GJC Web Design AusPost Virtuemart 3&4 Shipping Plugin

This is the VirtueMart 3&4 AusPost "Australia Post" Shipping Plugin that fully integrates and shows real time shipping quotes based on vendor and customer postcodes in the checkout process. Installs as a native VirtueMart 3 or 4 Joomla 3 or 4 Shipping Plugin.

You can download it here - Download
Price is €50.00

Dedicated Test Site Here GJC Web Design Aussie Test Site

Installation Instructions
N.B. Your units for the product need to be in centimeters and kilos!

| Product Information | Product Description | Product Status | Product Dimensions and Weight |

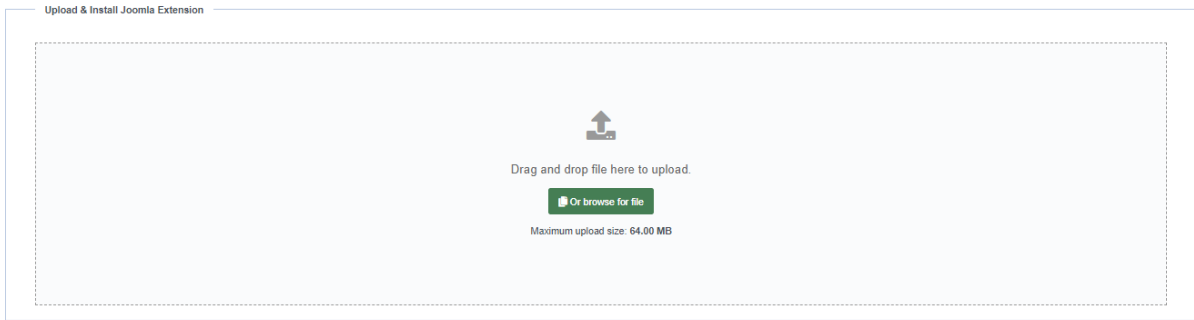|		
Product Length	40.0000	Centimeters
Product Width	10.0000	
Product Height	10.0000	
Product Weight	5.0000	Kilograms
Product Unit		
Product Packaging	0	
Units in Box	0	

Enable Automatic Selected Shipment? ☑

works best with

After downloading the package (VM.3.0.auspost.shipping.plugin. UNZIPFIRST.zip) first unzip it.
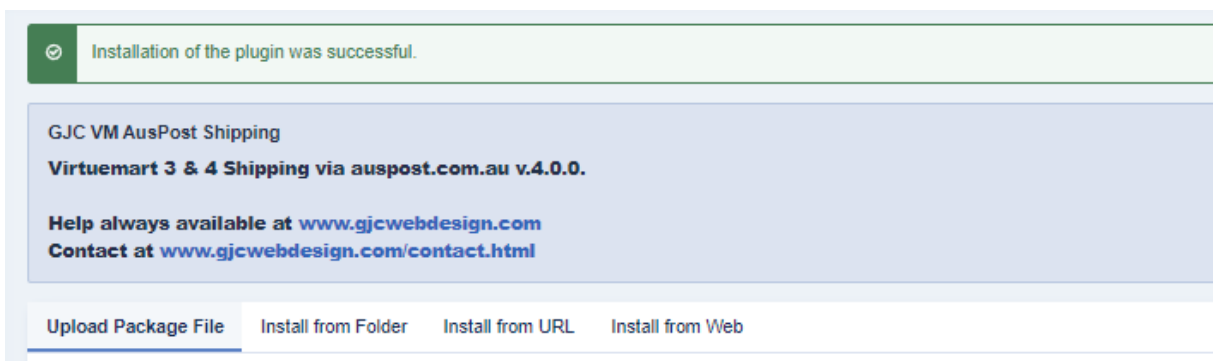
📄 GJC_Web_Design_AusPost_Virtuemart.pdf
🗜 VM.auspost.shipping.plugin.4.0.0.zip

