



VP-ASP Shopping Cart

Developer's Guide Customization and Web Interfaces

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1 VP-ASP Shopping Cart

Thank you for purchasing the VP-ASP Shopping Cart. We hope you make your fortune selling on the Internet.

VP-ASP Shopping Cart has been designed for any kind of Internet shop. It has every major feature you would expect from an e-commerce solution and some unique features that can make your shop easier to implement.

VP-ASP is composed of a number of Active Server Page (ASP) files. Active Server Pages consist of a mixture of normal HTML and program logic. The database is used to store product information, customer information and orders and other information.

Please use this as an approximate guide only. Logic and features are all subject to change.

1.1 Overview

VP-ASP Documentation is divided into four documents:

- **VP-ASP Merchant Guide** - tells you how to configure and use the VP-ASP Shopping Cart.
 - **VP-ASP Developer's Guide** - has information related to altering VP-ASP colors, fonts and look and feel. It also includes a troubleshooting guide for database and mail related problems. Other issues include security, troubleshooting, database format, taxes, shipping, discounts and more.
 - **VP-ASP Installation and Trouble Shooting** - has information for setting up your database, installing VP-ASP files and general testing and security issues.
 - **VP-ASP Option Package** - has information related to the VP-ASP Option Package. This includes gift certificates, discount coupons, affiliates, order tracking, html mailing, auto generation of HTML pages, project payments and gift registry..
-

1.2 Requirements Windows

VP-ASP requires a server capable of running Active Server Pages. These servers include Microsoft Personal Web Server on Windows 95/98/ and Microsoft IIS on Windows NT/2000/XP . Personal Web Server (PWS) is supplied free by Microsoft and is included on the Windows 98 CDROM.

VP-ASP uses a Microsoft Access Database. An Access 2000 database has been supplied. You do not need to install Microsoft Access or Microsoft Office to use the VP-ASP Shopping Cart. An Access 2002 or Access 97 database can also be used. Some later versions of Microsoft 2000 and XP do not support Access 97 databases.

1.3 Requirements Unix

VP-ASP Unix requires a server have Chilisoft ASP installed. This product is supplied by www.chillisoft.com. It also requires that MYSQL database support. Unix support is a separate fee payable add-on.

1.4 Gift Registry

The Gift Registry allows customers to choose a variety of gifts from your shop and save them in the registry. Friends and relatives can then come back to the shop and buy those specific gifts. This can be used for weddings, anniversaries, wish lists, birthdays, Christmas and other events. The Gift Registry is a separate fee payable add-on.

1.5 VP-ASP Shopping Cart Features

- Free full source code
- Free detailed design guide
- Free support for six months
- Free demo shop included
- Free upgrades for a year
- No system modifications or DLLs to install
- Can be used on any web hosting company that supports *Active Server Pages* or run on your own *Windows 95/98/NT/2000/XP*.
- Unix Version requires *Chilisoft ASP* and *MYSQL*
- Uses *Microsoft Access* database (supplied)
- Can use *Microsoft SQL Server*
- *MYSQL* database for Unix and Windows

1.6 Features - Product Display

- Unlimited products, categories and subcategories
- Unlimited product features such as color, size etc
- All product displays are dynamic
- Product images are automatically displayed
- Automatic hyperlink to your own extended description page
- Automatic generation of extended description page
- Products can be prevented from displaying
- Out of stock messages
- Multiple product ordering with one button press
- Customer based pricing - each customer can see different prices
- Quantity based pricing
- Dual currency displays
- Prices can be turned off completely
- Products can be sorted by any field
- Product display is fully customizable
- Taxes can be specified by product if required
- Minimum quantity can be required
- Product reviews
- Tell a friend

1.7 Features - Merchant Administration

- Full online administration allows merchants to view and process orders
- Change and add/delete products while the shop is running
- Edit any table at any time
- Sales reports keep the merchant up to date
- Merchant notified by e-mail per order
- Add attachments to customer confirmation e-mail
- Merchants can easily extend the facilities of VP-ASP at the end of an order to interface to special fulfilment processes
- Stock reports provide details by product
- Generation of download links on completion of order (free add-on)
- VP-ASP supports just about any payment system: Electronic gateways for direct deposit into your account
- Any type of non credit card payments
- Manual credit card handling just like your existing phone order

- Different administrators can be given different privileges for tables and menu items
- Additional administrative menu items unique to your installation can be added
- Email to any number of other people using unique templates. *
- Full generic SQL queries of any VP-ASP table
- Bulk Import of products and bulk browser based stock updates
- Export data for your account packages
- Mail to all or select customers from the database
- Discounts are automatically applied when a customer logs in and if the merchant has specified a discount
- Quantity based discounts. If a customer orders x of something unit price can change dynamically. You define the discount algorithm.
- Quantity based pricing. VP-ASP can automatically adjust prices of a product based on price ranges. Optionally you can allow the customer to see the original price.
- Discount Coupons *
- Gift Certificates *
- VP-ASP will use SSL encryption if it is installed on your web site
- Databases can be "off the web" to prevent hacking attacks
- Online administration is protected by passwords
- Credit cards can be encrypted when stored in the database
- Support for SSL on a different server
- Gift Registry/Wish List

1.8 Features - Taxes and Shipping

- VP-ASP comes with eight different types of shipping calculations built in: table lookup, weight, weight range, quantity, quantity range, price range, price, fixed, none
- Shipping can be removed with a configuration statement
- Shipping form is optionally displayed
- Additional shipping algorithms can be easily added
- UPS Real Time, and UPS database lookup are supplied as a free add-on
- FedEx database lookup is supplied as a free add-on
- Australia Post real time and Canada Post real time are supplied as free add-on
- Product based shipping. Each product can have its shipping cost specified in the products table
- VP-ASP caters for most US states and country taxes using a general purpose routine
- Drop down list for US states is configurable
- Drop Down lists for countries is configurable
- European countries without states can configure to remove state prompt
- Handling fees can be configured separately from shipping

1.9 Features - International

- VP-ASP can run in just about any world language by translating only two language files
- Free language files available are: German, Italian, French, Danish, Dutch, Finnish, Chinese, Japanese, Swedish, Spanish, Portuguese, Hungarian, Hebrew and others as they become available
- All shopping, mail and administration can be in any language
- Local system currency and dates are supported automatically
- Dual Pricing - show products in local currency and Euros or any other second currency
- Language switching - change language captions while the shop is running

1.10 Features - Electronic Gateways

- VP-ASP supports many electronic gateways and more can be added

- Free add-ons for electronic gateways such as Verisign, Linkpoint, AuthorizeNet, WorldPay, eWAY and 40+ other gateways (one or two are supplied per license)
- We can help you, if you use a different electronic payment system. Please contact us with your requirements
- A gateway is NOT required for VP-ASP. By default VP-ASP stores the credit card in the database

1.11 Features - Support

- We believe support is important
- We answer all questions every day
- We welcome both pre-sales and post sales questions
- Special customizations can be done for an agreed fee
- Special electronic gateway code can built for an agreed fee

Some features require the VP-ASP Option Package.

1.12 VP-ASP Option Package

The VP-ASP Option package provides enhanced features and facilities. Not everyone needs these features and in order to keep the price of the basic VP-ASP product very low, these extra features can be purchased as a package called the VP-ASP Option Package.

- Affiliates - Associate an order with an affiliate or distributor. Commission and sales reports are provided.
- Automatic Extended Descriptions - A great productivity tool. VP-ASP can automatically generate extended product description pages by merging an HTML template with database fields. Order button is automatically added to the generated page.
- Gift Certificates
- Discount Coupons
- Language Switching
- Mailing form by plain text file
- HTML mailing
- Product Reviews
- Order Tracking
- Project and Service payments

1.13 More Information

We continually add information to our web site <http://www.vpasp.com>

Please check for **Whats new** and **Frequently Asked Questions**. Your questions may already be answered.

1.14 Security Issues

When setting up your production shop please read the section on security in this guide

2 Using VP-ASP

2.1 Self Contained Shopping Cart

VP-ASP can become your whole web site if you wish. There is no need to create HTML pages at all. VP-ASP can automatically:

- Display products, categories and subcategories
- Do searches
- Handle the full checkout process
- Mail confirmations to both merchant and customer

You can tailor the "look and feel" by changing the include files for the header and trailer portion. The colors and feel of the categories, products and shopping cart are also easily changed.

Later on in this manual, each VP-ASP file is described. You can decide to alter the colors, style etc.

Below is an example of a category display. The columns, colors, images are all configurable.

Product Categories

Clothes



The latest fashions and bargain prices.

