

PAYSBUY

Merchant Integration Manual (POST)

Version 3.01

(Updated 01/09/2010)

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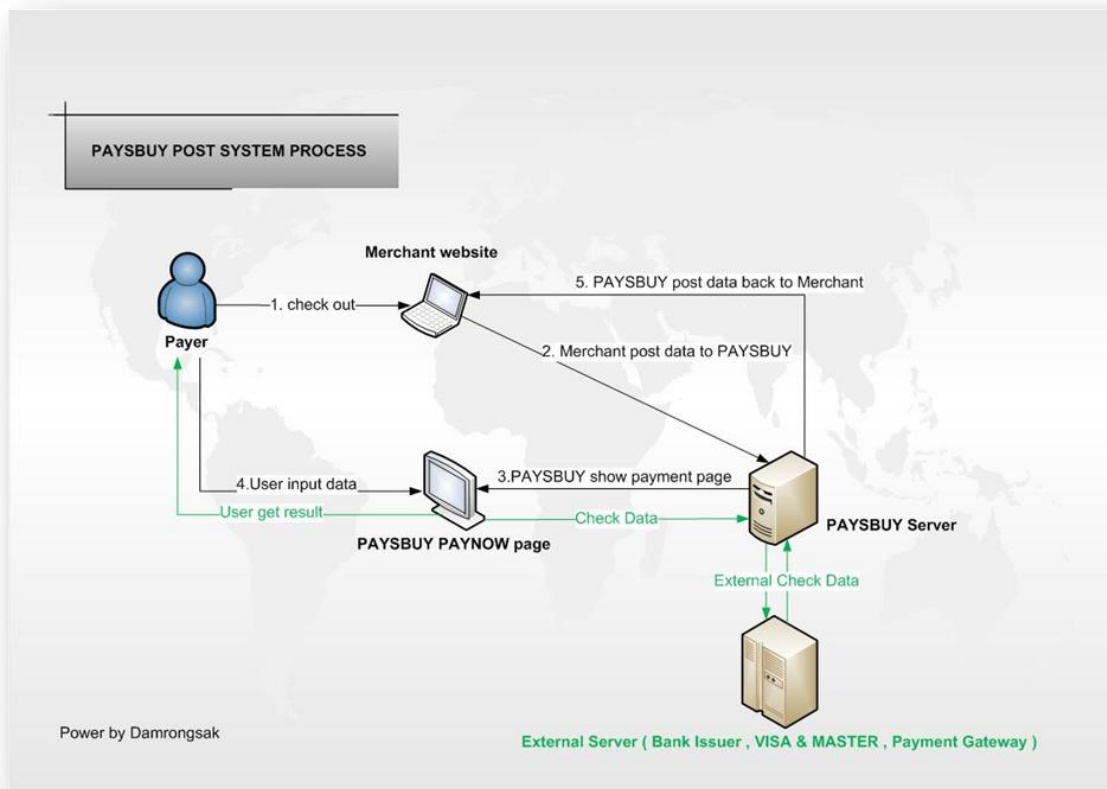
Revision History

Date	Version	Description
1 September 2010	3.01	<ul style="list-style-type: none">- Added payment data sending and receiving.- Added Counter Service channel description.- Updated sample codes to return data from PAYSBUY.- Added Appendix 1 and Appendix 2 as Web Service for checking information with PAYSBUY.

1. Introduction

Sending "POST" value

"POST" is a relatively reliable and easy-to-use payment form that developer should learn all integration process thoroughly which all steps are adjustable. Integration details are as follows:



PAYSBUY POST SYSTEM PROCESS

2. Data sending and data form for PAYNOW transaction

PAYSBUY has a Demo Server for performing a test before carrying out the actual use in a Production Server.

