

# PayPal Usage Document

## For the Administrator,

Before choosing the PayPal as the default payment gateway, the Administrator must know some things.

First, the DUT system only accepts the Completed payment<sup>1</sup>, which the payment has been completed and the funds have been added successfully to the merchant's account balance. Any other payment will not be accepted and considered as the failed payment, when this happened, the DUT system will alert this situation to the customer and the merchant.

Secondly, each account resource created after the customer paid the payment. If there is no account resource for the customer who had paid suddenly, the Administrator must manually refund the funds back to the customer according to the Transaction ID. Also, the customer must ask for his/her funds from the Administrator according to the Transaction ID.

## The PayPal setting on DUT

1. Leave the merchant's PayPal account in the Business field.
2. Choose the currency code, the same as the one left in the merchant's profile in the PayPal site.
3. Copy the Identity Token from the merchant's profile in the PayPal site.
4. The current PayPal payment gateway is [www.paypal.com/cgi-bin/webscr](http://www.paypal.com/cgi-bin/webscr) .
5. Please leave the Administrator's email address in Advanced/Syslog/Email portion.

## The Merchant's Profile Setting

To make the PayPal function work smoothly on the DUT, the Admin must follow suggestions below,

1. Admin must have the Premier or Business account in PayPal.

Login the PayPal web page <http://www.paypal.com> and then check out the [Profile] option.

In [Website Payment Preferences] option

2. Set "Auto Return" on.
3. Assign "Return URL" to be <http://1.1.1.1/pdt.cgi>
4. Set "Payment Data Transfer" on and then copy the "Identity Token" to the PayPal

Identity Token field in the credit card page on the DUT Web Server.

5. Suggest set “PayPal Account Optional” to on. If it were off, the customer will be asked to create a PayPal account before making this payment.

My Account | Send Money | Request Money | Merchant Services

Overview | Add Funds | History | Profile

### Website Payment Preferences [Back to Profile Summary](#)

**Auto Return for Website Payments**  
Auto Return for Website Payments brings your buyers back to your website immediately after payment completion. Auto Return applies to PayPal Website Payments, including Buy Now, Donations, Subscriptions, and Shipping Cart. [Learn More](#)

**Auto Return:**  On  
 Off

**Return URL:** Enter the URL that will be used to redirect your customers upon payment completion. This URL must meet the guidelines detailed below. [Learn More](#)

**Return URL:**

**Return URL Requirements:** The following items are required in order to set up Auto Return:

- For the site agreement, you must provide verbiage on the page displayed by the Return URL that will help the buyer understand that the payment has been made and that the transaction has been completed.
- You must provide verbiage on the page displayed by the Return URL that explains that payment transaction details will be emailed to the buyer.
- Example: Thank you for your payment. Your transaction has been completed, and a receipt for your purchase has been emailed to you. You may log into your account at [www.1111.com](#) to view details of the transaction.

**Payment Data Transfer (optional)**  
Payment Data Transfer allows you to receive notification of successful payments as they are made. The use of Payment Data Transfer depends on your [system configuration](#) and your Return URL. Please note that in order to use Payment Data Transfer, you must turn on Auto Return.

**Payment Data Transfer:**  On  
 Off

**Identity Token:**

**Encrypted Website Payments**  
Using encryption enhances the security of website payments by decreasing the possibility

6. Leave others default. That is “Encrypted Website Payments” is off and “Contact Telephone Number” is off.

**Encrypted Website Payments**  
Using encryption enhances the security of website payments by decreasing the possibility that a 3rd party could manipulate the data in your button code. If you plan on only using encrypted buttons you can block payments from non-encrypted ones.

[Learn more about Encrypted Website Payments](#)

**Note:** If you enable Encrypted Website Payments, all of your Buy Now, Donations, and Subscription buttons **must** be encrypted via one of the following methods:

- Using the [Button Factory](#) with the security settings enabled.
- Using your own code, you encrypt all website payments before sending them to PayPal.

By enabling this feature, any Buy Now, Donations, or Subscription button that is not encrypted will be rejected by PayPal.

**Block Non-encrypted Website Payments:**  On  
 Off

**PayPal Account Optional**  
When this feature is turned on, your customers will go through an optional checkout experience. This feature is available for Buy Now, Donations, and Shipping Cart buttons, but not for Subscription buttons. [Learn More](#)

**PayPal Account:**  On  
 Off

**Contact Telephone Number**  
When you activate this option, your customers will be asked to include a Contact Telephone Number with their payment information. [Learn More](#)

**Note:** Selecting On (Required Field) could have a negative effect on buyer conversion.

**Contact Telephone:**  On (Optional Field)  
 On (Required Field)  
 Off (PayPal recommends this option)

In [Payment Receiving Preferences] option

7. Suggest enable the option of “Block payments from user who: Pay with eCheck for website and ...” Because payment with eCheck will result in pending, and the DUT system cannot accept any pending payment.