Groceries



Compare and save with internet shopping

Services



Full set of professional services and inexpensive rates.

Stationery



Full range of laser and fax paper

Toys... Products Subcategories



Extensive set of new exciting toys

Travel Packages



Travel the world. Great packages for all ages.

3 Interface to Existing Web

Any existing web can easily interface to VP-ASP. A few examples using hyperlinks and forms are shown below. VP-ASP provides facilities to:

1. Add a product to the shopping cart
2. Display products based on category, subcategory, product field
3. Search for products
4. All the features of your existing web site are still there but VP-ASP shopping component is now a part of your web

3.1 Displaying Categories

By just including a simple link anywhere in the existing web to routine `shopdisplaycategories.asp`, all the shopping facilities and product displays are automatic. No further interface is required.

```
<a href="shopdisplaycategories.asp">Display Categories</a>
```

3.2 Add To Cart

The second method of interfacing to your existing web site is slightly more complex. A specific hyperlink is added anywhere in your existing web site to routine `shopaddtocart.asp`. This will allow adding one specific product to the cart from anywhere in the existing web. Two parameters are required: Productid and Quantity as shown below. The catalogid comes from the products database (catalogid field).

```
<a href="shopaddtocart.asp?catalogid=1&quantity=1">Click to Order</a>
```

Note that in previous versions of VP-ASP, the field “productid” was used. This still works successfully.

3.3 Displaying Products for a category

To display products for a category the following hyperlink can be used

```
<a href="shopdisplayproducts.asp?id=2">Display travel Products</a>
```

3.4 Displaying Products in a Subcategory

To display products for a subcategory the following hyperlink can be used

```
<a href="shopdisplayproducts.asp?id=12">Products in subcategory 12</a>
```

3.5 Displaying Products by name

To display a specific product use:

```
<a href="shopquery.asp?catalogid=1">Products with catalog id 1</a>
```

3.6 Displaying Products by any Criteria - `shopquery.asp`

To display products by any field in the products table, either create a form with the field names or use a hyperlink. See supplied file `shopquerytest.htm` for examples of both. Suppose you want to display all shirts with prices less than \$50. `Shopquery.asp` is an extremely flexible search facility.

3.6.1 Using a hyperlink

```
<a href="shopquery.asp?cprice=50&cname=shirt">Display stuff</a>
```

3.6.2 Using a form

When using a form, the submit button must be called shopquery.

```
<form method="POST" action="shopquery.asp">
Name<input type="text" name="cname" size="30"><br>
Manufacturer<input type="text" name="mfg" size="30"><br>
Price<input type="text" name="cprice" size="30"><br>
<input type="submit" value="Display" name="Shopquery">
<input type="reset" value="Reset" name="resetbutton"></p>
</form>
```

3.7 Search for products by Keyword

The normal shopsearch.asp facility can be used by hyperlink using the following method

```
<a href="shopsearch.asp?search=YES&keyword=abc,def,jkl">Search for keywords</a>
```

3.8 Creating a form on your page to do searching

Below is a sample for do searching from anyplace on your web site.

```
<form method="POST" action="shopsearch.asp?search=Yes">
<p><input type="text" name="keyword" size="20"><br>
<input type="submit" value="Search" name="B1">
</form>
```

3.9 Sample Hyperlinks

A file called shopsamplelinks.htm shows you these sample hyperlink examples.

3.10 ShopAddtoCartnodb.asp

Using the file shopaddtocartnodb.asp, it is possible to add an item to the cart without it being in the database. The following fields can be passed as either a form field or on the URL

Two fields are required:

Productname Name to appear in the shopping cart
Price Price without dollar signs

Productname	Name to appear in the cart
Price	Price
Optional fields	
Quantity	Quantity
Catalogid	Product number in the database
Category	Category number in the database
Returnurl	If specified, this routine goes to this page on your web site otherwise the cart is displayed

This is used only as a hyperlink or form interface. It is never automatically displayed

Example:

```
<a href="shopaddtocartnodb.asp?Productname=Mystuff&price=10.00">Add to cart</a>
<a href="shopaddtocartnodb.asp?Productname=Otherstuff&price=3.95&quantity=2&returnurl=mypage.html">Add to
cart</a>
```

4 Changing Basic Logos and Navigation

The two most common things you will want to change are top and bottom navigation. In addition you will either have your own web site or want to replace our supplied default.htm (Windows) or index.htm (Unix).

This page shows you the sample links you can use.

Congratulations.
You have just purchased one of the most comprehensive e-commerce solutions.
VP-ASP 4.50 full version Full Version

Search Customer Service Login Tell a Friend Mail List Register Contact us	 Clothes Men and Women Clothes	 Groceries Full line of fresh groceries	Gift Certificates Coupons Affiliates Merchant Administration Shop Configuration Diagnostic tools Template Testing
	 Travel Travel the world	 Services Complete Services	
	 Toys Toys for girls and boys	 Stationery Great range of stationery	



4.1.1 Security Note

We recommend you never have links to your administration page, diagnostic page or template testing. They are provided as samples only. Leaving these links will open your site to potential hackers. See the section on security.

4.2 Changing Top Navigation

File `shoppage_header.htm` generates the top navigation, logo, and background for all shopping pages.



Important

We recommend that the last line in `shoppage_header.htm` be

```
<center>
```

This will force centering for VP-ASP pages

4.3 Changing Bottom Navigation

File `shoppage_trailer.htm` generates the bottom navigation, copyright for all shopping pages.

[Home](#) [Categories](#) [View Cart](#) [Checkout](#) [Search](#) [Empty Cart](#)

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Both of these files are standard HTML and can be replaced easily with your own HTML code.

4.4 Mini Cart at the bottom of the trailer

The supplied VP-ASP automatically displays a “minicart” at the bottom of the trailer in shoppage_trailer.htm.

This is created by 1 line.

<%Navigateshowminicart%>

To remove this mini cart, you can:

1. Delete this line.
2. It is also controlled by configuration option.

xnavigateminicart	No stops minicart from displaying
--------------------------	-----------------------------------

Name	Quantity	Price	Total
Girls Dresses Summer dresses in assorted size and colors	1	\$9.85	\$9.85
Excludes shipping, taxes and handling		Product Cost	\$9.85

[Home](#) [Categories](#) [View Cart](#) [Checkout](#) [Search](#) [Empty Cart](#)

4.5 Smaller Mini Cart

The MiniCart can be changed to show only quantity and amount by editing shoppage_trailer.htm

<%Navigateshowminicart “SHORT” %>

4.6 Left Navigation

If you decide you want to have a left navigation bar, a sample is supplied with VP-ASP. To use it rename these files

shoppage_header.htm becomes shoppage_headersave.htm
shoppage_trailer.htm becomes shoppage_trailersave.htm
shoppage_header_left.htm becomes shoppage_header.htm
shoppage_trailer_left.htm becomes shoppage_trailer.htm

The left navigation automatically displays your categories and a search form.

Shopping Cart Items: 1

Remove	Description	Quantity	Unit Price	Total
<input type="checkbox"/>	Girls Dresses Summer dresses in assorted size and colors	<input type="text" value="1"/>	\$9.85	\$9.8
Product Cost				\$9.8

[Clothes](#)
[Groceries](#)
[Services](#)
[Stationery](#)
[Toys...](#)
[Travel](#)
[Packages](#)

These are your current items in your shopping cart

4.7 Changing Fonts and Colors -Shop\$colors.asp

- Most formatting related to tables, fonts and colors are in file shop\$colors.asp.
With this you can:
- Alter the color scheme for all data entry forms
- Change the product fields that are being displayed
- Change the font and color for almost all the other customer related pages (not the administration pages)
- Change the sort order for categories, subcategories and products

4.8 Change Colors Fonts for forms

All the forms in VP-ASP use the following lines in shop\$colors.asp.

```
const TableDef="<center><table cellpadding=1 cellspacing=1>"
Const TableDefEnd="</table></center>"
Const TableRow="<tr bgcolor=' #C4CEE5'>"
const TableRowEnd="</tr>"
const TableColumn="<td><font face='verdana,arial' size=2 color='#000000'>"
const tableColumnEnd="</font></td>"
Const xTableRowFont="<font face='verdana,arial' size=2 color='#000000'>"
Const xTableRowFontEnd="</font>"
Const xTableRowColor="#C4CEE5"
```

4.9 Change Colors Fonts for Error Messages

Many error messages are controlled by a configuration statement in VP-ASP Configuration.

xfont	
--------------	---

4.10 Changing Report Format

Most reports use the following values in shop\$colors.asp

```
' Reports
const ReportTableDef="<table border=2 align=center cellpadding=2 cellspacing=2>"
const ReportHeadRow="<tr bgcolor='#0080C0'>"
Const ReportRowEnd="</tr>"
const ReportHeadColumn="<td><font face='Verdana, Arial' size=2 color='#FFFFFF'>"
const ReportHeadColumnEnd="</font></b></td>"
const ReportDetailRow="<tr bgcolor='#E5E5E5'>"
const ReportDetailColumn="<td valign='top'><font face='Verdana, Arial' size=2>"
const reportDetailColumnEnd="</font></td>"
const ReportDetailRowX="<tr bgcolor='#CCCCCC'>"
const ReportTableEnd="</table>"
const ReportInfoFont="<font face='Arial, Verdana' size=3><b>"
const ReportInfoFontEnd="</font></b>"
```

4.11 Changing the Product fields that are displayed

To change the product fields that are being displayed you need to alter two lines in shop\$colors.asp

```
ProdFields=Array("cname", "cdescription", "Quantity", "cPrice")
ProdHeaders=Array(LangProductName, LangProductDescription, LangProductQuantity, LangProductUnitPrice)
```

The first line determines the fields displayed and the order they are displayed.

