



---

# PayDollar PayGate

**Integration Guide (For osCommerce v2.2 RC2)**

---

(Leave Blank Intentionally)

## Copyright Information

### **AsiaPay (HK) Limited**

Room 1702, 7/F K. Wah Centre

191 Java Road

Hong Kong.

Telephone : (852) 2538 8278

Fax: (852) 2545 3898

Web site: <http://www.asiapay.com>

This document and the software described by this document are copyright 2004 by AsiaPay (HK) Limited. All rights reserved. Use of the software described herein may only be done in accordance with the License Agreement provided with the software. This document may not be reproduced in full or partial form except for the purpose of using the software described herein in accordance with the License Agreement provided with the software. Information in this document is subject to change without notice. Companies, names and data used in the examples herein are fictitious unless otherwise noted.

All trademarks are the property of their respective owners. This document is developed and produced in Hong Kong, SAR.

## **Confidentiality and Usage**

The information contained in this document (and any attachments) is confidential information provided by AsiaPay (HK) Limited. This document is intended only for use by merchants approved by AsiaPay. Any copying, distribution or dissemination of this document by any other parties is prohibited.

**Revision History**

| Revision | Date          | Revision Description                  |
|----------|---------------|---------------------------------------|
| 1.0      | July 26, 2004 | First issue                           |
| 2.0      | Dec 10, 2008  | Update to support new version 2.2 RC2 |
| 2.1      | Jan 20, 2009  | Bug fixed                             |

## Table of Contents

|   |    |
|---|----|
| Overview .....  | 5  |
| Introduction .....  | 5  |
| Integration .....   | 6  |
| Requirement of Integration .....  | 6  |
| Configuration of administrative tool – Enabling the payment module..... | 7  |
| Configure Paydollar Module .....  | 9  |
| Definition of Parameters in the Integration Page .....                  | 10 |
| Datafeed .....  | 12 |
| Purpose of Data Feed Page.....  | 12 |
| Requirement to Data Feed Page .....                                     | 12 |
| Definition of Parameters in the Data Feed Page.....                     | 13 |
| Configuration of administrative tool – Adding new orders status.....    | 14 |
| Sample Data Feed Page.....  | 18 |
| Kick Off.....   | 19 |

## Overview

### Introduction

PayDollar PayGate is a powerful web-based online payment services platform, which provides secure, multi-channel, multi-lingual and multi-currency payment services. It is used by many renowned companies and organizations in the region.

This technical specification document prescribes the constituent parts of specification for integration of an e-commerce web site with PayDollar e-commerce service, the on-line payment service by AsiaPay (HK) Limited, by subscribed merchants of the service. This document has been created to ensure that all technical specifications contain sufficient information to enable a merchant to design and modify the codes of an existing on-line shopping architecture or software to cater for the payment –enabling service.

## Integration

### Requirement of Integration

Before integrating osCommerce with PayDollar payment page, make sure the following requirements are fulfilled :

1. osCommerce v2.2 RC2 is installed, configured properly and put the payDollar module files under the same directory as in the zip file.
2. You have obtained a PayDollar Merchant account, with merchant profile properly filled.
3. The payment method (e.g. VISA, MasterCard ) you are going to select must be supported by PayDollar System. Check payment method details in the “Payment Account Information” of your merchant profile in PayDollar system to make sure appropriate payment method are enabled.