Demo Server

http://demo.paysbuy.com/paynow_new_version.aspx

Production Server

https://www.paysbuy.com/api_paynow/api_paynow.asmx

Parameter data for PAYNOW

Parameter	Data Type	Null Value	Example
psb	nchar(10)	-	"psb"
biz	nvarchar(200)	-	"demo@paysbuy.com"
inv	nvarchar(200)	-	"2009060101"
itm	nvarchar(200)	Allow	"PAYSBUY Test Product"
amt	nvarchar(10)	-	"1"
paypal_amt	nvarchar(10)	Allow	"1"
currencyCode	nvarchar(200)	Allow	"764"
com	nvarchar(200)	Allow	"FbRy1+sLKnI4JpuwQ6D+sg=="
postURL	nvarchar(200)	Allow	"https://www.paysbuy.com/receiverresponse/Result.aspx"
reqURL	nvarchar(200)	Allow	"https://www.paysbuy.com/receiverresponse/ResultReg.aspx"
opt_fix_redirect	nchar(1)	Allow	"1"
opt_fix_method	nchar(1)	Allow	"1"
opt_name	nvarchar(200)	Allow	"PAYSBUY"
opt_email	nvarchar(200)	Allow	"abc@paysbuy.com"
opt_mobile	nvarchar(50)	Allow	"0888888888"
opt_address	ntext	Allow	"PAYSBUY.COM"
opt_detail	ntext	Allow	"PAYMENT"

Parameter description

Parameter	Description
psb	Fixed value required for the purpose to use PAYSBUY
biz	Merchant/personal's email address for receiving money
inv	Invoice/order no. generated for a reference between PAYSBUY and merchant (postURL,reqURL)
itm	Payment details – product name and description, service name and description
amt	Total (price) amount (must be no less than 1)
paypal_amt	Total (USD price) amount paid via PayPal (must be no less than 1). See detail in page 8.
currencyCode	Currency for payment. Support 10 currencies: THB, USD, AUD, EUR, GBP, JPN, NZD, HKD, SGD and CHF (credit card only). See detail in page 7.
com	Specify a commission value if want to send a commission to other account. Contact PAYSBUY in order to get the value.
postURL	URL for redirecting page to, and returning payment result to merchant
reqURL	URL for returning data to merchant when there is a payment result. This will not redirect page, and will process in background.
opt_fix_redirect	Specify value in postURL: 1 = not show PAYSBUY's payment result, just redirect to the specified URL when there is a payment result. Null = show PAYSBUY's payment result, and redirect to the specified URL.
opt_fix_method	1 = show only one payment channel in the payment page, no other payment options. The channel showed is from URL : <form method=post action="https://www.paysbuy.com/paynow.aspx? psb=true ">
opt_name	Payer's name
opt_email	Payer's email
opt_mobile	Payer's mobile phone no.
opt_address	Payer's address
opt_detail	Payer's message

3. Payment page setting

Setting default payment page

PAYSBUY has payment channels suited up for your payment page:

Channels	Parameter
PAYSBUY Account	psb=true
Visa, MasterCard, JCB	c=true,m=true,j=true
American Express	a=true
PayPal	p=true
Counter Service	cs=true
Online Banking	ob=true

Example

```
<form method=post action="https://www.paysbuy.com/paynow.aspx?psb=true">
```

Setting language

PAYSBUY payment page supports the following languages:

Language	Parameter	Status
Thai	lang=t	active
English	lang=e	active
Japanese	lang=j	active
Chinese	lang=c	inactive

Example

```
<form method=post action="https://www.paysbuy.com/paynow.aspx?lang=t">
```

The following is how to set default payment page and language:

- Default payment page to be "PAYSBUY Account" and in "Thai"
<form method=post action="https://www.paysbuy.com/paynow.aspx?psb=true&lang=t">
or
<form method=post action="https://www.paysbuy.com/paynow.aspx?lang=t&psb=true">
- Default payment page to be "Credit cards" and in "English"
<form method=post action="https://www.paysbuy.com/paynow.aspx?c=true&lang=e">
or
<form method=post action="https://www.paysbuy.com/paynow.aspx?lang=e&c=true">

Payment page will show only "PAYSBUY" channel if merchant method is not enabled to accept credit cards or other payment channels when integrated with PAYSBUY system.