The second line determines the captions for each column.

Quantity is a special word and it is the only field not in the database.

So for example to display the stock as the first column

```
ProdFields=Array("cstock", "cname", "cdescription", "Quantity", "cPrice")
ProdHeaders=Array("Stock", LangProductName, LangProductDescription, LangProductQuantity, LangProductUnitPrice)
```

4.12 Editing ASP Files

Files ending in .asp should only be edited with a plain text editor such as notepad. There are many extremely good text editors available and if you plan to edit VP-ASP files, we recommend you get a good plain text editor. If you edit ASP files with FrontPage they will probably be destroyed.

4.13 CSS and VP-ASP

A basic style sheet, shop.css, is now included as part of the VP-ASP Shopping Cart. It has not been fully integrated into all parts of the formatting. You can use it as a starting point or you can remove it. To remove it, edit shoppage_header.htm and shopa_adminheader.htm files. Delete the following line.

```
<link rel="stylesheet" href="shop.css" type="text/css">
```

5 VP-ASP Shopping Pages

Almost all pages in VP-ASP are dynamically created. This is done by VP-ASP automatically by merging information from the database and merging this with HTML. The HTML is either defined by you using a template or is defined within the VP-ASP files.

This section describes the main pages of VP-ASP Shopping Cart and how to configure the fonts, formatting and Shop Configuration options.

5.1 *Default.htm - Main First page*

This is one of the few plain HTML pages in VP-ASP. It is designed to give you a sample home page and has sample hyperlinks you can use to create your own home page. Most of you will replace this with your own unique home page.

Some of the Links should always be removed. For example the links to: shop administration, diagnostics, template testing. You do not normally want your customers to have access to those pages.

Congratulations.
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5.2 Shopdisplaycategories.asp

Automatically displays all the categories in the shopping database. This routine can display images for each category by supplying the image location in catimage field. It can also display multiple columns.

Product Categories

Clothes



The latest fashions and bargain prices.

Groceries



Compare and save with internet shopping

Services



Full set of professional services and inexpensive rates.

Stationery



Full range of laser and fax paper

Toys... Products Subcategories



Extensive set of new exciting toys

Travel Packages



Travel the world. Great packages for all ages.

5.2.1 Changing Colors and Fonts and Sort

Change these values in shop\$colors.asp to alter the table display.

```
' Categories
const CatHeader="<b><p align=center><font size='5' color='#990033'>"
const CatRow="<TR bgcolor='#FFFFFF'>"
const CatColumn="<TD><p align=center><b><font face='arial,verdana' size=5 color='#BB0000'>"
Const CatTable="<table border=10 cellpadding=4 width='60%' cellspacing=4 bordercolor='#336699'>"
Const CatColumnEnd="</b></font></p></td>"
```

5.2.2 Changing Column and Sort

VP-ASP Configuration options

xsortcategories	Category sort field
xcatmaxcolumns	Number of columns to display
xcategorydisplaytext	Yes uses the catmemo field to display the text under the image
Xcategoryproductonly	Yes stops the display of the words products and subcategories under the category image

5.2.3 Subcategories

VP-ASP determines that a category has subcategories if the field **hassubcategory** is filled in with ANYTHING. If you see the word “subcategory” and you don’t have any subcategories, edit the category record and remove anything in the “hassubcategory” field.

If a category has subcategories, click on “products” to see all the products in this category and click on “subcategories” to see the subcategories.

A subcategory in VP-ASP is simply a category that has a value in the highercategoryid field of the category record. Category has 0 in that field, meaning it is the highest level.

5.2.4 Category Display with Templates

It is possible to totally replace the default formatting of categories with your own unique HTML. A template can be created using your favorite editor. It is plain HTML with the addition of some special fields that will be filled in by the VP-ASP. Full template processing is provided with the VP-ASP Option Package. *Template handling in the base VP-ASP product can only be used for category and product displays.*

The advantage to using this method and file is that you have more control over category formatting but the disadvantage is that you will need to edit **tmp_categorytemplate.htm**. You can use your favorite HTML editor.

xcategoryusetemplate	Yes switches to template mode
xcategorydisplaytemplate	The template to use. The default is Number of columns to display tmp_categorytemplate.htm

5.2.5 Category Template

Any field in the categories table can be placed into your template. The field must be surrounded by brackets [field]. For example, to add the stock level of the product use [catdescription].

Templates are a mixture of plain HTML and special fields.

5.2.6 Database Fields

These are just some of the fields from the categories table that can be included. Any field in the categories table can be substituted using this method.

[categoryid]	Unique category number
[catdescription]	Category name
[catimage]	Category image
[catmemo]	Category text
[catextra]	Unused by VP-ASP

5.3 Shopdisplayproducts.asp

You will not normally change this routine. It is pure logic. The actual formatting of the display is done by routine **shopproductformat.asp**.

VP-ASP can display products in two different ways. The picture below shows the multi-product selection format. The buyer can click any number of products and order them all at once. Using this type of form, the customer can order more than one product by clicking the checkbox next to each product. This is controlled by the line in VP-ASP Configuration.

xproductselect	Yes means to create checkboxes where customer can select multiple products per page No- means use order buttons
-----------------------	---

Name	Description	Quantity	Price	Select
Girls tops  1 Reviews ★★★★★ Write Review Read Reviews	Summer tops in assorted size and colors Colors <input type="radio"/> Grey [\$1.00] <input type="radio"/> Orange and Purple <input type="radio"/> Striped [\$2.00] <input type="radio"/> White Size <input type="text" value="Select"/>	<input type="text" value="1"/>	\$9.85	<input type="checkbox"/>

5.3.1 Product sort order

The product sort order is controlled by this line in VP-ASP configuration.

xdisplaycategoryimages	Yes means that the image for the category or subcategory is displayed at the top of the page
xsortproducts	Sorting for products
xfeaturesort	Sort field for product features

5.3.2 Changing Colors and Fonts (shop\$colors.asp)

```
'Products
Const ProdHeaderFont="<font face='arial,Verdana' size=5 color='#BB0000'>"
Const ProdTable="<center><table border='1' cellpadding='4' cellspacing='1' width='90%'>"
Const ProdHeaderRow="<tr>"
Const ProdHeaderColumn="<td align='center' bgcolor='#336699'><b><font face='Verdana,Arial' size='2'
color='#FFCC99'>"
Const ProdRow="<tr>"
const ProdColumn="<td valign='middle' bgcolor='#E5E5E5'>"
const ProdColumnEnd="</font></td>"
const ProdNameColumn="<td valign='middle' bgcolor='#E5E5E5'>"
const ProdNameFont="<font face='verdana,arial' size=2 color='#000000'>"
const ProdNameEnd="</font></td>"
const ProdDescriptionColumn="<td valign='middle' bgcolor='#E5E5E5'>"
const ProdDescriptionFont="<font face='verdana,arial' size=2 color='#000000'>"
const ProdDescriptionEnd="</font></td>"
const ProdQuantityColumn="<td align='center' bgcolor='#E5E5E5'>"
const ProdQuantityEnd="</td>"
Const ProdColumnFont="<font face='verdana,arial' size=2 color='#000000'>"
Const ProdColumnPrice="<td align='center' bgcolor='#E5E5E5'>"
const ProdPriceEnd="</font></td>"
const ProdSelectColor="#FFFFFF" ' color for select column
const ProdSpecColor="#0000FF" ' dark blue special offer color
Const ProdButtonColumn="<td width='15%' valign='middle' bgcolor='#E5E5E5'><p align='center'>"
const ProdRetailPriceStart="<br><i>"
Const ProdRetailPriceEnd="</i>"
const ProdFeatureCaption="<p align='left'><font face='Verdana, Arial'><b>"
Const ProdFeatureCaptionEnd="</b></font><br>"
' Product Feature
const FeatureUserText="<b><br>"
const FeatureUserTextEnd="</b>"
```

5.3.3 Changing What fields are Displayed

It is possible to alter the fields that are displayed and the order of the display. This is controlled by two lines in shop\$colors.asp

```
ProdFields=Array("cname", "cdescription", "Quantity", "cPrice")
ProdHeaders=Array(LangProductName, LangProductDescription, LangProductQuantity, LangProductUnitPrice)
```

The first line determines the fields displayed and the order in which they are displayed. The names come from the products table. **Quantity** is a special word and it is the only field not in the database.