Use the standard Joomla Installer to install the zip file VM.auspost.shipping.plugin.4.0.0.zip
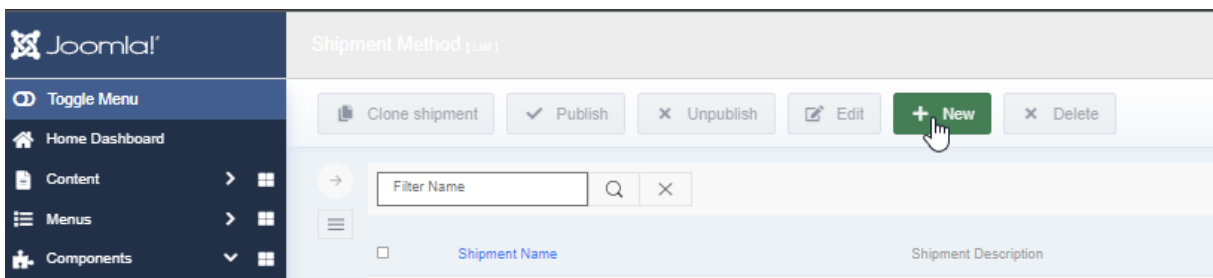
The success message will appear
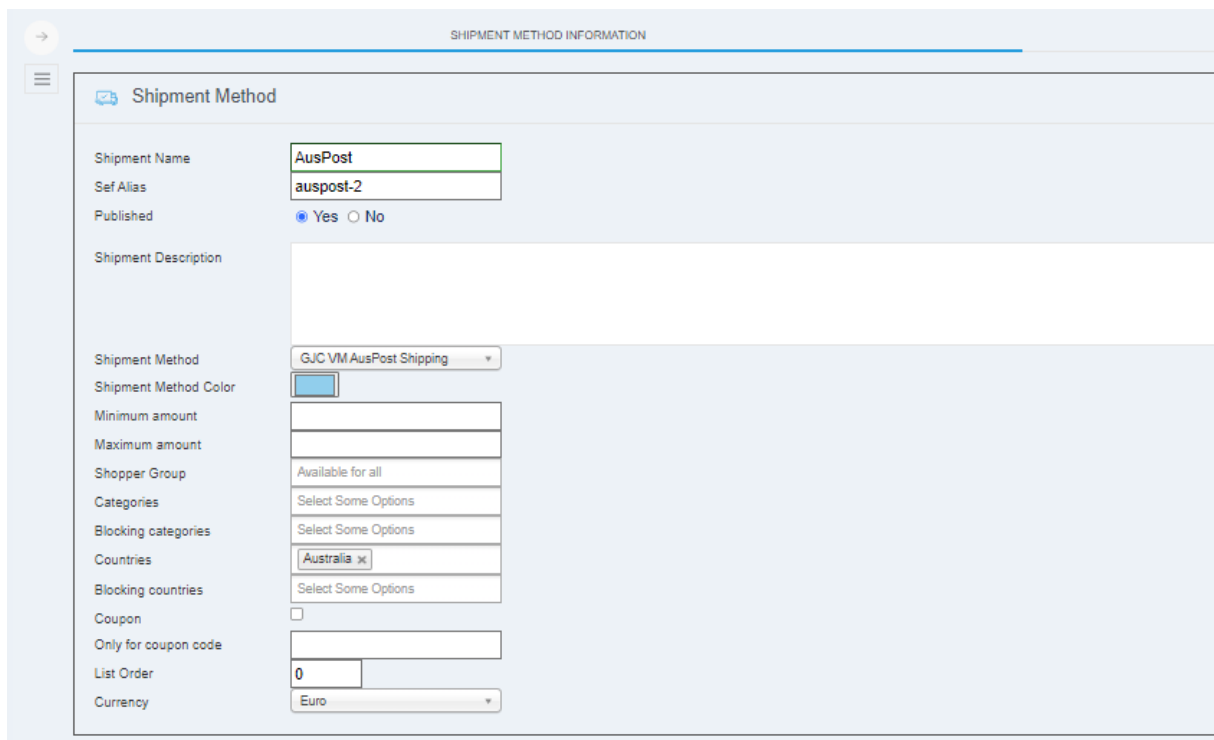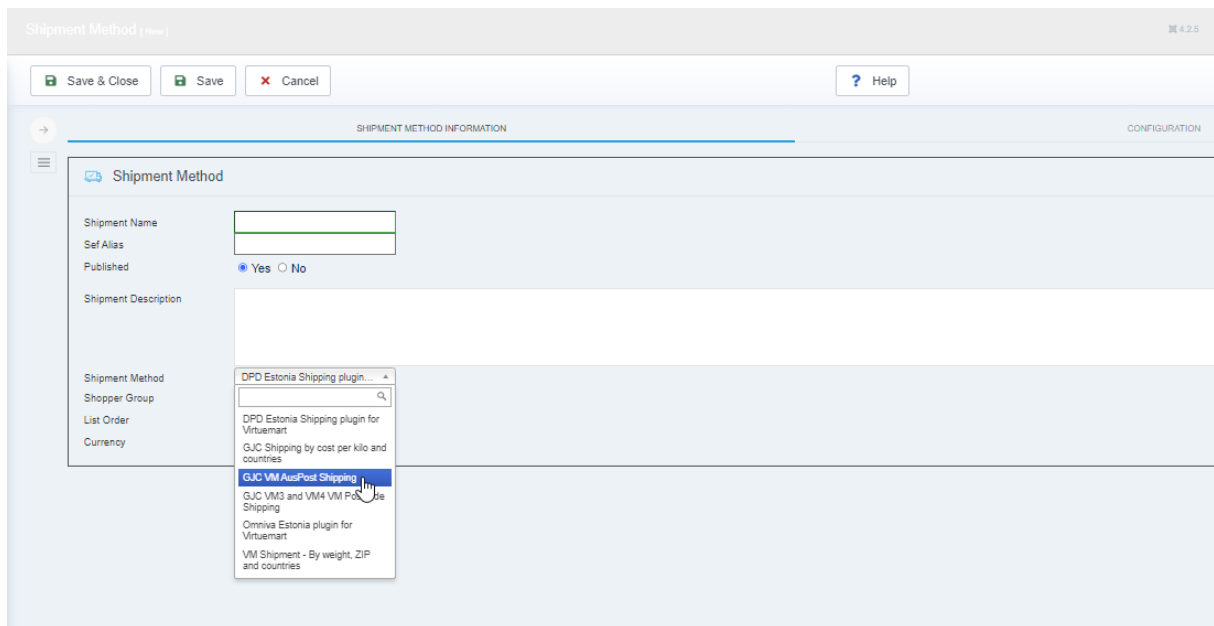