4. Currency setting and posting form

Merchant can set item price in any currency shown in the Table below in order to charge a payer's credit card in a specific currency. Currency setting does not apply to other payment channels (e.g. PAYSBUY account).

Assign currency code to the **currencyCode** variable as follows:

Currency Abbrev	Currency	Code (currencyCode)
THB	Thai Baht	764
AUD	Australian Dollar	036
GBP	POUND STERLING	826
EUR	EURO	978
HKD	Hong Kong Dollar	344
JPY	YEN (100)	392
NZD	New Zealand Dollar	554
SGD	Singapore Dollar	702
CHF	Swiss Franc	756
USD	US Dollar	840

Example

Setting to receive payment in USD

```
<input type="hidden" name="currencyCode" value="840">
```

Regardless of any currency set, money will be converted to Baht in merchant's account. However, for AMEX transaction, any currency set will be converted to Baht before settled with AMEX.

To know exchange rates*set by PAYSBUY in order to set price on your website, we have a Web Service to look into exchange rates determined by PAYSBUY at **getCurrencyRate** in page **18** (Appendix 1).

*PAYSBUY exchange rate is based on a rate quoted by Visa, which is adjusted fluctuation rate as ruled by Visa, that resulting in PAYSBUY exchange rates differ from typical bank's exchange rates.

5. Codes for accepting PayPal

PAYSBUY merchant can now integrate PayPal as an additional payment option. To enable PayPal through PAYSBUY, merchant must have PayPal account integrating with PAYSBUY, and complete the following 2 steps:

5.1 [How to give a third party permission to make API calls on your behalf](#)

5.2 [Instructions for creating PAYNOW button with PayPal logo](#)

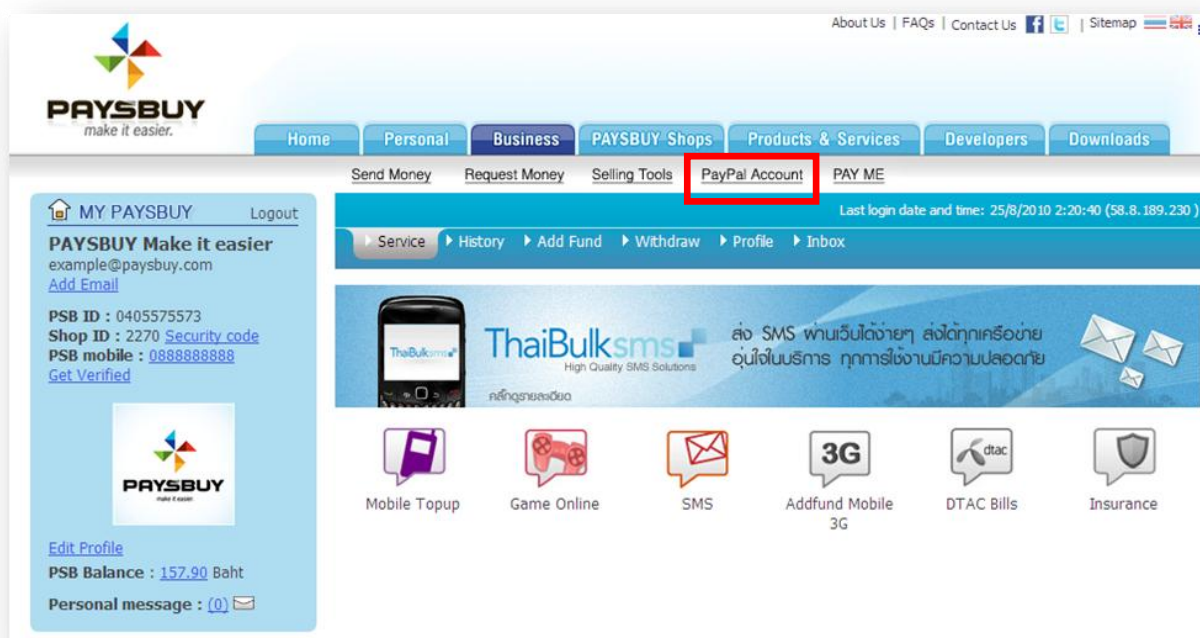
PayPal only accepts USD.