The second line determines the captions for each column. The words Lang... are the words from the shop\$language.asp file and are recommended, but they are not strictly necessary and any words in your language can be used.

So for example to display the stock as the first column

```
ProdFields=Array("cstock", "cname", "cdescription", "Quantity", "cPrice")
ProdHeaders=Array("Stock", LangProductName, LangProductDescription, LangProductQuantity, LangProductUnitPrice)
```

5.4 Product Reviews and Tell A Friend

VP-ASP can automatically create hyperlinks for product rating and tell a friend. Product Rating requires the VP-ASP Option Package.

Name	Description	Quantity	Price	Select
Glossy paper No reviews	100 Sheets of Gloss paper suitable for all laser and inkjet printers Paper Color <input type="radio"/> Glossy Red <input type="radio"/> Glossy White <input type="radio"/> Glossy Yellow [\$1.00] Tell a Friend Write Review Read Reviews	<input type="text" value="1"/>	\$3.90	<input type="checkbox"/>

5.4.1 Product Rating

To have the product rating specify the following in VP-ASP Configuration.

xratingproducthyperlink	Yes
-------------------------	-----

To have the “tell a friend” hyperlink generated, set the following .

xproductlinktellafriend	Yes
-------------------------	-----

5.5 ShopDisplayProducts - Buttons

With this method, the buyer clicks the button or image on the right hand column to order that specific product. This is controlled by the line in VP-ASP configuration.

xproductselect	No- means use order buttons
xbuttonimage	Your order button image. If left empty a plain button is created
xbuttontext	The text to appear in the plain button
xproductcatalogonly	Yes stops any ordering from occurring and overrides the above. This is useful to use VP-ASP as a catalog
xdisplayprices	No means to allow all product display and ordering but no prices are displayed

In addition to these configuration options, each product can have its own image as an order button. Using this type of form, the customer can order only 1 item by pressing the order button. The customer can then order more products by returning to this page.

Figure 1

Name	Description	Quantity	Price	Order
Girls tops  No reviews	Summer tops in assorted size and colors Colors <input type="radio"/> Grey [\$1.00] <input type="radio"/> Orange and Purple <input type="radio"/> Striped [\$2.00] <input type="radio"/> White Size <input type="text" value="Select"/>	<input type="text" value="1"/>	\$9.85	<input type="button" value="Buy"/>
<input type="button" value="Tell a Friend"/> <input type="button" value="Write Review"/> <input type="button" value="Read Reviews"/>				

5.6 Dual Pricing

VP-ASP supports display of two currencies. This is configured in VP-ASP Configuration.

xdualprice	Yes displays dual currency
xdualconversionrate	.800 This number is multiplied by the price to obtain the dual price

This number is multiplied by the real price to obtain the dual price. To alter the conversion you would need to edit shopconvertcurrency.asp. The above conversion rate is only an example.

In shop\$language.asp edit the captions for dual pricing. These will appear on the product displays and the shopping cart displays.

```
const LangDualPrice=" Euro Price "
const LangDualTotal=" Euro Total "
```

Name	Description	Quantity	Price	Euro Price	Order
Girls tops 	Summer tops in assorted size and colors Colors <input type="radio"/> Grey [\$1.00] <input type="radio"/> Orange and Purple <input type="radio"/> Striped [\$2.00] <input type="radio"/> White Size <input type="text" value="Select"/>	<input type="text" value="1"/>	\$9.85	4.93	<input type="button" value="Buy"/>
No reviews	<input type="button" value="Tell a Friend"/> <input type="button" value="Write Review"/> <input type="button" value="Read Reviews"/>				

5.6.1 Changing Colors and Fonts (shop\$colors.asp)

```
const productfilteringtable="<center><table border='0' cellspacing='0' cellpadding='3' width='90%'
bordercolor='#0080C0'>"
const ProductFilteringRow="<tr bgcolor='#E5E5E5'>"
const productfilteringcolumn="<td width='33%' align=center><p align='center'><font face='verdana'
size=1><b>"
const productfilteringcolumnend="</b></font></td>"
```

5.7 Customizing Product Displays

You may want to change which columns are displayed, add dual pricing, change the color or font. Much can be done with simple configuration. By altering the VP-ASP Configuration, you can affect how products are displayed.

xaddcatalogid	Yes automatically adds catalogid of a product to the hyperlink in form shopexd.asp?id=4
xallowratingproducts	Allow customers to review products
xallowratingssummary	Displays a summary of current reviews in the name column. Extra database activity occurs if this is selected.
xcrossselling	Yes automatically displays any defined cross selling products
xdisplaycategoryimages	Yes displays category images at the top of product display page
xdualconversionrate	If using dual pricing the number multiplied by the price to obtain the dual price
xdualprice	Yes means display two prices on product displays
xextendedpopup	Yes – means to generate a pop-up for extended description pages
xfeaturesrequired	Yes – means that the customer must select all features for a product
xgenerateshopexdlink	Yes – means generate a link to shopexd.asp for all products. This requires the VP-ASP Option Package.
xgeneratesku	Yes VP-ASP will combine product code and codes defined in featureother field to generate a sku. This cannot be used with select lists since they both use the same field
xmaximumorder	The maximum amount that can be ordered excluding shipping, handling etc
xminimumorder	The minimum amount that can be ordered before checkout is allowed
xproductcolumns	If set to more than one, VP-ASP automatically switches from normal product display to use formatting with HTML. It is important to know this because formatting with HTML does not use many of these configuration options
xproductlinkreview	Yes – automatically generates a hyperlink to add and list reviews
xproductlinktellafriend	Yes –automatically adds hyperlink to Tell a Friend
xproductquantitylimit	9999 – The maximum number of any one product that can be bought. You can also set a minimum quantity in the product record itself to force customers to buy a minimum amount.
xproductselect	Yes – means place checkboxes next to each product No – means generate an order button next to each product
xproductsperpage	10 The number of products displayed per page
xproductwithhtml	Yes – means use product format with HTML
xratingmailtomerchant	Yes – mail each customer review to the merchant
xreviewauthorize	Yes – means that reviews are not automatically displayed. The merchant must authorize each review individually
xsortproducts	specialoffer desc, cname
xproductcatalogonly	Yes stops any ordering from shop\$colors.asp and overrides the above. This is useful to use VP-ASP as a catalog
xdisplayprices	No means to allow all product display and ordering but no prices are displayed
xproductpagingnextprevious	Yes replaces the page numbers at the bottom of the page with next and previous buttons or text
xproductfiltering	Yes allows customers to select values from a product display and to resort the display. A filtering display appears at the bottom of the product display.
xproductminimumquantity	Yes Tells VP-ASP to use the minimum quantity field as a lower limit for that specific product
xproductminimumlist	6 If the xproductminimumquantity is set to No but there is a value in the product minimumquantity field, a dropdownlist is created. This is

the number of entries in that list. It is used when product must always be purchased in multiple amounts

5.8 Product Filtering

Product filtering generates another header at the top of the product display that allows customers to resort the display or display a subset of the information.

xproductfiltering	Yes allows customers to select values from a product display and to resort the display
--------------------------	--

Sort

Select ▾

Ascending ▾

Sort 2

Select ▾

Ascending ▾

Reset

Display

Select ▾

Continue

je 1 of 1

Name	Description	Quantity	Price	Select
Girls tops	Summer tops in assorted size and colors Colors <input type="radio"/> Grey [\$1.00] <input type="radio"/> Orange and Purple <input type="radio"/> Striped [\$2.00] <input type="radio"/> White	1	\$9.85	<input type="checkbox"/>

5.9 Display Buttons

VP-ASP can use either text or buttons for most forms. By leaving the configuration field empty, a text button is created. If you are using multiple languages, we recommend that you do not use image buttons.

xbuttonimage	vpnav_buy.gif
xbuttontext	Order
xbuttoncontinue	vpnav_continue.gif
xbuttonreset	vpnav_reset.gif
xbuttoncancel	vpnav_cancelorder.gif
xbuttonorderproduct	vpnav_orderselected.gif
xbuttonmoreinfo	vpnav_moreinfo.gif
xbuttonaddressadd	vpnav_addressadd.gif
xbuttonaddresschange	vpnav_addresschange.gif
xbuttontellafriend	vpnav_tellafriend.gif
xbuttonreadreview	vpnav_readreview.gif
xbuttonwritereview	vpnav_writereview.gif
xbuttonnextpage	vpnav_nextpage.gif
xbuttonpreviouspage	vpnav_previouspage.gif

5.10 Notes

xbuttonimage and xbuttontext are only used if you set xproductSelect="No". The reason for this is that there are no buttons when xproductselect="Yes"; checkboxes are used instead.