## Configuration of administrative tool – Enabling the payment module

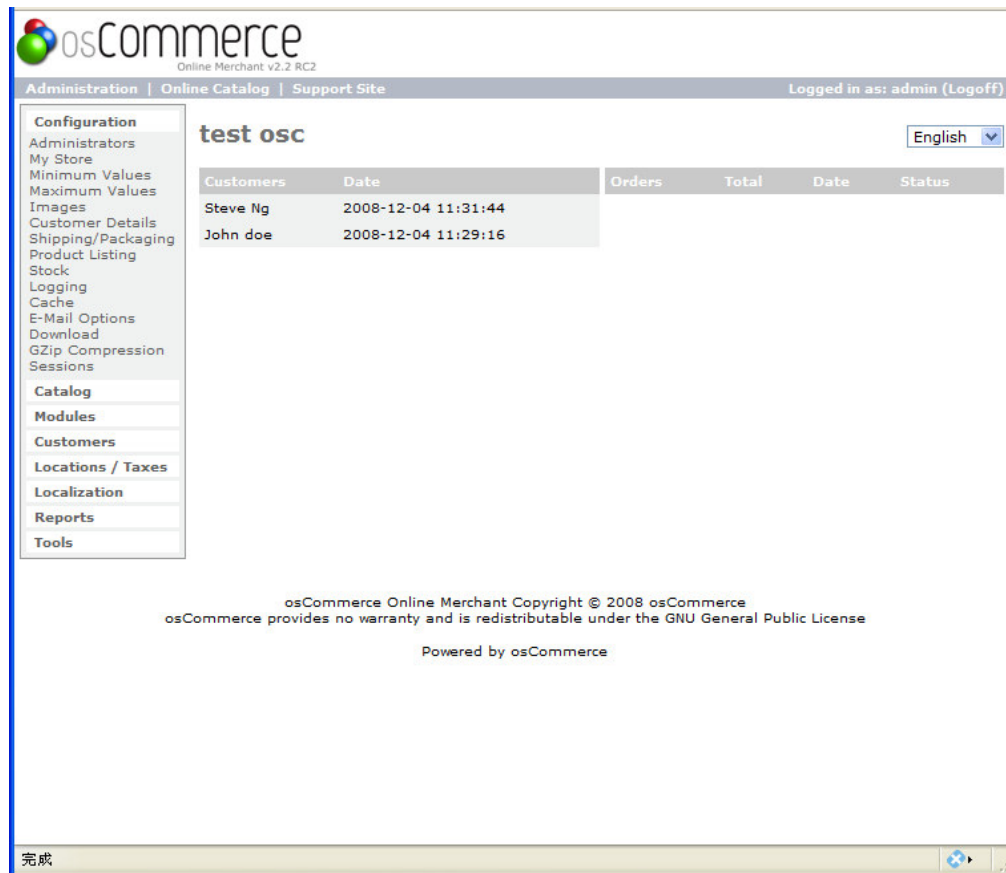
To use the pay by credit card function in osCommerce, configuration has to be done in the administrative tool to enable the pay by credit card payment module.

### 1. Enter Administration Page

Go to the administration page of osCommerce by entering the following address:

<http://www.yourdomain.com/catalog/admin/index.php>

The following page is displayed:



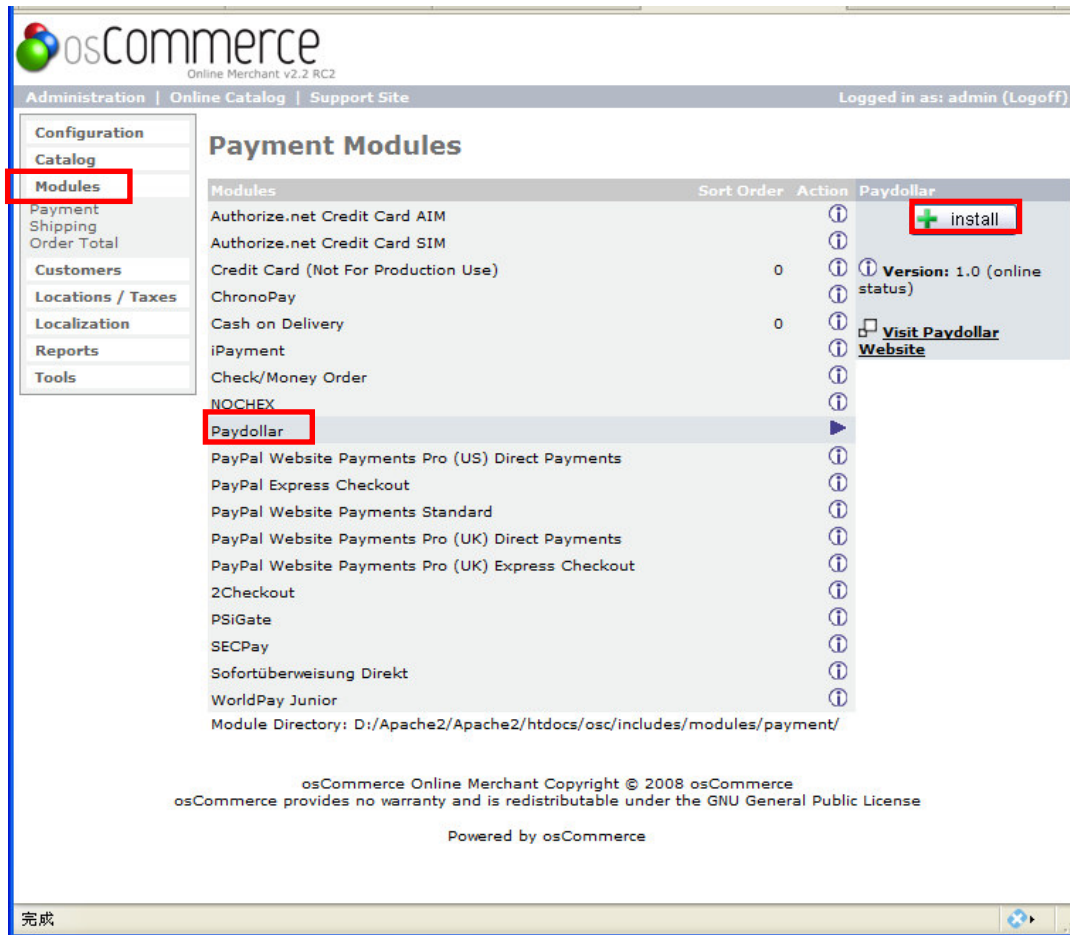
### 2. Choose Modules option

Click on “Modules” option from the action list to enter the modules page.

### 3. Choose payment module

On the module page, click “Payment” from the menu on the left of the screen to enter the page for configuration of payment module.

The following page is displayed:



The screenshot displays the osCommerce Administration interface. The top navigation bar includes 'Administration | Online Catalog | Support Site' and 'Logged in as: admin (Logoff)'. The left sidebar menu has 'Modules' highlighted. The main content area is titled 'Payment Modules' and contains a table of available payment modules. The 'Paydollar' module is highlighted in the list. To the right of the 'Paydollar' module, there is a green '+ install' button. Below the table, the module directory path is shown: 'Module Directory: D:/Apache2/Apache2/htdocs/osc/includes/modules/payment/'.

| Modules   | Sort Order | Action | Paydollar                    |
|---|------------|--------|------------------------------|
| Authorize.net Credit Card AIM                     |            |        | install                      |
| Authorize.net Credit Card SIM                     |            |        |                              |
| Credit Card (Not For Production Use)              | 0          |        | Version: 1.0 (online status) |
| ChronoPay   |            |        |                              |
| Cash on Delivery                                  | 0          |        | Visit Paydollar Website      |
| iPayment  |            |        |                              |
| Check/Money Order                                 |            |        |                              |
| NOCHEX  |            |        |                              |
| <b>Paydollar</b>                                  |            |        |                              |
| PayPal Website Payments Pro (US) Direct Payments  |            |        |                              |
| PayPal Express Checkout                           |            |        |                              |
| PayPal Website Payments Standard                  |            |        |                              |
| PayPal Website Payments Pro (UK) Direct Payments  |            |        |                              |
| PayPal Website Payments Pro (UK) Express Checkout |            |        |                              |
| 2Checkout   |            |        |                              |
| PSiGate   |            |        |                              |
| SECPay  |            |        |                              |
| Sofortüberweisung Direkt                          |            |        |                              |
| WorldPay Junior                                   |            |        |                              |

Module Directory: D:/Apache2/Apache2/htdocs/osc/includes/modules/payment/

osCommerce Online Merchant Copyright © 2008 osCommerce  
osCommerce provides no warranty and is redistributable under the GNU General Public License  
Powered by osCommerce

### 4. Install Paydollar module

Choose “Paydollar” module. Click the “install” button on the right hand side of the screen to install the Paydollar module.

The Paydollar module has been successfully installed.