Make a new Shipping Method:

Now go to Components->Virtuemart and browse to Shop->Shipment methods. Click on "New".

The configuration page will open.

Give the new method a title and select ' VM Aus Post Shipping ' as the method.

Select the countries etc.

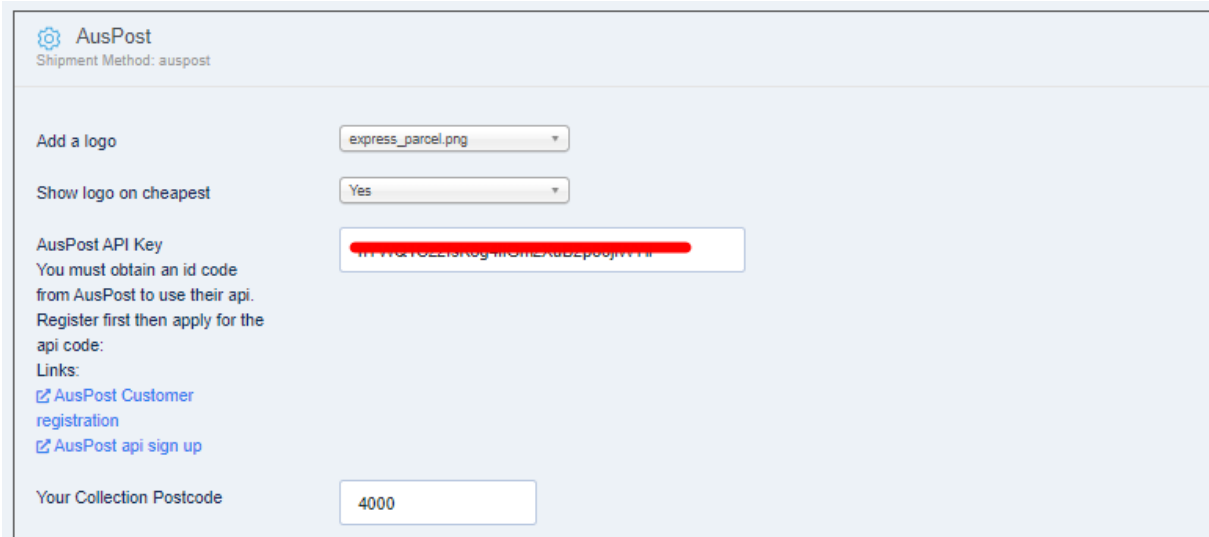# Configuration:

Now click the 'Configuration' Tab.

You need to apply for a AusPost api key. First register at
https://id.auspost.com.au/csso/login/register and then obtain your api key at

https://auspost.com.au/devcentre/pacpcs-registration.asp

Copy paste in your code, select an icon (you can upload your own to plugins/vmshipment/auspost/auspost_images/) and fill in YOUR postcode.
You can choose to show the logo on " Cheapest Rate Always" or not