5.11 Minimum Quantity

Minimum quantity is handled in two different ways. VP-ASP can either generate a dropdown list of quantities starting from the amount set in the minimum quantity field of the products table or it can simply prevent the customer for order less than the minimum.

xproductminimumquantity\	Yes tells VP-ASP to prevent a customer for ordering less than what is in the minimumquantity field of the products table. No tells VP-ASP to generate a drop down list of quantities based on the minimum quantity field
xproductminimumlist	6 The number of entries in the drop down list if No is specified above

5.12 ShopAddToCart.asp

This routine will normally not change. It is pure logic. The actual cart formatting is done by two other routines.

- shopproductfeatures.asp adds the product features and adds the product to the internal shopping cart table.
- shopcartformat.asp formats the physical display of the shopping cart.

Remove	Description	Quantity	Unit Price	Total
<input type="checkbox"/>	Girls Dresses Summer dresses in assorted size and colors Base price \$9.90 Features/Options: Colors Grey Add \$1.00 Size Extra Large Add \$6.00	1	\$16.90	\$16.90
<input type="checkbox"/>	Tuna Fish 425 grams of the finest Tuna fish. Dolphin friendly	7	\$3.25	\$22.75
			Product Cost	\$39.65

5.12.1 Fields in the cart

In shop configuration, the fields that get added to the cart can be specified. Any fields in the product table can be used.

xcartfields	The fields from the product that are seen in the cart and therefore the merchant displays and e-mail to merchant and customer
xdeliveryaddress	Yes allows customer to specify a delivery address and time on a product by product basis
xdeliveryrequired	Yes means customer must provide a delivery address
xdeliveryshipping	Yes means to calculate shipping on a product by product basis
xproductstayonpage	Yes means to bypass display of this page when displaying products
xcartstaticquantity	Yes means that the quantity cannot be changed after it is added to the cart
xbuttonremove	If this is filled in, then the normal remove checkbox is replaced by a button

5.12.2 Deleting Cart Items

To remove an item, check the checkbox in the remove column and then the recalculate button. You can also have a “remove button” instead of a checkbox. See Shop Configuration value xbuttonremove above.

5.12.3 Adding Other Fields to the shopping cart

Any other field in the products record can be added to the cart. For example if you wanted to add the ccode to the cart, update the configuration as follows.

xcartfields	ccode,cname,cdescription
--------------------	--------------------------

5.12.4 Buttons as Images

It is possible to replace any or all buttons using images.

Shopping Cart Items: 2

Remove	Gift Address	Description	Quantity	Unit Price	Total
<input type="checkbox"/>	Add Address	Girls Dresses Summer dresses in assorted size and colors Base price \$9.90 Features/Options: Size Extra Large Add \$6.00	<input type="text" value="1"/>	\$15.90	\$15.90
<input type="checkbox"/>	Add Address	Tuna Fish 425 grams of the finest Tuna fish. Dolphin friendly	<input type="text" value="1"/>	\$3.25	\$3.25
Product Cost					\$19.15

[Continue Shopping](#) [Recalculate](#) [Checkout](#)

5.12.5 Buttons

A sample set of buttons is supplied but any valid gif or jpeg can be used. If no button is specified a normal HTML button with text is created

xbuttoncontinue	vpnnav_continue.gif
xbuttonrecalculate	vpnnav_recalculate.gif
xbuttoncheckout	vpnnav_checkout.gif
xbuttonaddressadd	vpnnav_addressadd.gif
xbuttonaddresschange	vpnnav_addresschange.gif
xbuttonremove	vpnnav_remove.gif
xbuttoncontinueshopping	vpnnav_continueshopping.gif

5.12.6 Program Interface

This routine has two purposes. If called with no parameters, then the shopping cart items are just displayed.

```
<a href="shopaddtocart.asp">View Cart</a>
```

If called with parameters, then product is added to the cart and the full cart is displayed

```
<a href="shopaddtocart.asp?catalogid=33&quantity=1">Click to Order</a>
```

The fields productid and quantity can also be in a form that calls shopaddtocart and need not be on the URL.

5.12.7 Changing Colors and Fonts

```
Const CartHeaderfont="<b><font color='#990033' size=4>"
Const CartHeaderEnd="</font></b>"
Const CartInfoFont="<font face='Arial,Verdana'>"
Const CartInfoFontEnd="</font>"
Const Carttable="<div align='center'><center><table border='1' cellpadding='1' cellspacing='2'
width='90%'>"
Const CartTitleColumn="<td bgcolor='#336699'><p align=center><b><font color='#FFCC99' face='Arial,Verdana'
size='2'>"
Const CartTitleColumnEnd="</font></b>"
Const CartRow="<TR bgcolor='#C0DFFEF'>"
Const CartSubtotalRowLeft="<TD colspan='2' bgcolor='336699'><font color='#FFFFFF'>"
Const CartSubTotalRowRight="<TD align='right' bgcolor='#FFFFCC'>"
Const CartTotalRowLeft="<TD colspan=2 bgcolor='#FFFFFF'><b><font size=4>"
Const CartTotalRowRight="<TD align='right' bgcolor='#FFFFFF'><b><font size=4>"
const CartFontend="</font>"
Const CartFontDesc="<font face='verdana,arial' size=2>"
Const CartFontQuantity="<font face='verdana,arial' size=2>"
Const CartFontUnitPrice="<font face='verdana,arial' size=2>"
Const CartFontPriceTotal="<font face='verdana,arial' size=2>"
Const CartFontDualPrice="<font face='verdana,arial' size=2>"
Const CartFontDualTotal="<font face='verdana,arial' size=2>"
```

5.13 Delivery Address

It is possible to associate an address with each product ordered. This is controlled by two configuration options in the Shop Configuration. By specifying a delivery address, the shopping cart is altered to have an additional column.

xdeliveryaddress	Yes means to allow individual delivery address per product
xdeliveryrequired	Yes means that each product MUST have a delivery address
xdeliveryshipping	Yes means that shipping should be calculated on each product separately

Remove	Gift Address	Description	Quantity	Unit Price	Total
<input type="checkbox"/>	Add Address	Girls Dresses Summer dresses in assorted size and colors Base price \$9.90 Features/Options: Colors Grey Add \$1.00 Size Extra Large Add \$6.00	<input type="text" value="1"/>	\$16.90	\$16.90
<input type="checkbox"/>	Add Address	Tuna Fish 425 grams of the finest Tuna fish. Dolphin friendly	<input type="text" value="7"/>	\$3.25	\$22.75
Product Cost					\$39.65

The customer can select the delivery address by clicking on “Add Address”

5.14 ShopDeliveryedit.asp

This routine is used to allow the customer to select a delivery, address and put a personal note with the product. The gift can be delivered to oneself.

Fill in and then Continue

Tuna Fish

425 grams of the finest Tuna fish. Dolphin friendly

<input checked="" type="radio"/>	Deliver as soon as possible
<input type="radio"/>	Deliver on or before
	April 11 2001
* Delivery Type	Select
* First Name	
* Last Name	
* Address	
* City	
* State	
* Post Code	
* Phone	
Email	
Country	
Company	

Order Comments and Special Requests

--

Gift from

--

Continue

Reset

5.15 Delivery Display in Shopping Cart

Once the customer enters the details, they are displayed in the cart.