Example

Codes for adding PayPal

```
<input type="hidden" name="paypal_amt" value="1">
```

Getting paid via PayPal will get the money in PayPal account only. However, you can view PayPal transaction history by logging in PAYSBUY account, and select "PayPal Account".



6. Codes for commission for PAYSBUY account

PAYSBUY has commission per referral program that enables sending commission to other accounts. Now maximum commission is 1 account only.

Merchant must agree with PAYSBUY on commission before PAYSBUY send a commission code to merchant. Merchant then use the code to post when transact each time.

Example

Sending commission to account abc@paysbuy.com

```
<input type="hidden" name="com" value="FbRy1+sLKnI4JpuwQ6D+sg==">
```

The commission code for merchant is **FbRy1+sLKnI4JpuwQ6D+sg==**

7. Examples of payment button in different languages

- Replace **yourname@yourstore.com** with merchant email for receiving payment.
- **invoiceVariable**, **productVariable** and **amountVariable** can be changed by referring to page 3 – Parameter data for PAYNOW.
- Change **http://www.yourcompany.com/reqURL.php** and **http://www.yourcompany.com/postURL.php** referred in page 3. The 2 pages must be created already.

1) PHP

```
<Form method=post action="https://www.PAYSBUY.com/paynow.aspx" target="_blank">
<input type="hidden" Name="psb" value="psb">
<Input Type="hidden" Name="biz" value="yourname@yourstore.com">
<Input Type="Hidden" Name="inv" value="<?=$invoiceVariable ?>">
<Input Type="Hidden" Name="itm" value="<?=$productVariable ?>">
<Input Type="Hidden" Name="amt" value="<?=$amountVariable ?>">
<Input Type="Hidden" Name="reqURL" value="http://www.yourcompany.com/reqURL.php">
<Input Type="Hidden" Name="postURL"
value="http://www.yourcompany.com/postURL.php">
<input type="image" src="https://www.PAYSBUY.com/images/p_click2pay.gif"
border="0" name="submit" alt="Make payments with PAYSBUY - it's fast, free and
secure!">
</Form >
```

2) ASP

```
<Form method=post action="https://www.PAYSBUY.com/paynow.aspx" target="_blank">
<input type="hidden" Name="psb" value="psb">
<Input Type="hidden" Name="biz" value="yourname@yourstore.com">
<Input Type="Hidden" Name="inv" value="<%=invoiceVariable %>">
<Input Type="Hidden" Name="itm" value="<%=productVariable %>">
<Input Type="Hidden" Name="amt" value="<%=amountVariable% %>">
<Input Type="Hidden" Name="reqURL" value="http://www.yourcompany.com/reqURL.php">
<Input Type="Hidden" Name="postURL"
value="http://www.yourcompany.com/postURL.php">
<input type="image" src="https://www.PAYSBUY.com/images/p_click2pay.gif"
border="0" name="submit" alt="Make payments with PAYSBUY - it's fast, free and
secure!">
</Form >
```

3) JSP

```
<Form method=post action="https://www.PAYSBUY.com/paynow.aspx" target="_blank">
<input type="hidden" Name="psb" value="psb">
<Input Type="hidden" Name="biz" value="yourname@yourstore.com">
<Input Type="Hidden" Name="inv" value="<%=invoiceVariable %>">
<Input Type="Hidden" Name="itm" value="<%=productVariable %>">
<Input Type="Hidden" Name="amt" value="<%=amountVariable% %>">
<Input Type="Hidden" Name="reqURL" value="http://www.yourcompany.com/reqURL.php">
<Input Type="Hidden" Name="postURL"
value="http://www.yourcompany.com/postURL.php">
<input type="image" src="https://www.PAYSBUY.com/images/p_click2pay.gif"
border="0" name="submit" alt="Make payments with PAYSBUY - it's fast, free and
secure!">
</Form >
```

