> goods_amt	goods amt

Example:

JSON of cartData

```
1. {
      "count": "2",
3.
      "item": [
4.
5.
          "img_url": "http://img.aaa.com/ima1.jpg",
          "goods_name": "Item 1 Name",
6.
          "goods_detail": "Item 1 Detail",
7.
          "goods_amt": "700"
8.
9.
10.
          "img_url": "http://img.aaa.com/ima2.jpg",
11.
          "goods_name": "Item 2 Name",
12.
13.
          "goods_detail": "Item 2 Detail",
          "goods_amt": "300"
15.
        }
16.
17. }
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

Set cartData Parameter:

```
1. $nicepay-
>set('cartData', "{\"count\": \"2\",\"item\": [{\"img_url\": \"http://img.aaa.com/ima1.jpg\",\"goods_name\"
: \"Item 1 Name\",\"goods_detail\": \"Item 1 Detail\",\"goods_amt\": \"700\"},{\"img_url\": \"http://img.aa
a.com/ima2.jpg\",\"goods_name\": \"Item 2 Name\",\"goods_detail\": \"Item 2 Detail\",\"goods_amt\": \"300\"
}]}");
```

3.3. NICEPay Notification

Notification URL

Merchant notification url	https://example.com/notification (defined as dbProcessUrl in Payment API)
method	POST
Description	Transaction Notification
Merchant Token	SHA256 (Merchant ID + Transaction ID + Amount + Merchant Key)

• Notification POST Request Example

 $\label{lem:lem:http://example.com/notification?} $$ $\operatorname{tXid}_{tXid}^{ereferenceNo}_{amt={amt}\& merchantToken={m erchantToken}} $$$

• Request Parameter for Notification

Parameter	Description	Mandatory	Туре	SIZE(byte)
tXid	Transaction Id	٧	AN	30
referenceNo	Merchant Order No	٧	AN	40
amt	Goods amt	٧	N	12
merchantToken	merchantToken	V	AN	255

3.4. NICEPay Order Status (notification-handler.php)

Order Status URL

API url	https://www.nicepay.co.id/nicepay/api/onePassStatus.do	
method	POST	
Description	Order Status Inquiry	



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

• Setting NICEPay Order Status Parameter

```
$nicepay->set('tXid', $tXid);
2.
    $nicepay->set('referenceNo', $referenceNo);
    $nicepay->set('amt', $amt);
4. $nicepay->set('iMid',$iMid);
5.
6.
    $merchantToken = $nicepay->merchantTokenC();
     $nicepay->set('merchantToken', $merchantToken);
7.
8.
9.
   // <RESQUEST to NICEPAY>
10. $paymentStatus = $nicepay->checkPaymentStatus($tXid, $referenceNo, $amt);
11.
12. // <RESPONSE from NICEPAY>
13. // Please update the payment status in your database right after you get the latest payment status
14. if($pushedToken == $merchantToken) {
15.
         // Print only OK, no HTML, no UI, no beauty poem. Also make sure HTTP code = 200
16.
         echo "OK";
17.
         // \  \, \mathsf{Update} \  \, \mathsf{the} \  \, \mathsf{payment} \  \, \mathsf{status} \  \, \mathsf{in} \  \, \mathsf{your} \  \, \mathsf{database} \  \, \mathsf{based} \  \, \mathsf{on} \  \, \mathsf{\$paymentStatus} \text{-} \mathsf{StatusDescription},
18.
         // Send email notification to customer to notify payment succeed
19.
20.
         // <RESPONSE from NICEPAY>
         // Please update the payment status in your database right after you get the latest payment status
21.
         echo "";
22.
23.
         echo "$paymentStatus-
     >status\n"; // This is Payment Status main reference to update Payment Status in merchant database
24.
25.
26.
          ** Credit Card
27.
     -----
28.
           ** $paymentStatus->status == 0 // Success
           ** $paymentStatus->status == 1 // Failed
29.
30.
           ** $paymentStatus->status == 2 // Void or Refund
```

NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
31.
         ** paymentStatus \rightarrow status == 9 // Initialization or Unpaid
32.
33.
34.
35.
         ** Virtual Account
36.
37.
         ** $paymentStatus->status == 0 // Paid
         ** $paymentStatus->status == 3 // Unpaid
38.
39.
          ** $paymentStatus->status == 4 // Expired
40.
         */
41.
        echo "$paymentStatus->tXid\n";
42.
        echo "$paymentStatus->iMid\n";
43.
44.
        echo "$paymentStatus->referenceNo\n";
45.
        echo "$paymentStatus->amt\n";
46.
        // var_dump for more information
        // var_dump($paymentStatus);
47.
48.
        echo "";
49.
50. }
```

• Request Parameter for Order Status

Parameter	Description	Mandatory	SIZE(byte)
tXid	Transaction Id	٧	30
iMid	Merchant Id	٧	10
referenceNo	Merchant Order No	٧	40
amt	Goods amt	٧	12
merchantToken	merchantToken	٧	255



