



## **Stellar Web Solutions eCart Shop V1.2 (PayPal)**

Issued: 2007 10 03

### ***Overview***

Congratulations on the purchase of the Stellar Web Solutions eCart Shop (PayPal Edition) system. The Stellar Web Solutions eCart Shop interface allows you to integrate PayPal eCommerce features easily into your website. By using this software, you agree to the conditions of the attached licensing agreement. This software is licensed - not sold, please read the license agreement carefully. This software is protected by international copyright, it cannot be redistributed, resold, or transferred in whole or in part in any way.

### ***Requirements***

- This software is designed to work on both Linux/UNIX or Microsoft Windows.
- Web Server with a PHP 4 or higher.

### ***Package Manifest***

The software distribution package contains the following files:

- readme.pdf – this file
- license.pdf – software license.
- stellar-cartmod.php – Shopping cart script and configuration options.
- stellarcart.php – Sample shopping cart page.
- stellarshop.php – Sample shopping page with cart status code.
- catalog.php – Sample PHP product catalog.

## ***Support***

To obtain installation support, we recommend emailing us at [stellar@stellarwebsolutions.com](mailto:stellar@stellarwebsolutions.com). Otherwise, visit [www.stellarwebsolutions.com/en/contact.php](http://www.stellarwebsolutions.com/en/contact.php) for more ways to get support.

## ***Installation Services***

Contact Stellar Web Solutions to inquire about our low-cost Professional Installation Services available.

## ***Features***

Integrates PayPal website payments standard (WPS) with optional encrypted website payments (EWP). Supports the cart upload feature of PayPal to allow multiple products to be purchased in the same order. Support for discounts and 2 option item customization.

## **Secure Anti-eShoplifting System**

- Optional encrypted websites payments (EWP) to encrypt pricing and options prior to transmission to PayPal – see [http://www.stellarwebsolutions.com/en/articles/paypal\\_button\\_encryption\\_php.php](http://www.stellarwebsolutions.com/en/articles/paypal_button_encryption_php.php) for instructions to create the necessary certificates to support encryption and for instructions to add the certificates to your PayPal account.

## **Installation Procedure**

To install the Stellar Web Solutions eCart Shop script there is a three step process:

1. Copy the PHP files to your website.
2. Edit the stellar-cartmod.php PHP file to customize your site settings.
3. Integrate the shopping cart code into your website.

### **Install Step 1: Installing the PHP Files**

Prior to this step, you should have a webserver which can execute PHP code, you should have at least PHP Version 4 or higher. Most commercial hosting services provide PHP already installed.

1. Place the provided .php files on your webserver in a web accessible directory. You can use FTP or a method specified by your internet service provider to upload files to your webserver.

### **Install Step 2: Configuring stellar-cartmod.php text/PHP file.**

The stellar-cartmod.php file is a PHP “include” file with the common variables and functions used to integrate the eCart Shop into your website. This file can be edited with any text editor, if you cannot edit files right on your webserver, FTP the file to a PC where you can use Notepad/Wordpad (or equivalent).

### **Catalog Location**

Replace the path in the following line to the path to your catalog.php file:

```
require_once ('/usr/home/public_html/shop/catalog.php');
```

### **System Variables**

The format of the each variable is “\$variable\_name = 'value'; //comment”:

- \$business = 'paypal@stellarwebsolutions.com';
- \$global\_currency= '\$'; // url to return page for button code
- \$currency\_code = 'USD'; //PayPal currency code for buttons - United States=USD, Canada=CAD, Great Britain=GBP, Euros=EUR etc.
- \$continue\_url = '/shop/stellarshop.php';
- \$cart\_url = '/shop/stellarcart.php';

### **Extra PayPal Settings**

The \$paypal\_cart variable can be used to pass extra variables into the PayPal button.

- \$paypal\_cart = array('name' => 'value',);

## Encryption related settings (only required if you are using PayPal encryption):

- `$use_encryption = 1; //use encrypted website payments 1 / 0 plain text`
- `$site_key = '/usr/home/paypal/prvkey.pem'; //your private key`
- `$site_cert = '/usr/home/paypal/pubcert.pem'; //your public certificate`
- `$site_cert_id = 'ABCDEF1234567'; // certificate id provided by PayPal`
- `$paypal_cert = '/usr/home/paypal/paypal_cert.pem'; //paypal certificate`
- `$sandbox_cert = '/usr/home/paypal/paypal_sandbox.pem'; //paypal sandbox certificate`
- `$site_sandbox_key = $site_key; //your private key for sandbox`
- `$site_sandbox_cert = $site_cert; //your public certificate for sandbox`
- `$site_sandbox_cert_id = 'ABCDEFG123456'; // certificate id provided by PayPal for sandbox`
- `$OPENSSL = "/usr/bin/openssl"; // path to OpenSSL`

## Cart configuration settings:

- `$stellarShop = 'stellarshop1'; //unique ID of the cart in PHP sessions`
- `$display_coupon_entry = 0; //1 - show a coupon entry box/ 0 hide`

You can test you settings by viewing the location of stellarshop.php i your web browser.

## Install Step 3: Integrate the eCart Shop into your website's content.

The stellarcart.php and stellarshop.php files included in this package contains sample code to display the cart contents and shopping status respectively.