8. Receiving payment result value from PAYSBUY

Get value from PAYSBUY to check payment result. This way PAYSBUY sends the result back to URL specified in reqURL and postURL.

postURL

When payment transaction occurs, whether it is successful or failed, if payer clicks to return to merchant's page, system will return the result to merchant and redirect page to merchant's page following URL specified in postURL.

reqURL

When payment transaction occurs, whether it is successful or failed, system will return the result to merchant as soon as there is the payment result (payer does not click to return to merchant).

Parameter and Description

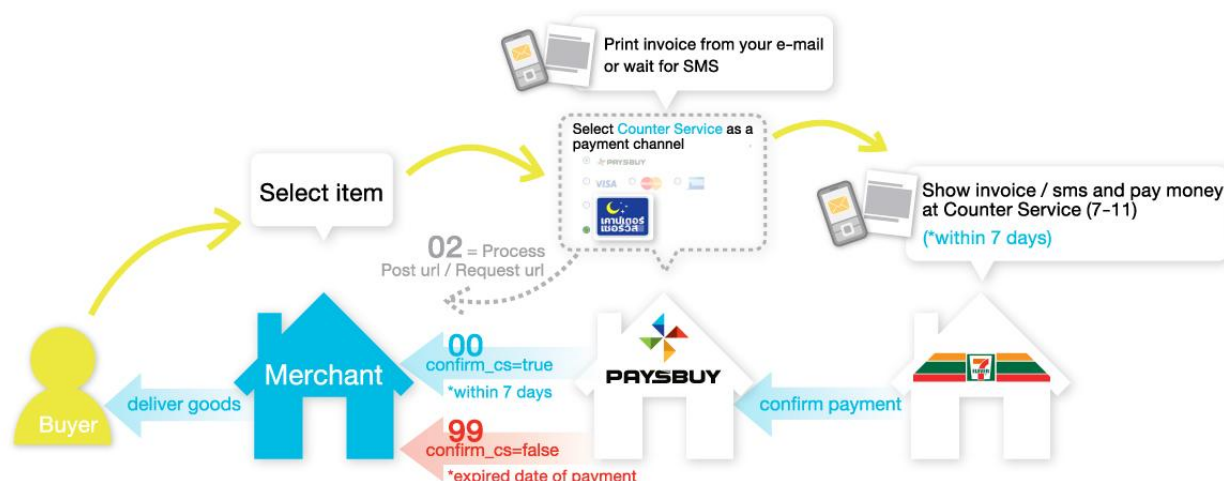
Parameter	Type	Description
result	Char	Payment result
apCode	Char	PSB Approved Code
amt	Char	Payment amount (2-digit decimal)
fee	Char	Transaction fee (2-digit decimal)
method	Char	Payment channel

Example

Parameter	Description	Example
result	Failed, 99 followed by invoice No. (xxxx)	99xxxx
	Success, 00 followed by invoice No. (xxxx)	00xxxx
	Process, 02 followed by invoice No. (xxxx)	02xxxx
apCode	PSB Approved Code	32593
amt	Total payment amount (2-digit decimal)	1000 or 1000.00
fee	Transaction fee (2-digit decimal)	4 or 4.00
method	01 = pay by PAYSBUY account	01
	02 = pay by credit card	02
	03 = pay by PayPal	03
	04 = pay by American Express	04
	05 = pay by Online Direct Debit	05
	06 = pay by Counter Service	06

For every transaction from PAYSBUY, merchant should call our Web Service to check the value one more time at getTransactionByInvoice, more detail in page 19 (Appendix 2).

9. Receiving payment result using Counter Service



Payment via Counter Service has a different process than other payment channels that is

- When user finishes filling out payment details on PAYSBUY website, user will get a barcode (payment code). At this stage merchant has not received the money yet, and will get a status: Process

Both **postURL** and **reqURL** will be sent.