Remove	Gift Address	Description	Quantity	Unit Price	Total
<input type="checkbox"/>	Change Address	Girls Dresses Summer dresses in assorted size and colors Base price \$9.90 Features/Options: Colors Striped Add \$2.00 Size Small Subtract -\$1.00 Deliver to address below Betty Grandaughter 3 Send Pl NY NY 11720 US Phone 7777777777 Email None Deliver on or before ASAP Order Comments and Special Requests Hope you have a wonderful birthday Gift from From Grandma	<input type="text" value="1"/>	\$10.90	\$10.90
				Product Cost	\$10.90

5.16 ShopProductFeatures.asp

This routine has a number of subroutines designed to process product features. Features can be optional, features can all be required or features can be required on an individual basis.

Features can be:

- Drop Down Lists
- Check Boxes
- Radio buttons
- User Supplied Text
- User Supplied Prices

This routine also adds the quantity, description and price to the internal table that represents the shopping cart.

5.16.1 Examples of Radio and Select List

Name	Description	Quantity	Price	Order
Girls tops  No reviews	Summer tops in assorted size and colors Colors <input type="radio"/> Grey [\$1.00] <input type="radio"/> Orange and Purple <input type="radio"/> Striped [\$2.00] <input type="radio"/> White Size <input type="text" value="Select"/>	<input type="text" value="1"/>	\$9.85	<input type="button" value="Buy"/>
<input type="button" value="Tell a Friend"/> <input type="button" value="Write Review"/> <input type="button" value="Read Reviews"/>				

5.16.2 Making Features Required

In Shop Configuration, set the following value, if all features must be selected

xfeaturesrequired	Yes
--------------------------	-----

There is also a field in the ProdFeatures table called "FeatureRequired". If only a specific feature is required, then set that value to TRUE.

5.16.3 Product Features

Features are handled by the field "Features" in the Products table. If a product has features then the Features field has a list of numbers such as "1,4,23".

The number represents groups of features on the ProdFeatures Table. If there are four records in the ProdFeatures table with Featurenum1 then the four are displayed in a drop down list. If there are seven features within Featurenum=4 then the seven items are displayed in another drop down list.

5.16.4 Changing Features

VP-ASP defaults to four features. If you want to have more features then alter some code in script VP-ASP Configuration. These are variables and constants affect the features:

xmaxfeatures	4 is the default
---------------------	------------------

5.16.5 Using Features Facility

Products may or may not have features. Many products can have the same features. For example clothing may have small, medium, large, x-large. The section list generated for a feature comes from the ProdFeatures table. Each feature needs a FeatureNum and a FeatureCaption. For the sizes above, they would all have the same FeatureNum and same FeatureCaption.

5.16.6 Feature Type

The Feature type field in the ProdFeatures table determines the type of display for the features. Valid entries are shown below. They are not case sensitive.

- Dropdown
- Radio
- CheckBox
- SelectList
- UserText
- UserPrice

5.16.7 Multiple Selections

By default all features allow the customer to select one option. To allow the customer to select multiple options Enter the word "Yes" (without quotes) into the FeatureMulti field. Radio Buttons cannot have multiple selections so they are automatically converted to checkboxes. Selectlist features are incompatible with multi-selection.

5.16.8 User Supplied Text

FeatureType=UserText

It is possible to allow the customer to enter their own details. The caption for the feature is the FeatureCaption field. The featurename field is unused.

For compatibility with previous versions you can also enter a caption in the "AllowUserInput" in the products table record. The caption will display above the text input box.

5.16.9 Radio Button

FeatureType=Radio

FeatureCaption should be the same for all items with same featurenum

FeatureName should be the individual different buttons

Featureprice optional price associated with feature

5.16.10 CheckBox

FeatureType=Checkbox

FeatureCaption should be the same for all items with same featurenum

FeatureName should be the individual different buttons

Featureprice optional price associated with feature

FeatureMulti Optional. Use Yes to allow multiple selections

5.16.11 DropDown List

FeatureType=DropDown or Null (nothing in the field)

FeatureCaption should be the same for all items with same featurenum

FeatureName should be the individual different buttons

Featureprice optional price associated with feature
FeatureMulti Optional. Use Yes to allow multiple selections

5.16.12 Inline Selection List

Featuretype=SelectList
FeatureCaption should be the value to be placed above the text box

Sometimes using features becomes too complex. This happens when a range of products has almost the same set of features but not exactly. For example if colours are unique to each shirt. To handle this VP-ASP has the concept of a SelectList. SelectList is a field in the products table where you simply enter the colors (or whatever feature) into that field. For example
grey,red,blue

VP-ASP will then generate a drop down list with grey,red and blue.

To use SelectList as a feature, you must create one feature in the ProdFeatures table and assign this feature to the product(s). The FeatureCaption field will be used as the header for the dropdown list. To assign prices to any of the options using [price] for example

grey [2.00],red,blue [3.00]

grey has a 2 dollar price, red has no additional price and blue is 3 dollars additional.

5.16.13 More SelectList fields

If you need additional fields in the products table to be used to generate select lists, use the **featureother** field in the prodfeatures table. For example create an additional select list using the pother3 field in the products table, set the following in the prodfeatures table.

```
Featuretype="selectlist"  
Featurecaption="Caption for this feature"  
Featureother="pother3"
```

VP-ASP will now look in field **pother3** and generate dropdown lists for anything in that field. It will have same format described above. There are no limits to the number of select fields you can have. Select list cannot be multi selection. They generate a drop down list only and not radio buttons.

5.16.14 UserPrice

UserPrice can be used for variable amounts. This can be used for example in taking donations.

FeatureType=UserPrice
FeatureCaption should be the value to be placed above the text box

6 Product Formatting Templates

It is possible to totally replace the default `shopproductformat.asp` formatting of products with your own unique HTML. A template can be created using your favorite editor. It is plain HTML with the addition of some special fields that will be filled in by the VP-ASP. Full template processing is provided with the VP-ASP Option Package. *Template handling in the base VP-ASP product can only be used for product displays.*

The advantage to using this method and file is that you:

- Have total control over product formatting
- Have the ability to display products in columns side by side
- The ability to display thumbnails easily

The disadvantage is that you will need to edit **tmp_productformat.htm** or **tmp_productthumbnail.htm**. You can use your favorite HTML editor.

6.1 Template Configuration Options

xproductwithhtml	Yes must be specified for templates to be used
xproductcolumns=1	If a number greater than 1 is selected VP-ASP automatically switches from normal product display to template display.
xproductdisplaytemplate	tmp_productformat.htm or tmp_productthumbnails.htm or create your own

6.2 Sample Templates

Two sample templates are provided. `tmp_productformat.htm` and `tmp_productthumbnail.htm`. Both are shown below.

6.3 Template Files

Any field in the products table can be placed into your template. The field must be surrounded by brackets `[field]`. For example, to add the stock level of the product use `[cstock]`.

Templates are a mixture of plain HTML and special fields.

In `tmp_productthumbnail.htm`, we are asking VP-ASP to substitute database values for `[catalogid]` and the product image `[cimageurl]`

```
<p align=center>  
<a href="shopexd.asp?id=[catalogid]"></a>  
<br><font size=1><a href="shopexd.asp?id=[catalogid]">Click here</a></font>  
</p>
```

6.4 Database Fields

These are just some of the fields from the products table that can be included.

Any field in the products table can be substituted using this method.

<code>[formatcurrency cprice]</code>	Price of product
<code>[cname]</code>	Product name
<code>[cdescription]</code>	The description of the product

6.7.1 Sample output

Girls tops
Summer tops in assorted size and colors
\$9.85
Item # bbbbbb

Colors
 Grey [\$1.00]
 Orange and Purple
 Striped [\$2.00]
 White

Size
Select

1

Buy

[Tell a Friend about this product](#)



6.8 Products in Columns

VP-ASP supports products in columns. Set the configuration as follows for a three column display

xproductcolumns=3	If a number greater than 1 is selected VP-ASP automatically switches from normal product display to HTML display.
xproductdisplaytemplate	tmp_productformat.htm

6.9 Product Thumbnails

VP-ASP supports thumbnail product displays that generate a hyperlink to a detail description. It should be noted that in the example we supply, it uses shopexd.asp to generate the extended description automatically. Shopexd.asp is part of the VP-ASP Option Package.

xproductdisplaytemplate	tmp_productthumbnail.htm
--------------------------------	--------------------------

7 Checkout Process

Checkout involves the following:

- Obtaining customer details
- Calculating shipping, taxes, discounts, handling
- Obtaining Payment details such as credit card and non credit card information
- Writing a printable invoice
- Mailing confirmation Messages to both the customer and merchant

Other things that can happen at checkout include: updating of stock levels, mailing to suppliers, sending gift certificates, sending confirmations to names on a mailing list, updating points, generating pinnumbers/codes.