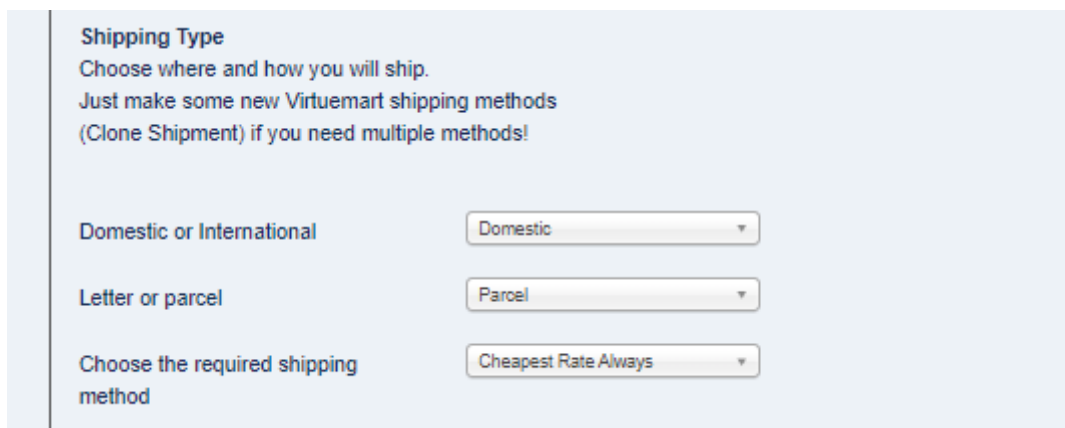## Shipping Method:

The next step is to configure which shipping method you require.

Choose Domestic or International, Parcel or letter and then the corresponding method.

If you choose ' Cheapest Rate Always ' it will return always the cheapest method only.

All possible AusPost methods are available. If you need multiple methods we show you how to do that later (just clone the current one)

Domestic Insurance:

Now choose ' Insurance ' if you require it. This is charged by Auspost at $1.50 per $100.

The "Signature on Delivery" fee is automatically added on shipments over $300.

This is a AusPost requirement.

Insurance

Choose if you require insurance on your shipping.
AusPost charges $1.50 per $100 - ONLY
DOMESTIC!
Signature on delivery will be added on if the value is
above $300.
See http://auspost.com.au/parcels-mail/optional-
extras-domestic.html &
http://auspost.com.au/parcels-mail/international-
delivery-services.html

Incl. Insurance @ $1.50 per $100	○ No ● Yes
Insurance Fee per $100	1.50
Insurance Label	with insurance

| Product prices result | $12.00 |

Enter your Coupon code   [Save]

Auspost Parcel Post Medium (3Kg) Satchel (with insurance : $1.50) — $14.90

Change Shipment
Paypal
Change Payment

Signature on Delivery:

Now choose ' Signatures on Delivery ' if you require them.

Packing Fee:

And then any packing fee you might want to add to the price returned by AusPost - this can be one time or per product.

Discount:

You can choose to offer a discount on the returned AusPost prices - configure here:

Discount
You can add either a set discount or percentage discount.
Leave empty if not required!!

Discount Amount

Discount trigger level

Discount Type
○ Fixed Amount
○ Percentage

Discount Message

Tax:

You can now configure your GST. Auspost returned prices are inclusive of GST so if you enable the Tax option our plugin will calculate the amount of GST at your current tax rate and display it in the Cart. You of course need to configure the tax rate first in VM if you are charging GST.
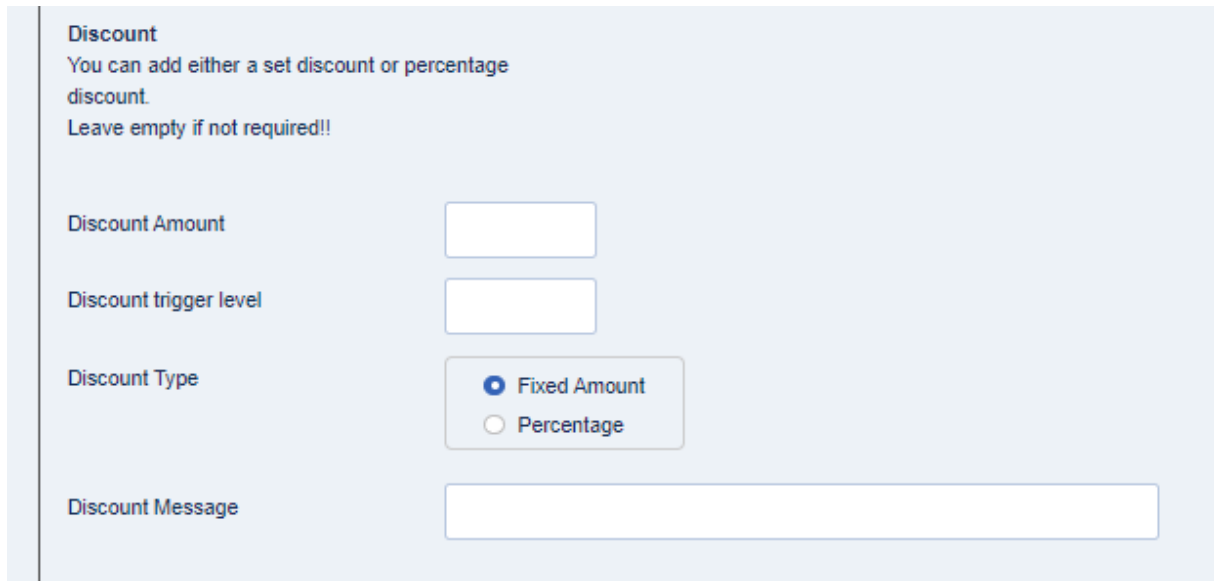
AusPost Tax
Note: AusPost returns the gross amount - i.e. GST incl.. If you choose to show tax i.e select a rate here - then the GST will be first subtracted from the AusPost return and then re-added by VM. Tested accurate so should use.
:)