Parameter	Type	
result	Char	"02"+inv
apCode	Char	PSB Approved Code
amt	Char	Total payment amount (2-digit decimal)
fee	Char	0.00
method	Char	06

- When user makes a payment at Counter Service, merchant will get a final payment result that variables received will be the same but added **confirm_cs** this time.

Only **reqURL** will be sent.

Parameter	Type	
result	Char	"00"+inv
apCode	Char	PSB Approved Code
amt	Char	Total payment amount (2-digit decimal)
fee	Char	fee
method	Char	06
confirm_cs	Char	true, false

- For the payment not paid at Counter Service over 7 days, reqURL variable will be sent to merchant and added confirm_cs=false this time.

Parameter	Type	
result	Char	"99"+inv
apCode	Char	PSB Approved Code
amt	Char	Total payment amount (2-digit decimal)
fee	Char	0.00
method	Char	06
confirm_cs	Char	false

At this stage merchant should call our Web Service **getTransactionByInvoice** to check the value one more time.

10. Reasons for not receiving value from PAYSBUY

No postURL returned from PAYSBUY

1. Payer did not click to go back to merchant's page when payment was finished.
2. Payer closed the page during making payment, or before payment was finished.
3. There was a system error, payer could not continue payment.

No reqURL returned from PAYSBUY

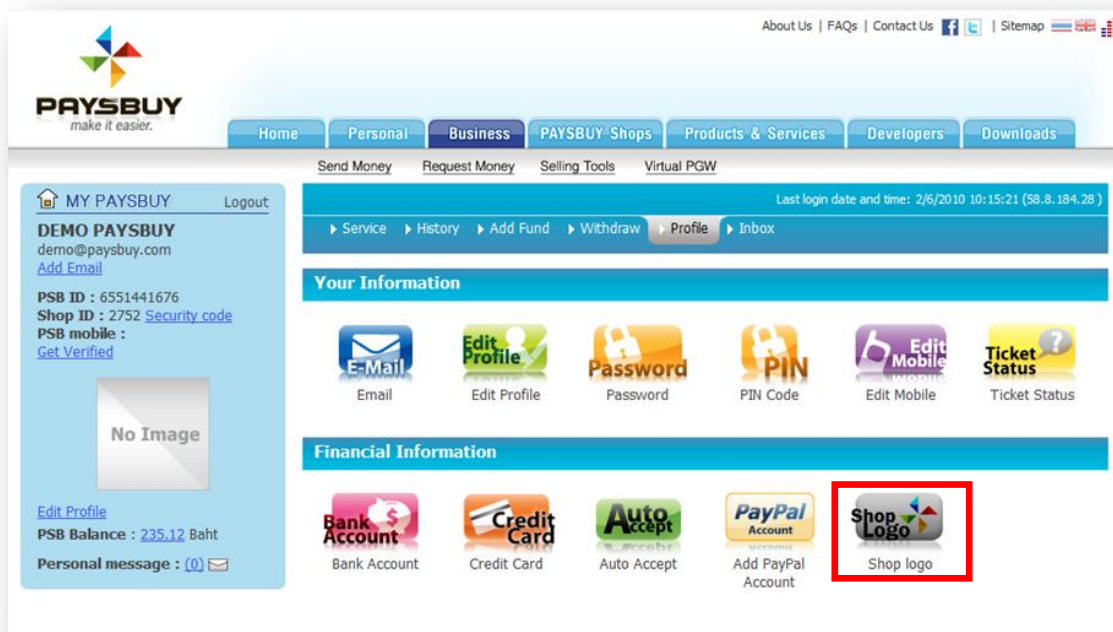
1. Payer closed the page during making payment, or before payment was finished.
2. There was a system error, payer could not continue payment.