NICEPay System Development			
SYSTEM Merchant integration Write Date 2016.03.22			
TASK	Document	Version	1.13.0

• Response Parameter for Order Status

Parameter	Description	Mandatory	SIZE(byte)
status	Payment status	٧	1
tXid	Transaction Id	٧	30
iMid	Merchant Id	٧	10
currency	currency	٧	3
amt	Goods amt	٧	12
instmntMon	Installment month	Only CC	2
instmntType	Installment Type	Only CC	2
referenceNo	Merchant Order No	٧	40
goodsNm	Goods Name	٧	100
payMethod	Pay Method	٧	2
billingNm	Buyer name	٧	30
billingPhone	Buyer Phone Number	٧	15
billingEmail	Buyer email	٧	40
billingAddr	Buyer address	٧	100
billingCity	Buyer city	٧	50
billingState	Billing state	٧	50
billingPostCd	Billing Post number	٧	10
billingCountry	Billing Country	٧	10
deliveryNm	delivery name	٧	30
deliveryPhone	delivery phone number	٧	15
deliveryAddr	delivery address	٧	100
deliveryCity	delivery city	٧	50
deliveryState	delivery state	٧	50
deliveryPostCd	delivery post number	٧	10
deliveryCountry	delivery country	٧	10
vat	vat	٧	12
fee	service fee	٧	12
notaxAmt	tax free amount	٧	12
description	description	٧	100
merchantToken	merchantToken	٧	255
reqDt	request date		8
reqTm	request time		6



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

resultCd	Result Code		4
resultMsg	Result Message		255
merFixAcctId	merchant reserved VA id	Only VA	40
vacctValidDt	VA validate date	Only VA	8
vacctValidTm	VA validate time	Only VA	6

3.5. NICEPay Cancel VA (cancel-va.php)

Cancel URL

API url	https://www.nicepay.co.id/nicepay/api/onePassAllCancel.do	
method	POST	
Description	Virtual Account Cancel API	

• Setting NICEPay Cancel Parameter

```
$nicepay = new NicepayLib();
        if(!emptyempty($_POST['tXid']) && !emptyempty($_POST['tXid']))
2.
3.
        {
        $iMid
                            = $nicepay->iMid;
        $tXid
                            = $_POST['tXid'];
5.
                             = $_POST['amt'];
        $nicepay->set('tXid', $tXid);
8.
9.
        $nicepay->set('payMethod', '02');
10.
        $nicepay->set('amt', $amt);
11.
        $nicepay->set('iMid',$iMid);
12.
        $nicepay->set('cancelType', 1);
13.
14.
        $merchantToken = $nicepay->merchantTokenC();
15.
        $nicepay->set('merchantToken', $merchantToken);
16.
17.
        // <REQUEST to NICEPAY>
        $response = $nicepay->cancelVA($tXid, $amt);
18.
19.
        // <RESPONSE from NICEPAY>
20.
21.
            echo '<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">';
22.
                echo "";
```



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

```
23. var_dump($response);
24. echo "";
```

• Request Parameter for Cancel

Parameter	Description	Mandatory	SIZE(byte)
tXid	Transaction Id	٧	30
iMid	Merchant Id	V	10
payMethod	Payment Method	٧	2
cancelType	Cancel Type	٧	2
cancelMsg	Cancel Message		255
merchantToken	merchantToken	٧	255
amt	Amount		12
fee	Fee		12
vat	Vat		12
notaxAmt	Notax Amount		12
cancelServerIp	Server Ip		15
cancelUserId	User Id		30
cancelUserIp	User Ip		15
cancelUserInfo	User Information		100
cancelRetryCnt	Retry Count		2
worker	Worker		10

• Response Parameter for Cancel

Parameter	Description	Mandatory	SIZE(byte)
tXid	Transaction Id	٧	30
referenceNo	Merchant Order No	٧	40
canceltXid	Cancel Transaction Id	٧	30
resultCd	Result Code	٧	4
resultMsg	Result Message		255
transDt	Transaction Date		8
transTm	Transaction Time		6
description	Description		255
amount	Amount		12



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

3.6. NICEPay Code

Field Type

Value	Description	
AN	Alphanumeric	
N	Numeric	
ANS	Alphanumeric Special Characters	

Installment Type

Value	Description
1	Customer charge
2	Merchant charge

• Payment Method

Value	Description
01	Credit Card
02	Virtual Account

Payment Status Code

Value	Description
Credit Card	
0	Success
1	Failed
2	Void/Refund
9	Initialization
Virtual Account	
0	Paid
3	Unpaid
4	Expired

• Bank Code (Virtual Account)

Value	Description
BMRI	Bank Mandiri
IBBK	Bank International Indonesia Maybank
BBBA	Bank Permata
*CENA	Bank Central Asia



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

*BNIN	Bank Negara Indonesia 46
*BNIA	Bank CIMB Niaga
*HNBN	Bank KEB Hana Indonesia
*BRIN	Bank Rakyat Indonesia