Tax

Apply no rule

Apply no rule

Apply default rules

Weight Ranges:

Set the weight limits for the method here.

The maximum for normal parcel rates is 22 kg. Set also a minimum of 0.5kg as these low weight items can be sent by Letter rate. (configure separately)

Satchel weights should also be set here if you are configuring these methods.

Lowest Weight to ship(kg - no units)	1
Highest Weight to ship (kg - no units)	25

New for 3.3.5 is the ability to add overweight shipments .. (i.e. send an over weight order in 2 or more parcels). Auspost has a Max of 22kg so if enabled the system finds the cost of a 22kg order and adds a per kilo amount to the over weight based on the returned cost. As this relationship is not linear there is a fiddle factor to increase the price per kilo added to the overage. You need to experiment with this a little but I found a factor of 1.7 gave fairly accurate results.

Allow overweight orders	● No ○ Yes
Overweight factor (if above enabled)	1.7

You can also show weight and postcode in the frontend display

Show weight & volume	○ No ● Yes
Show postcode	○ No ● Yes

Auspost Parcel Post (with insurance : $1.50)

Weight: 8.2Kg - Volume: 0.000m^3
Postcode: 2000

Free shipping:

It is also possible to have free shipping for a method for orders over a certain value.

Leave blank if you don't need this.

Free Shipping
Choose if you want to provide free shipping. Leave empty if not needed!

Free Shipping from	200
Label for Free Shipping	Free Shipping!

Standard shipping size:

As you probably know AusPost calculates the shipping cost based on weight. But they also calculate a "volume weight" based on length x height x width. This will apply to large bulky but light parcels but won't affect 99% of users (unless you ship feathers etc). Therefore AusPost requires these measurements to be sent as well.

There is also a 105cm length limit on standard parcel measurements and a length limits for the Satchels. This is also checked by the plugin.

If your articles have only weights without size measurements the plugin will calculate a per side measurements to send to AusPost (they are required) based on the cube root of the total volume.
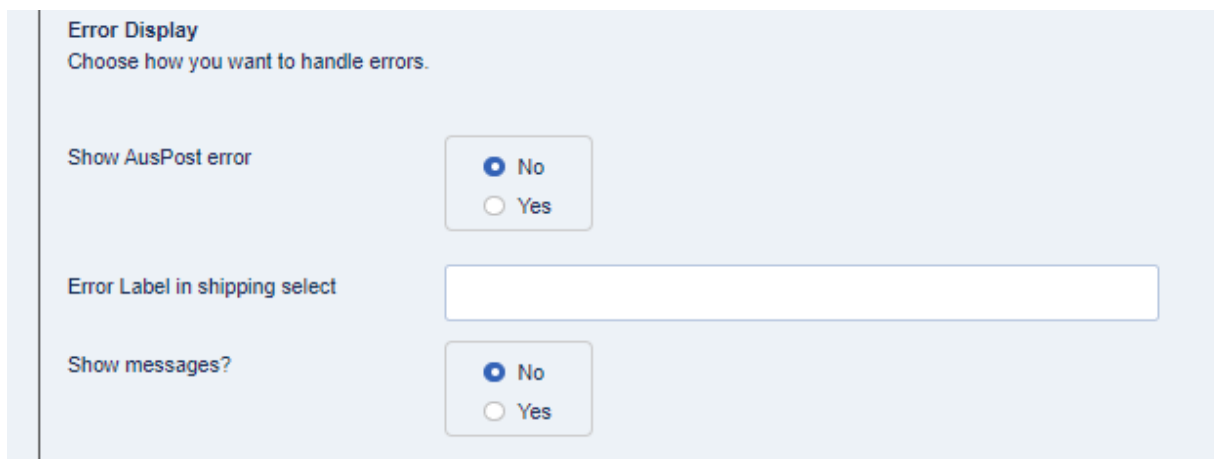
This is an all or nothing system - so if you have no measurements it will work but if some of your items have measurements and are added to the cart with the non-measurement items the total of the with measurements will be used and be inaccurate!