### Shopping Cart Page

You can use the provided stellarcart.php page to build your own shopping cart page. Edit the path to your copy of stellarcart.php to provide to correct path to stellar-cartmod.php:

```
<?php include_once("<relative path>/stellar-cartmod.php"); ?>
```

Your content can be added between the lines:

```
<?PHP
    require_once ('<path to>/stellar-cartmod.php');
    //$test_ipn = 1; //set test_ipn to 1 to use the Sandbox for processing
    stellarcart_open();
?>
and:
<?PHP
    stellarcart_action();
```

?>

and through until the end of the file. You can use the SandBox for testing payment processing by uncommenting the line \$test\_ipn=1;

### **Cart/Status Integration into your PHP shopping pages**

To allow the cart status line to be displayed on any PHP page on your site, the following pre-header lines (before your first <HTML> tag) need to be added:

```
<?PHP
    require_once ('<path to>/stellar-cartmod.php');
    stellarcart_open();
?>
```

Then to actually display the cart status line, add the following into the body of the PHP/HTML portion of the page:

```
<?PHP stellarcart_status(); ?>
```

See the stellarshop.php for a sample of the above integration to a sample shopping page.

### **Look and Feel**

Edit the printCart() function in stellar-cartmod.php to change the CSS definitions to your own look and feel.

Edit the stellarcart\_status() in stellar-cartmod.php to change the text/shopping cart icon image for the Cart/Status (quick status display).

## PHP Item Catalog Setup

Items in the catalog.php are stored in a PHP array format, the provided catalog.php file contains sample item entries for item and discount codes in an array called \$items which is an array of associative arrays.

```
array(  
    'item_name' => 'Item Name',  
    'item_number' => 'Item Number',  
    'amount' => '123.45',  
    'on0' => 'First Option Name',  
    'os0' => 'First Option Selection',  
    'on1' => 'Second Option Name',  
    'os1' => 'Second Option Selection',  
    'shipping' => '1.23', //currency amount, first item shipping charge  
    'shipping2' => '1.23', //currency amount, additional items charge  
    'tax' => '1.23', //amount charged for tax  
    'handling' => '1.23', //handling charge  
    'img_sml' => '/images/cart_hat.jpg', //image to display in cart – leave blank for  
    none  
),
```

You can optionally use dynamic PHP code to create the list of items from calculated values or from a database.

All of the above variables are standard PayPal variables.

## Advanced Shipping

In addition to the basic PayPal shipping calculations, you can do advanced shipping calculations by including the variable “shippingmax” - the currency amount for the highest shipping charge for the first of an item in the cart, and “shippingmin” for all additional items. If a higher shippingmax exists for another item in the cart, the shippingmin charge will be used for the item. The total shipping costs will be passed in aggregate in the “handling\_cart” variable.

## Discounts

Discounts are similarly defined as items are, but in the \$discounts array. Coupons require the “id” field while volume discounts which will apply to all customers require the “volume” variable to define the quantity for which the new price takes effect. Either the “percent” or “amount” variable can be used to define the discount. To apply a coupon to all items – leave the “item\_number” field blank and it will apply to all items.

```
array(  
    array(  
        'item_number' => 'Item Number',
```

```
'id' => 'Coupon code',
'percent' => '% discount for item',
),
array(
'item_number' => 'Item Number',
'id' => 'Coupon Code',
'amount' => 'new lower item price',
),
array(
'id' => 'Coupon code',
'percent' => 'cart wide discount percentage',
),
array(
'item_number' => 'Item Number',
'volume' => 'minimum quantity for new price',
'percent' => '% discount for item',
),
array(
'item_number' => 'Item Number',
'volume' => 'minimum quantity for new price',
'amount' => 'new lower item price',
),
);
```

## Shopping Page / Add to Cart Buttons

Items can be added to the Stellar eCart with an HTML form “POST” or added to the URL (GET request). Buttons or get requests should point to your cart page, ie the stellarcart.php.

Fields accepted by the shopping cart page are:

- item\_number – the item number
- coupon – coupon ID code
- on0 and on1 – option names
- os0 and os1 – option choice

Basic add to cart button example:

```
<form action="stellarcart.php" method="POST">  
<input type="hidden" name="item_number" value="stellar-shirt-02">  
<input type="submit" name="Submit" value="Buy Golf Shirt $29.99">  
</form>
```

Example add to cart button with options:

```
<form action="stellarcart.php" method="POST">  
<input type="hidden" name="item_number" value="stellar-shirt-01">  
Size: <select name="os0" >  
<option value="Small">Small</option>  
<option value="Medium">Medium</option>  
<option value="Large" selected>Large</option>  
</select>  
Color:  
<select name="os1" >  
<option value="White" selected>White</option>  
<option value="Black">Black</option>  
</select>  
<input type="submit" name="Submit" value="Buy T Shirt $19.99">  
</form>
```

Example GET requests:

Add a discount:

<http://yoursite.com/shop/stellarcart.php?coupon=savings1>

Add an item:

[http://yoursite.com/shop/stellarcart.php?item\\_number=stellar-hat-07](http://yoursite.com/shop/stellarcart.php?item_number=stellar-hat-07)

See the example code in stellarshop.php for more sample add to cart buttons.

## Clearing the Cart

You can optionally clear the shopping cart contents after a purchase by adding the following to a return page (you can specify the return URL by adding the line “return’ => <http://www.yoursite.com/shop/return.php>,” to the \$paypal\_cart array in stellar-cartmod.php to automatically redirect users to the return page after a purchase – the 'cbt' variable defines the text for the return to merchant link).

Before the first <HTML> tag, add the following code to a return page (ie return.php):

```
<?PHP
require_once ('stellar-cartmod.php');
stellarcart_close();
?>
```

Congratulations, you have now installed the Stellar Web Solutions eCart system.