^{*} Future release

• Error Code

Value Error Code	Description
Order	
9001	order registration failed
9002	database connection error
9003	the order is invalid
9004	error on inquiry of order confirmation
9005	error on order inquiry
9006	transaction number generated error
9007	please input amount
9008	invalid request amount
9009	duplicate order registration number
9010	merchantToken error
9011	unregistered merchant
9012	no payment method
9013	no currency
9014	no order number
9015	no goods name
9016	no buyer name
9017	no buyer phone number
9018	no buyer e-mail
9019	no callbackUrl
9020	no dbProcessUrl
9021	failed in inquiring the criterion information (BO_MER_MGNT
	ORD_NO_DUP_CHK_FLG)
9022	This is not the Cart Data format JSON.
9023	Cart Data amount is different from the total amount.
9024	Failed to load the user's IP value.



NICEPay System Development			
SYSTEM	Merchant integration	Write Date	2016.03.22
TASK	Document	Version	1.13.0

9025	Need to enter buyers city.
9026	Need to enter buyers residence.
9027	Need to enter buyers address area code.
9028	Need to enter buyers residence country.
9029	Virtual account is not able to select the number of installment months.
Card	·
9101	failed in registering card ledger
9102	bank connection error
9103	error in inquiring card ledger
9104	database connection error
9105	TB_TRANS_HISTORY registration error
9106	FRAUD error
9107	transaction number generated error
9108	error of check for merchant ID, payment method
9109	the length of order number is too long(max: 40)
9110	invalid card number, expiration date
9111	no card number, expiration date
9112	invalid card number
9113	MERCHANT_INFO query error
9114	MERCHANT_CARDINFO query error
9115	the payment amount is too small
9116	duplicate transaction number
9117	VISA 3D authorization failure(invalid ECI)
9118	instalment type error
9119	MERCHANT_BANK_TID_MANAGEMENT query error
9120	B_MID,B_TID query error
9121	MERCHANT_PAYMETHOD query error
9122	failed in inquiring settlement interval
9123	TB_BO_MER_APP_LIMIT query error
9124	Less than the minimum amount approved by the bank.
9125	Do not allow the approval from Bank BNI.
9126	It has already been approved.
9127	Duplicate txid.
Virtual Account	



NICEPay System Development				
SYSTEM	Merchant integration	Write Date	2016.03.22	
TASK	Document	Version	1.13.0	

9201	error on registering virtual account ledger	
9202	failed in granting number on virtual account	
9203	no list of virtual account number to grant number on	
9204	database connection error	
9205	error in validity verification on virtual account	
9206	transaction number generated error	
9207	the length of order number is too long(max: 40)	
9208	error in non-usage of criterion information	
9209	the payment amount is too small	
9210	error in expiration date of deposit, expiration time for deposit, and inclusion of	
	letters	
9211	expiration date and time for deposit length is not valid	
9212	error of check for merchant ID, payment method	
9213	TB_TRANS_HISTORY registration error	
9214	failed in inquiring settlement interval	
9215	Order number redundancy check (TB_MOID_VERIFY) updates error.	
9216	Virtual account failure ledger (TB_VACCT_FAIL) registration error.	
9217	Order number redundancy check (TB_MOID_VERIFY) delete error.	
9218	Virtual account ledger inquiry failure.	
Cancel		
9301	This type of cancellation is not valid.	
9302	Cancel ledger registration error.	
9303	Cards ledger update error.	
9304	TB_TRANS_HISTORY update error.	
9305	Ledger card registration error.	
9306	Ledger partial cancel registration error.	
9307	Cards query error.	
9308	database connection error	
9309	bank connection error	
9310	TB_TRANS HISTORY registration error.	
9311	transaction number generated error	
9312	No cancellation amount or cancellation amount includes the letter.	
9313	Partial cancellation is only possible mandiri.	
9314	Can not cancel your request transaction number.	



NICEPay System Development				
SYSTEM	Merchant integration	Write Date	2016.03.22	
TASK	Document	Version	1.13.0	

9315	Cancel Ledger duplicate registration error.	
9316	Bank code duplication errors.	
9317	Bank Mandiri is available once a partial canceled.	
9318	vertual account can not request to cancel.	
9319	The amount you entered is larger than the amount you want to cancel.	
9320	Can not cancel the entire data already partially canceled.	
9321	Please fill in the requested amount greater than zero.	
9322	Merchant infomaition(CARD_BIN) query fail	
9323	Merchant infomation(Merchant_INFO) query fail.	
9324	MERCHANT_CARDINFO query error	
9325	B_MID,B_TID query error	
9326	It can not be canceled after purchase.	
9327	It can not be partial cancelation before purchase.	
9328	The information can not be canceled (Void Risk Check).	
9329	The information can not be partial cancelation (Void Risk Check).	
9330	Virtual account deposit has been completed can not be canceled.	