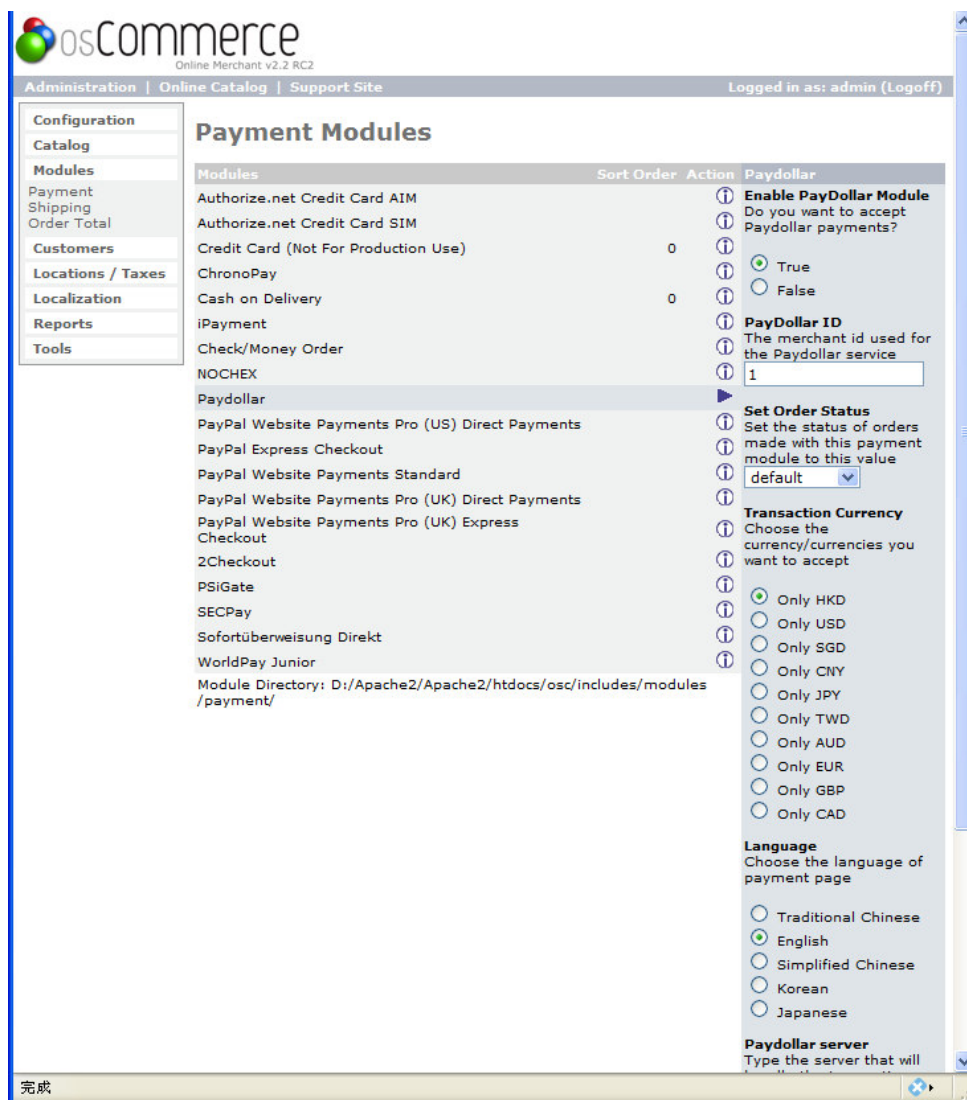
## Configure Paydollar Module

To connect osCommerce to Paydollar payment page, it is needed to enable and configure the Paydollar module properties.

### 1. Enable Paydollar module

Choose “Paydollar” module. Click the “Edit” button on the right hand side of the screen to edit the Paydollar module. Click “True” under “Enable PayDollar Module”.

### 2. Configure Paydollar module



The screenshot shows the osCommerce Administration interface. The left sidebar contains a menu with options like Configuration, Catalog, Modules, Payment, Shipping, Order Total, Customers, Locations / Taxes, Localization, Reports, and Tools. The main content area is titled 'Payment Modules' and displays a list of modules with their sort orders and action buttons. The 'Paydollar' module is highlighted, and its configuration options are shown on the right side of the screen.

| Modules   | Sort Order | Action | Paydollar   |
|---|------------|--------|---|
| Authorize.net Credit Card AIM   |            | [Edit] | <b>Enable PayDollar Module</b><br>Do you want to accept Paydollar payments?<br><input checked="" type="radio"/> True<br><input type="radio"/> False   |
| Authorize.net Credit Card SIM   |            | [Edit] |   |
| Credit Card (Not For Production Use)                                      | 0          | [Edit] |   |
| ChronoPay   |            | [Edit] |   |
| Cash on Delivery  | 0          | [Edit] |   |
| iPayment  |            | [Edit] | <b>PayDollar ID</b><br>The merchant id used for the Paydollar service<br>1  |
| Check/Money Order   |            | [Edit] |   |
| NOCHEX  |            | [Edit] |   |
| <b>Paydollar</b>  |            | [Edit] | <b>Set Order Status</b><br>Set the status of orders made with this payment module to this value<br>default  |
| PayPal Website Payments Pro (US) Direct Payments                          |            | [Edit] | <b>Transaction Currency</b><br>Choose the currency/currencies you want to accept<br><input checked="" type="radio"/> Only HKD<br><input type="radio"/> Only USD<br><input type="radio"/> Only SGD<br><input type="radio"/> Only CNY<br><input type="radio"/> Only JPY<br><input type="radio"/> Only TWD<br><input type="radio"/> Only AUD<br><input type="radio"/> Only EUR<br><input type="radio"/> Only GBP<br><input type="radio"/> Only CAD |
| PayPal Express Checkout   |            | [Edit] |   |
| PayPal Website Payments Standard  |            | [Edit] |   |
| PayPal Website Payments Pro (UK) Direct Payments                          |            | [Edit] |   |
| PayPal Website Payments Pro (UK) Express Checkout                         |            | [Edit] |   |
| 2Checkout   |            | [Edit] |   |
| PSiGate   |            | [Edit] |   |
| SECPay  |            | [Edit] |   |
| Sofortüberweisung Direkt  |            | [Edit] |   |
| WorldPay Junior   |            | [Edit] |   |
| Module Directory: D:/Apache2/Apache2/htdocs/osc/includes/modules/payment/ |            |        |   |
|   |            |        | <b>Language</b><br>Choose the language of payment page<br><input type="radio"/> Traditional Chinese<br><input checked="" type="radio"/> English<br><input type="radio"/> Simplified Chinese<br><input type="radio"/> Korean<br><input type="radio"/> Japanese   |
|   |            |        | <b>Paydollar server</b><br>Type the server that will  |