For best accuracy ALWAYS ad measurements to your products especially if they are of "unusually" large sizes!

Display options and error handling:

Different ways can be configured to handle errors (non existing postcode, AusPost doesn't respond etc). If a valid response is not returned then this method will not be available so you don't offer free shipping unawares! Experiment with the different configurations to see what suits best.

Our plugin first validates all entries so this is also a de facto postcode checker.

Debugging setting:

There is extensive debugging available to help with any issues. If you do have a problem we are here to help - just use our Support page at http://www.gjcwebdesign.com/home/support.html

We may ask you to copy paste the debug to help us diagnose your problem - but 99% of the time all runs smoothly! There is also a "fail the server" option so you can check how your settings respond if the Auspost server doesn't respond.

Improving the display

You can add a bit of css and get rid of the Discount/Fee: label to tidy the layout.

Discount/Fee: - language/en-GB/en-GB.com_virtuemart.ini around line 297

change to COM_VIRTUEMART_PLUGIN_COST_DISPLAY=""

css - add the following at the bottom of your (normally)
components/com_virtuemart/assets/css/vmsite-ltr.css

```
.cart-summary input[type="radio"] {
  display: block;
  float: left;
  height: 20px;
  margin: 0 5px 0 0;
  vertical-align: middle;
}
span.vmshipment_description, span.vmshipment_cost {
margin:0 0 5px 0;
display:inline;
}
.vmshipment_cost {
    color: #FF0000;
}
.vmshipment_name {
    font-weight: bold;
}
.auspostmethods input {
    cursor: pointer;
}
.vmCartShipmentLogo {
float:left;
margin:0 5px 0 0;
}
```

Adding $0.00 when free post is triggered (VM2.x)

If you need the $0.00 to appear in the Cart when free shipping is triggered you need to replace the shipping price table cell in your **cart/tmpl/default_pricelist.php** around line 334 on the default template the following code found here:

```
<td align="right"><?php
      if(empty($this->cart-
>pricesUnformatted['salesPriceShipment'])){
      echo $this->currencyDisplay->createPriceDiv
('salesPriceShipment', '', '0.00', FALSE);
      }else{
      echo $this->currencyDisplay->createPriceDiv
('salesPriceShipment', '', $this->cart-
>pricesUnformatted['salesPriceShipment'], FALSE);
      }?> </td>
```

Below is a round up of the main features of our plugin. We hope you are satisfied with it.

Regards,

John,

GJC Web Design.

The Australian Post Virtuemart 3 & 4 Shipping Plugin

Our VirtueMart 3 & 4 Shipping Module/Plugin for the Australian Post Office Parcel Service - Domestic and International services has been in constant development since we followed up our Australian Post VM1.1 version in early 2012.

So we thought it is about time we had a round up of what it can do and how best to configure it as a lot of new features have been added over the last year.

The latest version is 4.0.0. This is fully compatible with both VM3 & 4 and Joomla 3 & 4
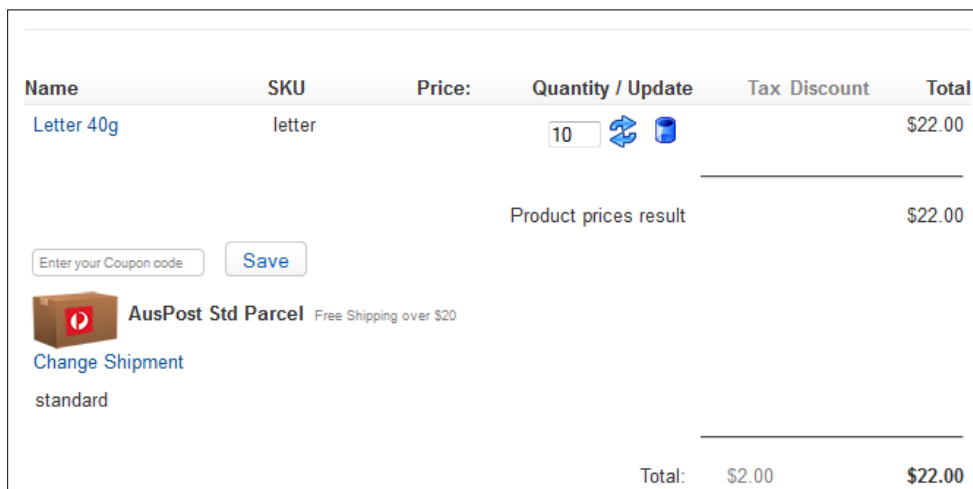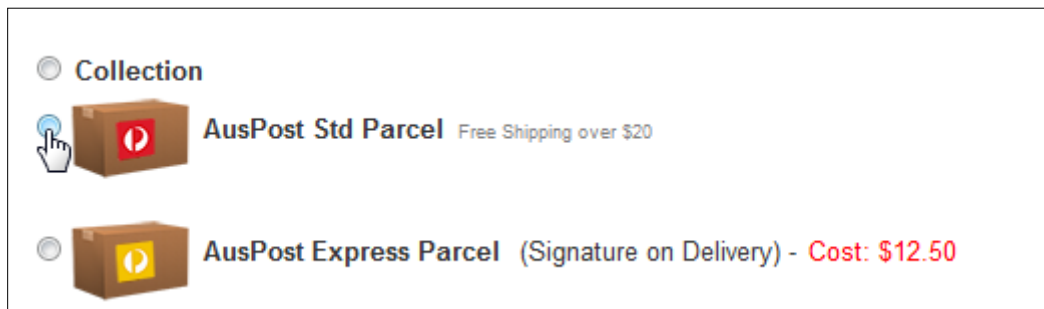
Remember - updates for current major VM or Joomla releases free for 12 months!!!