My Account: **Send Money** Request Money Merchant Services

Overview Add Funds History **Profile**

**Payment Receiving Preferences** [Back to Profile Summary](#)

Block payments from U.S. users who **do not** provide a confirmed address:

Yes

No

Ask Me

Block payments sent to me in a currency I do not hold:

Yes

No, accept them and convert them to U.S. Dollars

Ask Me

Block accidental payments:

You may prevent accidental payments by blocking duplicate invoice IDs:

Yes, block multiple payments per invoice ID

No, allow multiple payments per invoice ID

Block payments from users who:

Have non-U.S. PayPal accounts

Initiate payments from the Pay Anywhere button of the Send Money tab

(If enabled, you may enter an alternate Payment ID for your users.)

**Alternate Keyword**

URL:

(optional)

Block payments from users who:

Pay with eCheck for website and smart tags payments, or demand bank transfer for all website payments except eBay

Display "Add Instructions to Seller" text input field:

Yes

No

The Credit Card Statement Name is the name that will appear on your customer's credit card statements.

The name can be 13 alpha-numeric characters in length, including spaces.

For some payments, the name can be extended to 18 alpha-numeric characters in length, including spaces. [Learn More](#)

## For the Customer,

Before the customer chooses the PayPal as the payment platform, he/she must know some things.

First, the customer purchases the account resource in DUT through the PayPal payment platform. The customer must know that after he/she finished the payment, he/she must return back to the DUT system to get his/her account resource, else the DUT system have no idea the payment successful or not.

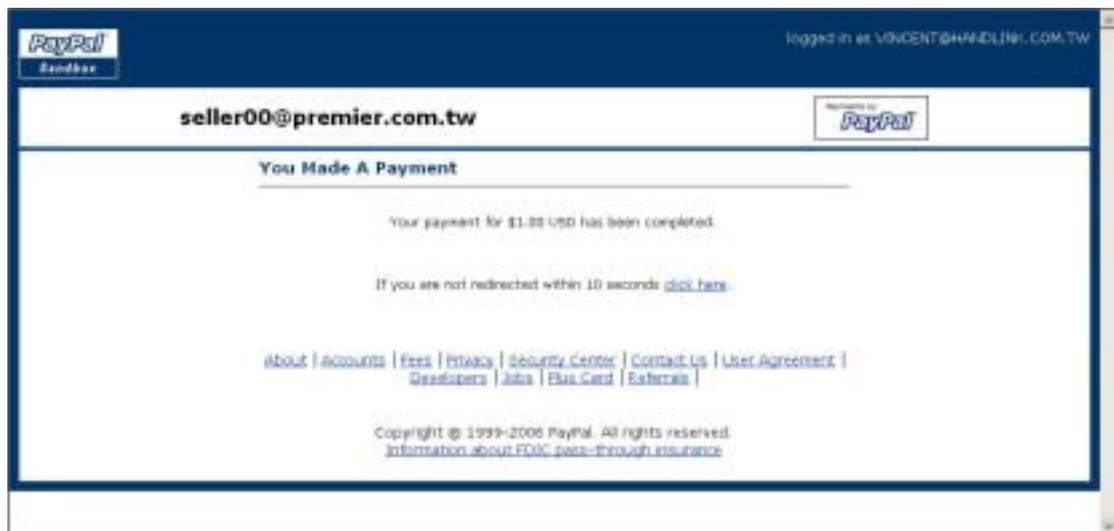
Secondly, each account resource created after the customer paid the payment. If there is no account resource for the customer who had paid suddenly, the Administrator must manually refund the funds back to the customer according to the Transaction ID. Also, the customer must ask for his/her funds from the Administrator according to the Transaction ID.

## How to purchase the account resource through the PayPal platform?

- 1) Choose any one credit-card icon displayed on the Login page and then choose any one service selection. Click “Submit Transaction and Login” button to pay on the PayPal web site.

[Have a PayPal account]

- 2) Directly enter the PayPal username/password to continue. And then review the payment and pay it if everything correct.
- 3) After paid, the browser will show a security alert and just click “Yes” to continue. Or click the blue “click here” link to return back to the DUT system. **Don’t close the browser at this moment**, else this DUT system will have no idea about this payment successful or not.
- 4) After return back to the DUT system, the username and password will be created for this payment.



[Don't have a PayPal account]

- 5) Just pay with Credit-Card. The Credit-Card related information must be filled up in the PayPal web site to continue this payment.
- 6) After paid, click “Return to Merchant” blue link directly to return back to the DUT system. **Don’t go to sign up the PayPal account at this moment**, else the DUT system will have no idea about this payment successful or not.



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*Reference from PayPal integration guide	
Payment status	Explanation
Cancelled-Reversal	This means a reversal has been canceled. For example, you won a dispute with the customer, and the funds for the transaction that was reversed have been returned to you.
Completed	The payment has been completed, and the funds have been added successfully to your account balance.
Denied	You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element.
Failed	The payment has failed. This happens only if the payment was made from your customer's bank account.
Pending	The payment is pending. See PendingReason for more information.
Refunded	You refunded the payment.
Reversed	A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer. The reason for the reversal is specified in the reason_code variable.
Processed	A payment has been accepted..