On the right hand side, you can find several property values.

- PayDollar ID: Your merchant Id registered in PayDollar.
- Transaction Currency: The currency used to do payment. Please make sure the selected currency is the same as that registered in PayDollar and the default currency in your osCommerce.
- Language: The language used in the payment page.
- PayDollar Server: The server url in which the payment will be done. This is given by PayDollar.

## Definition of Parameters in the Integration Page

The following are the parameters for integration. PayDollar PayGate is case sensitive. Make sure the typeface is correct. When a transaction is finished, the system will return customer a payment message. Merchant can create static HTML pages to display the message.

| Input /Return | Parameters<br>(Required<br>Fields are in<br>Bold<br>typeface)<br>*Case<br>Sensitive | Data Type   | Descriptions  |
|---------------|---|---|---|
| <b>Input</b>  | <b>orderRef</b>   | Text (35)   | Merchant's Order Reference Number   |
|               | <b>amount</b>   | Number  | The total amount your want to charge the customer (up to 2 decimal place)   |
|               | <b>currCode</b>   | Text (3)  | The currency of the payment :<br>"344" - HKD<br>"840" - USD<br>"702" - SGD<br>"156" - CNY (RMB)<br>"392" - JPY<br>"901" - TWD<br>"036" - AUD<br>"978" - EUR<br>"826" - GBP<br>"124" - CAD |
|               | <b>lang</b>   | Text (1)<br>("C", "E", "X",<br>"K", "J", "T")                 | The language of the payment page :<br>"C" - Traditional Chinese<br>"E" - English<br>"X" - Simplified Chinese<br>"K" - Korean<br>"J" - Japanese<br>"T" - Thai                              |
|               | <b>merchantId</b>   | Number  | The merchant ID we provide to you   |
|               | <b>pMethod</b>  | Text<br>("VISA", "Mas<br>ter", "Diners",<br>"JCB",<br>"AMEX") | The payment card type   |
|               | <b>epMonth</b>  | Number(2)   | Credit card expiry month  |
|               | <b>epYear</b>   | Number(4)   | Credit card expiry year   |
|               | <b>cardNo</b>   | Text (16)   | Credit card number  |
|               | <b>securityCode</b>   | Text (4)  | Credit Card Verification Code<br>- VISA: CVV (3-digit)<br>- MasterCard: CVC (3-digit)<br>- American Express: 4DBC (4-digit)   |
|               | <b>cardHolder</b>   | Text (20)   | Credit card holder name   |

|   |                   |                        |   |
|---|-------------------|------------------------|---|
|   | <b>failUrl</b>    | Text (300)             | A Web page address you want us to redirect upon the transaction being rejected by us <b>(For display purpose only. DO NOT use this URL to update your system. Please use DataFeed for this purpose.)</b>              |
|   | <b>successUrl</b> | Text (300)             | A Web page address you want us to redirect upon the transaction being accepted by us <b>(For display purpose only. DO NOT use this URL to update your system. Please use DataFeed for this purpose.)</b>              |
|   | <b>errorUrl</b>   | Text (300)             | A Web page address you want us to redirect when unexpected error occur (e.g. parameter incorrect) <b>(For display purpose only. DO NOT use this URL to update your system. Please use DataFeed for this purpose.)</b> |
|   | <b>payType</b>    | Text (1)<br>("N", "H") | The payment type:<br>"N" – Normal Payment (Sales)<br>"H" – Hold Payment (Authorize only)  |
| <b>Optional Parameter for connect to our payment page</b> |                   |                        |   |
| <b>Input</b>  | <b>remark</b>     | Text                   | An additional remark field that will appear in the confirmation email and transaction detail report to help you to refer the order  |

## Datafeed

### Purpose of Data Feed Page

Data feed page is used to receive a real-time result of payment from PayDollar. By comparing the payment information of order in your own database with the information from PayDollar in data feed page (by checking the Merchant's Order Reference Number – "Ref" from PayDollar data feed), you can verify whether the order exist in your own database. By further checking of success code from PayDollar and comparing the amount and currency of the payment, the payment status of order in your own database can be determined and updated.