Any questions just use our Support Page - please mention your order id and email you used while ordering.

Features:

Free shipping with proper labels:
Many shipping plugins just return a blank when free shipping is triggered. Ours returns a proper label!

Add your own icon images:
Just upload your own images (60px x 40px) to plugins/vmshipment/auspost/auspost_images/ and they will be available in the plugin admin for selection.

Automatically finds the cheapest AusPost method:
If you select 'Cheapest Rate Always' in the 'Choose the required shipping method' drop down our plugin will automatically find the cheapest rate and display its correct name!

N.B. don't mix the 'Cheapest Rate Always' with other relevant (i.e. Domestic or International) methods.

Over length protection:

AusPost sets length limits for it's parcel delivery as below:

- Standard parcel: 105cm
- Small satchel: 35.5cm
- Medium stachel: 40.5cm
- Large satchel: 51cm

(source: http://auspost.com.au/parcels-mail/prepaid-satchels.html)

We have of course provided full length detection for these methods and if any of the products in the order are over these dimensions (and your not using 'One click set for measurements') that particular method will not be returned by the system.

One click set for measurements:

As you probably know AusPost calculates the shipping cost based on weight. But they also calculate a "volume weight" based on length x height x width. This will apply to large bulky but light parcels but won't affect 99% of users (unless you ship feathers etc). Therefore AusPost requires these measurements to be sent as well.
There is also a 105cm length limit on standard parcel measurements and a length limits for the Satchels. This is also checked by the plugin.

If your articles have only weights without size measurements the plugin will calculate a per side measurements to send to AusPost (they are required) based on the cube root of the total volume.

This is an all or nothing system - so if you have no measurements it will work but if some of your items have measurements and are added to the cart with the non-measurement items the total of the with measurements will be used and be inaccurate!

For best accuracy ALWAYS ad measurements to your products especially if they are of "unusually" large sizes!

Fail safe protection:

We have had some reports of the AusPosts servers timing out at busy periods in which case a the native shipping routines would consider a no-return as zero and make it selectable for the client!

We have coded the AusPost Shipping Plugin to check for a valid response and if non is received to grey out (make non-selectable) the radio button and to display a message: 'AusPost did not respond - please try again'. There is also a debug option for this.

Fully GST compatible:

Our plugin also is coded to provide the correct GST display within the cart, taking the value from the tax configuration of your site.

Name	SKU	Price:	Quantity / Update	Tax	Discount	Total
Hammer Chain size 30	H02		1	$0.12		$6.04 $5.92
			Product prices result	$0.12		$5.92
AusPost Parcel Post Satchel				$1.52		$16.70
Change Shipment standard						
			Total:	$2.07	$0.12	$22.62

Clear Information for your visitors:

We also return the error messages from AusPost to the client so they understand any problem that may occur e.g. a non-valid postcode.
This can be displayed in the methods themselves or use the Virtuemart messaging system or both.

You can even choose your own message to display in the methods when an error occurs!
The method selection of course is disabled for any method that has an error .

You are here: Home ▸ Shopping cart ▸ Select shipment

ⓘ Info: auspost.com.au : Please enter a valid To postcode.

AusPost Parcel Post Satchel Please enter a valid To postcode.