7.1 Customer Information

ShopCustomer.asp displays a form asking for customer name, address etc. It also provides shipping details. This routine can be configured to eliminate fields and even eliminate the shipping table. Many configuration options can be set to control how much or how little information you need when a customer purchases from your shop. The actual customer form is in shopcustomerform.asp.

Previous customers can just login

Last Name	<input type="text"/>	Email	<input type="text"/>	<input type="button" value="Login"/>
-----------	----------------------	-------	----------------------	--------------------------------------

Fields with an * are required

Please select a Shipping Method

If shipping to a location other than your customer address, please fill in all fields

* First Name	<input type="text"/>	* Shipping Method	Airmail [\$10.00] ▾
* Last Name	<input type="text"/>	Ship to Name	<input type="text"/>
* Address	<input type="text"/>	Address	<input type="text"/>
* City	<input type="text"/>	City	<input type="text"/>
* State	<input type="text"/>	State	<input type="text"/>
* Post Code	<input type="text"/>	Post Code	<input type="text"/>
* Phone	<input type="text"/>	Country	<input type="text"/>
* Email	<input type="text"/>	Company	<input type="text"/>
Country	<input type="text"/>		
Company	<input type="text"/>		

Join our mailing List

7.1.1 Customizing Display in VP-ASP Configuration

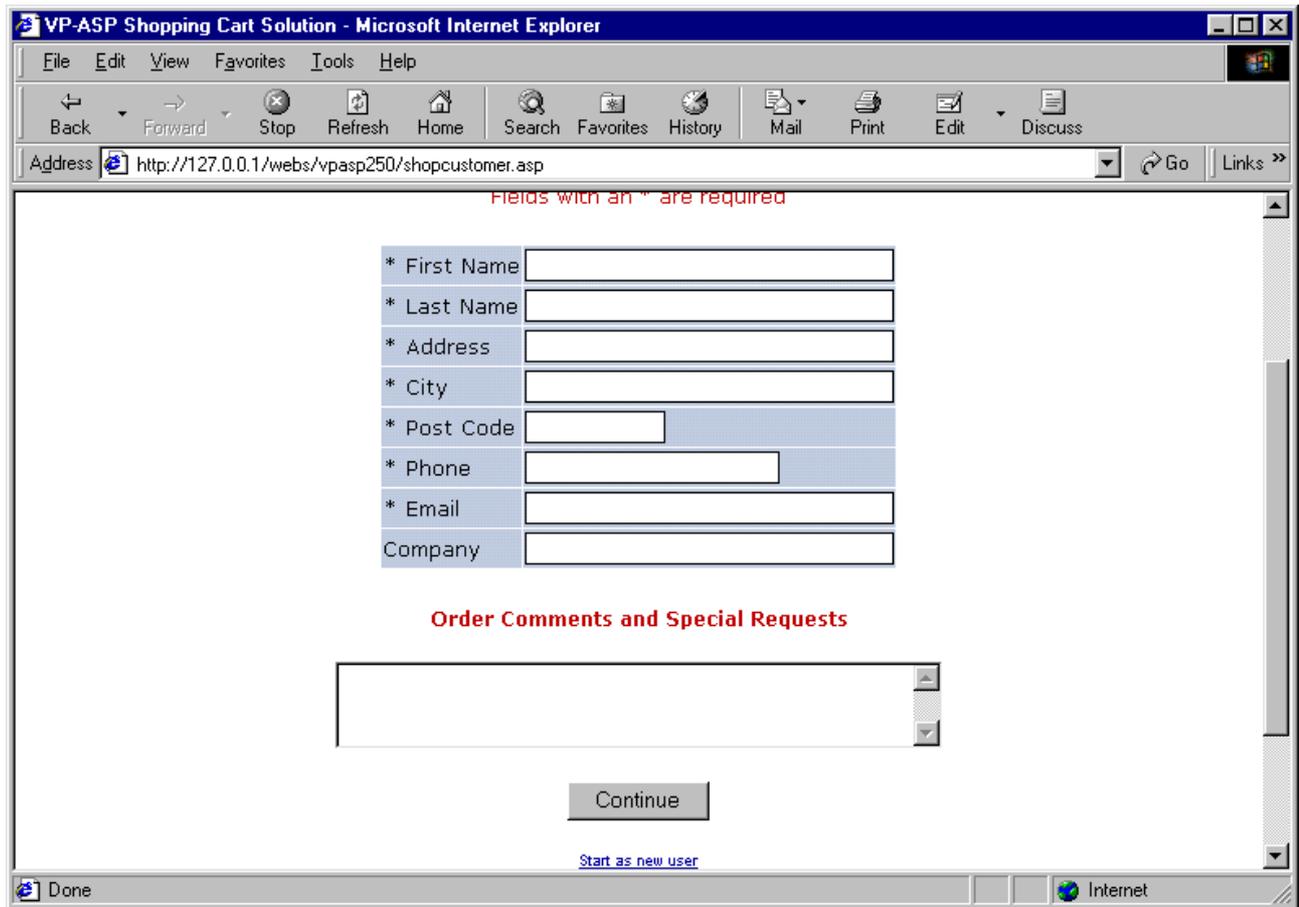
Here are some of the VP-ASP configuration options affecting customer displays.

xallowcustomerupdates	Yes allows customers to alter their details when they next purchase
xallowmaillist	Yes allows customers to join the mailing list
xallowrestoreorder	Yes allows customers to restore orders for quicker repeat shopping
xcheckexistingcustomer	Yes checks to prevent customers from adding duplicate records to the customers table
xcookielogin	Yes saves a cookie on the customer PC so that they are automatically logged in on repeat shopping
xcountryrequired	Yes means country is required
xincludecountries	Yes creates a drop down list of countries
xincludestates	Yes creates a drop down list of states
xloginrequired	Yes forces customers to login before they can shop or register
xmaillistcheckbox	Yes generates mail list checkbox
xpassword	Yes requires customer to login via password
xpromptforcountry	Yes displays country form field
xpromptforlogin	Yes allows customers to login
xpromptforoptional	Yes adds additional form fields to this form
xpromptforstate	Yes displays state form field
xrestrictedtoexisting	Yes forces customers to login with an existing set of details
xstaterequired	Yes state must be selected
xallowcustomerregister	Yes allows customer to enter full address details without purchasing
xshippingundercustomer	Yes places the shipping table under the customer details table
xshippingsetfields	Yes means to automatically fill in the shipping fields from the customer fields if they are not filled in
xvatnumber	Display VAT number of EU VAT exemption handling

7.1.2 To remove the shipping table from being displayed at all

In this example we have the minimum amount of information. Removing the shipping form will stop most shipping calculations from occurring unless you also specify a default shipping method using xshippingalternate.

xshippingform	No
xshippingalternate	xxxxxx - your shipping method that matches a record or records in the shipmethods table



7.2 Customer Other Fields

It is possible to add your other fields to the customer table and VP-ASP will display those fields and update them. To accomplish this, change these two lines in Shop Configuration.

xcustomerotherfields	accountno,section
xcustomerothercaptions	Account Number,Department
xcustomerotherfieldsinorder	Yes means that the customer fields are placed both in the customers table and in the orders table. No means they are stored only in the customers table
xshippingotherfields	A list of fields to add to the shipping form
xshippingothercaptions	The captions to be displayed for each field
xshippingotherequired	The list of fields that are required

In this example there are two additional fields in the customers table. You must add these fields yourself to the appropriate tables (customers and orders). When they are displayed the captions are “Account Number” and “Department”.

* First Name	<input type="text"/>	* Shipping Method	Airmail [10.00] ▾
* Last Name	<input type="text"/>	Ship to Name	<input type="text"/>
* Address	<input type="text"/>	Address	<input type="text"/>
* City	<input type="text"/>	City	<input type="text"/>
* State	<input type="text"/>	State	<input type="text"/>
* Post Code	<input type="text"/>	Post Code	<input type="text"/>
* Phone	<input type="text"/>	Country	<input type="text"/>
* Email	<input type="text"/>	Company	<input type="text"/>
Country	<input type="text"/>		
Company	<input type="text"/>		
Account Number	<input type="text"/>		
Department	<input type="text"/>		

7.3 ShopCreateOrder.asp

This is the final chance to cancel before the order is written to the database. All data is in session variables. The buyer is given an opportunity to review the order or print it for manual mailing or faxing. Goes to ShopCheckout.asp to obtain credit card information.

This form is the first time the customer can see the full payment that includes: shipping, taxes, handling discounts, gift certificates. The order is stored in the database when the customer clicks "Order Now". Payment details are obtained determined by the next page (shopcheckout.asp).