### Requirement to Data Feed Page

To use data feed function, merchant have to create a data feed page and inform the acquiring bank about the location of your page (e.g. <http://www.yourdomain.com/catalog/datafeed.php>). Merchant has to wait until the bank update the system in order to use this function.

The data feed page must meet the following requirement:

- Print **'OK'** in HTML when data captured (ACK message)
- **Make Sure to Print 'OK' for acknowledge to our system first then do the rest of your system process, if something wrong with your system process (i.e. download photo, ring tone problem) you can send a void request to our system, for more details please refer to our API guide and contact our technical staff.**

\* Since the system will read from the data feed page for the word 'OK' to determine whether the (data feed) message is delivered or not, if this word does not return successfully, the system will assume the data feed is lost.

## Definition of Parameters in the Data Feed Page

If merchant's web site supports data feed, the system can return payment message as shown in the following table.

| Parameters       | Data Type     | Descriptions  |
|------------------|---------------|---|
| Data Feed Output |               |   |
| src              | Number        | Return bank host status code  |
| prc              | Number        | Return bank host status code  |
| Ord              | Number (40)   | Bank Reference – Order id   |
| Holder           | Text          | The Holder Name of the Payment Account  |
| successcode      | Number        | 0- succeeded, 1- Failure, Others - error  |
| Ref              | Text          | Merchant's Order Reference Number   |
| PayRef           | Number        | Payment Reference Number  |
| Amt              | Number (15,5) | Transaction Amount  |
| Cur              | Number (3)    | Transaction Currency i.e.<br>"344" - HKD<br>"840" – USD<br>"702" – SGD<br>"156" – CNY (RMB)<br>"392" – JPY<br>"901" – TWD |
| remark           | Text (200)    | A remark field for you to store additional data that will not show on the transaction web page                            |
| AuthId           | Text          | Approval Code   |

## Configuration of administrative tool – Adding new orders status

Three new orders status which are not included in osCommerce are used in data feed page. Configuration has to be done in the administrative tool to add orders status in osCommerce. Follow the procedures below to add the orders status:

“Payment Successful” – Transaction is accepted

“Payment Failed” – Transaction is rejected

“Amount or Currency not match” – Payment amount or currency is not matched

### 1. Enter Administration Page

Go to the administration page of osCommerce by entering the following address:

<http://www.yourdomain.com/catalog/admin/index.php>

The following page is displayed:

osCommerce Online Merchant v2.2 RC2

Administration | Online Catalog | Support Site

Logged in as: admin (Logoff)

test osc

English

| Customers | Date                | Orders   | Total    | Date                | Status             |
|-----------|---------------------|----------|----------|---------------------|--------------------|
| Steve Ng  | 2008-12-04 11:31:44 | Steve Ng | \$84.99  | 2008-12-10 16:43:42 | Payment Successful |
| John doe  | 2008-12-04 11:29:16 | Steve Ng | \$504.99 | 2008-12-10 16:41:58 | Pending            |
|           |                     | Steve Ng | \$94.99  | 2008-12-10 16:39:30 | Pending            |
|           |                     | Steve Ng | \$44.99  | 2008-12-10 16:34:16 | Pending            |
|           |                     | Steve Ng | \$35.00  | 2008-12-10 16:07:47 | Payment Successful |
|           |                     | Steve Ng | \$35.00  | 2008-12-10 16:00:34 | Payment Successful |

osCommerce Online Merchant Copyright © 2008 osCommerce  
osCommerce provides no warranty and is redistributable under the GNU General Public License