AusPost Express Post Satchel Please enter a valid To postcode.

Pre-fail on errors:

Another feature for each domestic method is Pre-fail on an AusPost error (normally it would be a non valid postcode). This effectively works as a postcode validation for your site, by simply changing the default VirtueMart error message 'We are sorry, no shipment method matches the characteristics of your order.' (COM_VIRTUEMART_CART_NO_SHIPPING_METHOD_PUBLIC) to 'Please check your postcode!'

Please select a shipment method

Please check your postcode!

Signature on Delivery:

This is fully configurable in the plugin administration with choice of price and label. The labelling is automatic.

AusPost Std Parcel - Cost: $13.60

AusPost Express Parcel (Signature on Delivery) - Cost: $26.30

Full debugging available:

If for any reason the AusPost Virtuemart shipping plugin doesn't return what you expected debugging is a breeze. Simply switch on the debugging option in the AusPost plugin options and a full and complete readout of everything the system is calculating and receiving from AusPost is printed out. Any problems are simple to diagnose! - from v1.2.6 full cURL debugging to diagnose any connection problems.

```
Debug Line 292 $TotalQuantity
1

Debug Line 307 $shipmethod AUS_PARCEL_REGULAR
Debug Line 308 $shiptype 0
Debug Line 309 $packtype 1

Debug Line 426 $link
https://auspost.com.au/api/postage/parcel/domestic/calculate.xml?from_postcode=6000&to_postcode=2000&length=20&
height=20&width=20&service_code=AUS_PARCEL_REGULAR&weight=1

Australia Post assesses charges for parcels according to their actual or cubic weight equivalent, whichever is greater. Weights
```

There is also "Minor Debugging" so you can check that your configuration is doing what you want it to!

```
Minor Debug for Auspost Shipping
Debug for AusPost Regular Parcel Method ID:1 - GJC Auspost 1.2.8
Country condition "true"
Length condition "true"
Weight condition "true" (4Kg)
Destination Postcode: 4670
No measurements - dummy values used.
Quantity is 2
Volume is 8000cm²
Calculated lengths are 20.00cm per side
AusPost returns $28.65 incl. GST
Service: Parcel Post
AusPost returns $26.05 ex. GST
```

Configuration

Our plugin is very simple to install and configure and if you need any help we are always here. Just read some of the reviews on Joomla Extensions to see what other customers think of our service!

http://extensions.joomla.org/extensions/extension-specific/virtuemart-extensions/virtuemart-shipping/20740

Change Log

notice suppression 05.07.2012

letter added 19.08.2012

free shipping added v1.1.8 12.12.2012

free bug fix (if no $free) v1.1.9 28.12.2012

bug fix (debugging var) v1.2.0 3.01.2013

error handling v1.2.1 26.01.2013

GST handling v1.2.2 12.02.2013

new error handling v1.2.3 25.02.2013

INTL_SERVICE_RPI v1.2.4 16.05.2013

icons, Signature on Delivery, Auspost service names updated v1.2.5 27.09.2013

cURL debugging v1.2.6 16.10.2013

logo choose on cheapest v1.2.7 12.11.2013

added discount v1.2.7_dis 30.11.2013

heavy rewrite - eliminated extra cURL calls v1.2.8_dis 30.11.2013

insurance added 20.01.2014 v1.2.9

height bug fixed on large volumes 17.07.2014 v1.3.0

complete rewrite for Joomla3/VM3 26.08.2014 v3.3.1

complete rewrite of conditions 28.08.2014 v3.3.2

plgVmDeclarePluginParamsShipmentVM3 15.10.2014 v3.3.3

added discount trigger level 09.03.2015 v3.3.4

added overweight routine 12.11.2015 v3.3.5

new Int codes 14.06.2016 v3.3.6

new endpoint urls https://digitalapi.auspost.com.au 28.06.2016 v3.3.7

fix for latest ShipTo address select / postcode in display 14.09.2016 v3.3.8

weights in display, volume fix, mm heights 24.09.2016 v3.3.9

updater server entered 01.01.2017 v3.4.0

28.01.2017 v3.4.1 $address call changed : $address = $cart -> getST(); line 236 & 866

09.09.2017 v3.4.2 bug fix on calc lengths line 357 - added dynamic update

12.07.2018 v3.4.4 bug fix $overweightfactor - line 613

01.09.2019 v3.4.5 New AusPost Satchel codes added

12.11.2020 v3.4.6 bug fix displays free/postcode etc - line 1545

02.10.2021 v3.4.7 new parcel codes

10.01.2022 v3.4.8 php 8 fixes

11.12.2022 v4.0.0 php VM4 / Joomla 4