11. What to do if not receive value from PAYSBUY

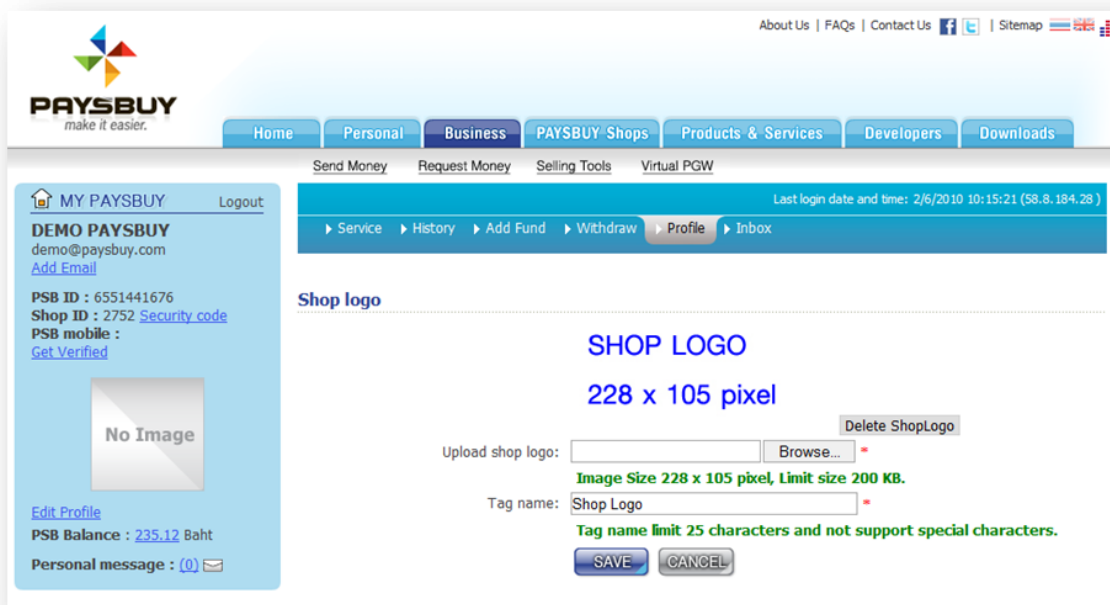
PAYSBUY has a Web Service to check transaction in case you did not receive value from us at **getTransactionByInvoice**, more detail in page **19** (Appendix 2)

12. Shop Logo display in PAYNOW page

Merchant can have own Shop Logo displayed on PAYNOW page by logging in at www.paysbuy.com -> Profile -> Shop Logo







You can upload the Shop Logo image file maximum size of **228 x 105 pixels, 200 KB**. Each time a payment is made, your Shop Logo will be displayed at the top left corner of PAYNOW page.



Example of payment page

SHOP LOGO
228 x 105 pixel

Pay to: **PAYSBUY** ⓘ
Invoice no: -






Amount: **1.00 THB**
Description: -


If you have a PAYSBUY account,
please enter email address and password to log in.

Forgot password?

Login

Choose payment method

☒ 
☐  ☐  ☐ 
☐ 

Pay by  **PAYSBUY**

PAYSBUY is a convenient and secured online payment system.

Please enter email address and password in the above box to make a payment.

If you don't have a **PAYSBUY** account, please [register](#) here.

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13. Examples of receiving value in different languages

1) PHP

```
$result = $_POST["result"];
$result = substr($result, 0, 2);
$apCode = $_POST["apCode"];
$amt = $_POST["amt"];
$fee = $_POST["fee"];
$method = $_POST["method"];
$confirm_cs = strtolower(trim($_POST["confirm_cs"]));
/* status result
00=Success
99=Fail
02=Process
*/
if ($result == "00") {
    if ($method == "06") {
        if ($confirm_cs == "true") {
            echo "Success";
        } else if ($confirm_cs == "false") {
            echo "Fail";
        } else {
            echo "Process";
        }
    } else {
        echo "Success";
    }
} else if ($result == "99") {
    echo "Fail";
} else if ($result == "02") {
    echo "Process";
} else {
    echo "Error";
}
```