Powered by osCommerce

完成

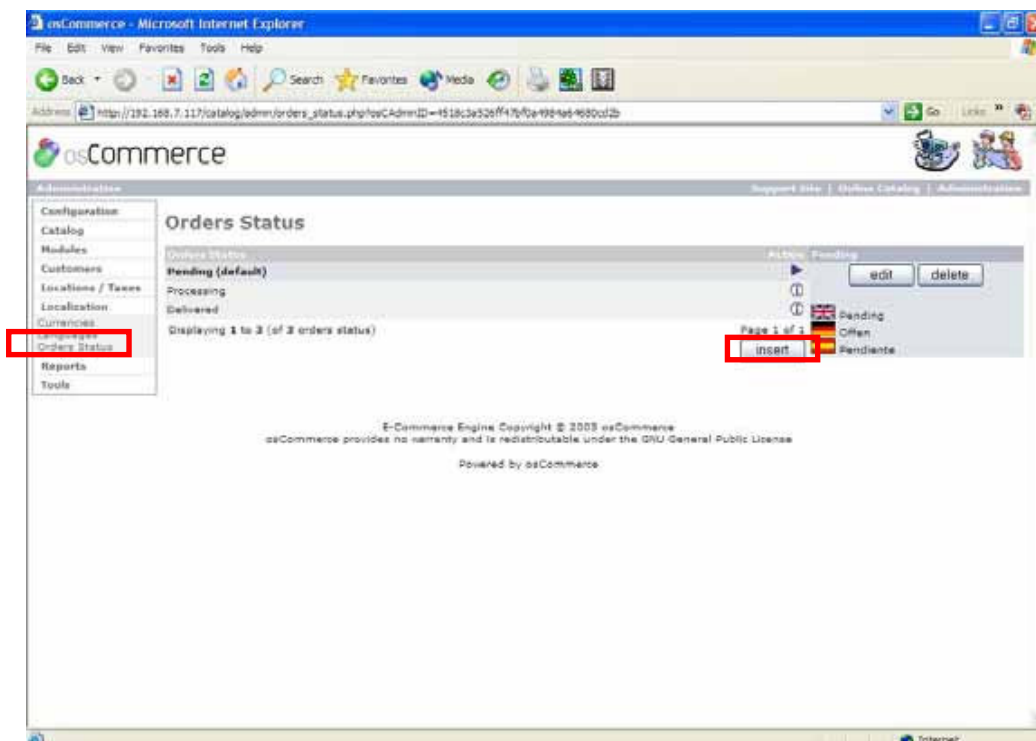
### 2. Choose Localization option

Click on “Localization” option from the action list to enter the localization page.

### 3. Choose orders status option

On the localization page, click “Orders Status” from the menu on the left of the screen to enter the page for handling orders status.

The following page is displayed:



#### 4. Insert new orders status – Payment Success

Click the “insert” button at the end of the table.

Add the option “Payment Success” into the English language field. You may add the text in corresponding language if you have used languages other than English. You have to tick the box beside “Show the order to the customer at this order status level”.

Click “insert” button under the field to confirm.

The screenshot shows the osCommerce administration interface. On the left is a navigation menu with options like Configuration, Catalog, Modules, Customers, Locations / Taxes, Localization, Currencies, Languages, Orders Status, Reports, and Tools. The main content area is titled 'Orders Status'. It contains a table with columns: Orders Status, Public Status, Downloads Status, Action, and New Orders Status. The table lists several existing statuses: Pending (default), Processing, Delivered, Payment Successful, Payment Failed, and Amount or Currency not match. To the right of the table is a form for adding a new status. The 'New Orders Status' field contains 'Paydollar Success' and is highlighted with a red box. Below this field are three checkboxes: 'Show the order to the customer at this order status level' (checked), 'Allow downloads of virtual products at this order status level' (unchecked), and 'Set as default' (unchecked). At the bottom of the form are 'insert' and 'cancel' buttons, with the 'insert' button also highlighted by a red box. The footer of the page contains copyright information for osCommerce Online Merchant and mentions the GNU General Public License.

| Orders Status                | Public Status | Downloads Status | Action | New Orders Status  |
|------------------------------|---------------|------------------|--------|--|
| Pending (default)            | ✓             | ✗                | ⓘ      | Please enter the new orders status with its related data |
| Processing                   | ✓             | ✓                | ⓘ      | Orders Status:   |
| Delivered                    | ✓             | ✓                | ⓘ      | Paydollar Success  |
| Payment Successful           | ✓             | ✗                | ⓘ      |  |
| Payment Failed               | ✓             | ✗                | ⓘ      |  |
| Amount or Currency not match | ✓             | ✗                | ⓘ      |  |

Displaying 1 to 6 (of 6 orders status) Page 1 of 1

☒ Show the order to the customer at this order status level  
☐ Allow downloads of virtual products at this order status level  
☐ Set as default

osCommerce Online Merchant Copyright © 2008 osCommerce  
osCommerce provides no warranty and is redistributable under the GNU General Public License  
Powered by osCommerce

#### 5. Insert new orders status – Payment Fail, Payment Pending

Repeat step 4 with “Payment Fail” orders status added instead, followed by inserting “Payment Pending”.