2) ASP

```
result = Request.Form("result");
result = mid(result, 1, 2);
apCode = Request.Form("apCode");
amt = Request.Form("amt");
fee = Request.Form("fee");
method = Request.Form("method");
confirm_cs = Request.Form("confirm_cs");
/* status result
00=Success
99=Fail
02=Process
*/
if (result == "00") {
    if (method == "06") {
        if (confirm_cs == "true") {
            Response.Write("Success");
        } else if (confirm_cs == "false") {
            Response.Write("Fail");
        } else {
            Response.Write("Process");
        }
    } else {
        Response.Write("Success");
    }
} else if (result == "99") {
    Response.Write("Fail");
} else if (result == "02") {
    Response.Write("Process");
} else {
    Response.Write("Error");
}
```

3) JSP

```
result = Request.Form("result");
result = mid(result, 1, 2);
apCode = Request.Form("apCode");
amt = Request.Form("amt");
fee = Request.Form("fee");
method = Request.Form("method");
confirm_cs = Request.Form("confirm_cs");
/* status result
00=Success
99=Fail
02=Process
*/
if (result == "00") {
    if (method == "06") {
        if (confirm_cs == "true") {
            out.println("Success");
        } else if (confirm_cs == "false") {
            out.println("Fail");
        } else {
            out.println("Process");
        }
    } else {
        out.println("Success");
    }
} else if (result == "99") {
    out.println("Fail");
} else if (result == "02") {
    out.println("Process");
} else {
    out.println("Error");
}
```

PAYSBUY has a Web Service to check the value one more time at **getTransactionByInvoice**, more detail in page **19** (Appendix 2)

Questions about the system integration, contact PAYSBUY Tel. 02-6121314

Appendix 1

getCurrencyRate

Check exchange rate determined by PAYSBUY

Demo Server

http://demo.paysbuy.com/psb_ws/getTransaction.asmx

method : getCurrencyRate

Production server

http://www.paysbuy.com/psb_ws/getTransaction.asmx

method : getCurrencyRate

Parameter Description

Parameter	Data Type	Null Value	Description
psbID	nvarchar(200)	No	PSB ID
biz	nvarchar(50)	No	Merchant's email
secureCode	nvarchar(50)	No	Code generated by PAYSBUY for each merchant
currency	nvarchar(255)	No	Currency to be checked

Example of Data in Demo Server

Parameter	Data
psbID	"8303545188"
biz	"demo@paysbuy.com"
secureCode	"1586093A8F80CBB5003001B42F0EEB7C"
currency	"USA" (FRA, GBR, JPN, AUS, HKG, NZL, SGP, CHE)

Data Sent

Parameter	Data Type	Null Value	Description
result	Boolean	No	True or False
Desc	nvarchar(255)	No	"30.5555"

Appendix 2

getTransactionByInvoice

To double-check whether merchant's transaction data is being sent from PAYSBUY, merchant can call Web Service to check payment data by setting to run Cronjob every 3-5 minutes after transaction is made.

Demo Server

http://demo.paysbuy.com/psb_ws/getTransaction.asmx

method : getTransactionByInvoice

Production server

http://www.paysbuy.com/psb_ws/getTransaction.asmx

method : getTransactionByInvoice

Parameter Description

Parameter	Data Type	Null Value	Description
psbID	nvarchar(200)	No	PSB ID
biz	nvarchar(50)	No	Merchant's email
secureCode	nvarchar(50)	No	Code generated by PAYSBUY for each merchant
invoice	nvarchar(255)	No	Invoice or merchant's reference no.

Example of Data on Demo Server

Parameter	Data
psbID	"8303545188"
biz	"demo@paysbuy.com"
secureCode	"1586093A8F80CBB5003001B42F0EEB7C"
invoice	"Q1yV/33"

Data Sent

Parameter	Data	Description
result	"00", "99"	00 = success, 99 = failed
Invoice	"Q1yV/33"	Invoice or merchant's reference no.
apCode	"15345", "000000"	Code when success, "000000" = failed
amt	"1"	Payment amount
fee	"0.04"	Transaction fee
method	"02"	Payment channel