The new orders status used in data feed page have been successfully added.

## 6. Update Paydollar Module to use newly-added order statuses

**Payment Modules**

| Modules   | Sort Order | Action | Paydollar  |
|---|------------|--------|--|
| Authorize.net Credit Card AIM                     |            |        | <b>Enable PayDollar Module</b><br>Do you want to accept Paydollar payments?<br><input checked="" type="radio"/> True<br><input type="radio"/> False  |
| Authorize.net Credit Card SIM                     |            |        |  |
| Credit Card (Not For Production Use)              | 3          |        | <b>PayDollar ID</b><br>The merchant id used for the Paydollar service<br>102527  |
| ChronoPay   |            |        |  |
| Cash on Delivery                                  | 2          |        |  |
| iPayment  |            |        |  |
| Check/Money Order                                 |            |        |  |
| NOCHEX  |            |        |  |
| <b>Paydollar</b>                                  | 1          |        | <b>Set Paydollar Pending Order Status</b><br>Set the status of pending orders made with this payment module to this value<br>Payment Pending<br><b>Set Paydollar Acknowledged Order Status</b><br>Set the status of successful orders made with this payment module to this value<br>Payment Success<br><b>Set Paydollar Failed Order Status</b><br>Set the status of failed orders made with this payment module to this value<br>Payment Fail<br><b>Transaction Currency</b> |
| PayPal Website Payments Pro (US) Direct Payments  |            |        |  |
| PayPal Express Checkout                           | 4          |        |  |
| PayPal Website Payments Standard                  |            |        |  |
| PayPal Website Payments Pro (UK) Direct Payments  |            |        |  |
| PayPal Website Payments Pro (UK) Express Checkout |            |        |  |
| 2Checkout   |            |        |  |
| PSiGate   |            |        |  |
| SECPay  |            |        |  |
| Sofortüberweisung Direkt                          |            |        |  |
| WorldPay Junior                                   |            |        |  |

Module Directory: D:/Apache2/Apache2/htdocs/osc/includes/modules/payment/

Select Module -> Payment -> Paydollar and Press 'Edit' button. Configure the corresponding order statuses for Paydollar Pending, Success, Fail order status.

Finally, after finishing a payment...

You can check the order status under Customers -> Orders.

**osCommerce**  
Online Merchant v2.2 RC2

Administration | Online Catalog | Support Site | Logged in as: admin (Logout)

**Orders** [back](#)

**Customer:** Steve Ng  
north point  
north point, 0852  
hong kong, Hong Kong

**Shipping Address:** Steve Ng  
north point  
north point, 0852  
hong kong, Hong Kong

**Billing Address:** Steve Ng  
north point  
north point, 0852  
hong kong, Hong Kong

**Telephone Number:** 12345678

**E-Mail Address:** [steve.ng@asiapay.com](mailto:steve.ng@asiapay.com)

**Payment Method:** Paydollar

| Products                          | Model    | Tax | Price (ex)                   | Price (inc) | Total (ex) | Total (inc) |
|-----------------------------------|----------|-----|------------------------------|-------------|------------|-------------|
| 1 x SWAT 3: Close Quarters Battle | PC-SWAT3 | 0%  | 80                           | 80          | 80         | 80          |
|                                   |          |     | Sub-Total: \$79.99           |             |            |             |
|                                   |          |     | Flat Rate (Best Way): \$5.00 |             |            |             |
|                                   |          |     | Total: \$84.99               |             |            |             |

| Date Added          | Customer Notified | Status          | Comments |
|---------------------|-------------------|-----------------|----------|
| 01/20/2009 18:26:08 |                   | Payment Pending |          |
| 01/20/2009 18:26:18 |                   | Payment Success |          |

**Comments**

Status:  [update](#)

Notify Customer: ☒ Append Comments: ☒

[invoice](#) [packing slip](#) [back](#)

## **Sample Data Feed Page**

You can find the datafeed.php in the zip file. It is ready to use to suit general usage.

## Kick Off

After the integration has been completed, it is ready to launch your e-commerce web to serve your customers.

Please copy the following PRODUCTION URL for client post method:

---

<https://www.paydollar.com/b2c2/eng/payment/payForm.jsp>

---

Please copy the following TESTING URL for client post method:

---

<https://test.paydollar.com/b2cDemo/eng/payment/payForm.jsp>

---

*\* All the source code in this document are the property of AsiaPay (HK) Limited. Any use, modification and adaptation to the code should be reported to and approved by AsiaPay (HK) Limited. AsiaPay (HK) Limited do not have any liability in any lose to the party using the source code.*