If the customer decides not to pay, the order will remain in the database with no payment details. This is done to allow flexibility in replacing standard VP-ASP shopcheckout.asp with numerous electronic gateways. It is useful information that can be used to follow-up customers to determine why they left without completing the order.

Your information will be encrypted.

Order now!

Description	Quantity	Unit Price	Total
Pizza Frozen The finest ingredients and self rising crust make this the perfect pizza Base price \$5.95 Features/Options: Topping Mushrooms Add \$0.50 Topping Onions Marked down today at our special price	1	\$6.45	\$6.45
Milk A full liter of full cream milk	1	\$1.19	\$1.19
		Product Cost	\$7.64
		Shipping Cost	\$3.00
		Handling Cost	\$2.00
		Tax	\$0.38
		Total	\$13.02

7.4 ShopMailForm.asp

Formats the current order so that the user can mail or fax it. It can be used simply to review all the order details.

Customer Information	
First Name	Fred
Last Name	Buyer
Address	3 Buy Place
City	Buy City
State	AZ
Post Code	33313
Country	US
Email	fred@abc.com
Phone	5551221
Shipping Information	
Shipping Method	Airmail

7.5 ShopCheckout.asp

This routine provides the form to accept credit card information. It normally is invoked in an SSL secure environment so that the credit information is encrypted. The order is already stored in the database.

If the user enters the proper information, the order is updated with the credit card information. If the user cancels the order at this time, the order and order items are deleted from the database.

Credit Card Payment

Card Type	<input type="text" value="Select"/>
Card Number	<input type="text"/>
Name on Card	<input type="text"/>
Expiry Date mm/yy	<input type="text"/>
Card Holder Address	<input type="text"/>

Other Payment Type

Payment Type	<input type="text" value="Select"/>
Additional Information:	<input type="text"/>

7.5.1 Bypassing this routine.

Shopcheckout.asp can be bypassed by specifying in Shop Configuration

xcheckout	shopcheckoutdummy.asp
------------------	-----------------------

7.5.2 Customization

You may need to alter the select statement, which determines which credit cards are accepted. See section on altering Payment Options.

xssl	Use this to allow VP-ASP to switch to SSL mode before displaying this page. You must have SSL on your system for this to work properly. https://www.yoursite.com/shopping
xcheckout	shopcheckout.asp. If you are using an electronic gateway interface, you will change this to the gateway code such as verisignshopcheckout.asp
xhandlingprice	Handling charge
xencryptcreditcard	Yes means encrypt the credit card before storing it into the database. This is not supported for any gateway code
xencryptkey	The key to be used for encryption
xcvndisplay	Yes displays Card Verification Number. This is a 3or 4 digit number printed on the back of many credit cards
xcvnrequired	Yes requires the CVN to be entered
xcreditcardtypes	Visa,Mastercard,American Express List of credit cards that you accept
xotherpaymenttypes	List of non credit card payments you accept Check,Cash,Phone order

xcardissueNumber	In England this is used if Delta and Solo cards are used No
xallowcreditcards	Yes displays credit card prompt on the form
xallowotherpayments	Yes displays other payment on the form
xallowinvalidcards	Yes is for testing. This bypasses all credit card validation

7.5.3 *Removing all Payment Information*

There are two ways of totally bypassing shopcheckout. If your shop is configured not to display prices, then no request for payment is made and shopcheckout simply skips itself.

If you are displaying prices but do not wish to ask the customer about payment, then use our supply shopcheckoutdummy.asp. Edit Shop Configuration

xcheckout	shopcheckoutdummy.asp
------------------	-----------------------

7.5.4 *Unpaid Orders*

After the customer presses the order button in shopcreateorder.asp, the order is stored in the database. If the customer leaves without paying, there will be nothing in the payment field. This is done to allow flexibility in using different payment gateways.

You can use this information to follow-up customers to try to find out why they left your shop without completing the order.

7.6 Shopthanks.asp

The last of the routines for processing an order. It creates e-mail for merchant and customer and displays an order confirmation.

Thank you for your order.
You can print this form as your confirmation
Order Number 3 on Jul 23 2000 19:16:25

Products	Quantity	Unit Price	Total
Girls Shirts Summer short sleeve shirts in assorted size and colors Base price \$9.90 Features/Options: Striped add \$2.00	1	\$11.90	\$11.90
	Product Cost		\$11.90
	Shipping Cost		\$10.00
	Total		\$21.90

Customer Information	
First Name	Fred
Last Name	Buyer
Address	3 Test Pl
City	Test City
State	NY
Post Code	11720
Country	US

7.7 Configuration Options

xendoforderhyperlinks	Yes tells VP-ASP to generate hyperlinks for products at the end of an order
xendoforderhyperlinkfield	orderdownload – the field in the database to look for hyperlink information
xendoforderattachments	Yes tells VP-ASP to add attachments to the customer e-mail at the end of the order
xendoforderattachmentfield	orderattachment is the field in the products record to look for attachment. Attachments must be real disk address such as c:\mydirectory\data\abc.zip
xendofordervalidpayments	Visa,Mastercard is the list of payments that allow either hyperlinks or attachments to be generated

7.8 Changing Fonts and Colors

In shop\$colors.asp the following lines control the formatting of an order.

```
'FormatOrder
const FOrderproductbgcolor="#FFFFFF"
Const FOrderTable="<table border='1' cellpadding='2' cellspacing='0' width='80%'>"
Const FOrderProductRow="<TR bgcolor='99CCCC'>"
Const FOrderRow="<tr>"
Const FOrderTitleColumn="<td align=center bgcolor='#CFDFFC'><font face='Verdana, Arial' size=2><b>"
const FOrderSubTotalLeft="<TD colspan='2' BgColor='#339999'><font face=verdana size=2 color='#FFFFFF'>"
const FOrderSubTotalRight="<TD align='right' bgcolor='FFFFCC'><font face=verdana size=2>"
Const FOrderTotalLeft="<TD colspan=2 bgcolor='FFFFFF'><b><font size=4>"
Const FOrderTotalRight="<TD align='right' bgcolor='FFFFFF'><font face=verdana size=3><b>"
Const FOrderFieldRow="<tr>"
Const FOrderFieldLeft="<TD align='left' width='30%' bgcolor='FFFFFF'><font face='Verdana, Arial'>"
Const FOrderFieldRight="<TD align='left' width='70%'><b><font face='Verdana, Arial'>"
```

7.9 Shopmail.asp

Does the actual mailing through the Windows operating system. VP-ASP comes with four operating system interfaces: ASPMAIL, ASPEMAIL, CDONTS, CDOSYS and JMAIL. If your system does not have one of these you may need to add code to shopmail.asp to support your e-mail system.

Any other ASP compatible mailing interface can be added to Shopmail.asp

7.10 ShopMailFormat.asp

The supplied shopmailformat.asp can be altered if required to change the mail message. This will require some knowledge of ASP programming.

7.11 Mailing with Templates

The VP-ASP Option Package includes the facility to mail by templates. This facility provides the ability to create a text file with your own unique messages. It also provides the ability to mail a list of people. Each person can receive a different message using a different template. For example, an e-mail to your mobile phone may simply have the amount and product description instead of all the customer information.

To use this facility set the following configuration.

xemailwithtemplates	Yes
----------------------------	-----

7.12 ShopThanksMerchant.asp -Adding Your Own Messages

Additional messages can be written out to the buyer at this time. Edit file shopthanksmerchant.asp. This routine has the ability to read anything in the order and to look at all products ordered. See the code to determine how to check order fields.

7.13 Shopsearch.asp

Generates SQL to search for a specific product, category or manufacturer. It actually does not display the search results but calls shopdisplayproducts.asp. The SQL is stored in session variable SQL. It treats all data as a string. Up to 10 words or phrases can be used. Logic is to display any that match.

Search can be done by keywords, category or subcategory or a combination of all of these. The search sort is defaulted but a dropdownlist of possible sort fields can be displayed.

If you want to have your own search facility, create any SQL you want, set session variable Session("SQL") and then go to shopdisplayproducts.asp which will generate a list based on your criteria.

You can use the search facility to locate a product within a category or search all products.
Select a category and up to 10 keywords separated by commas.

Enter Search Fields													
Keyword:	<input type="text"/>												
<input type="checkbox"/>	<table border="1"><thead><tr><th>Category:</th><th>Subcategory:</th></tr></thead><tbody><tr><td>Toys</td><td>All <input type="text"/></td></tr><tr><td>Travel Packages</td><td>No subcategories</td></tr><tr><td>Stationery</td><td>No subcategories</td></tr><tr><td>Services</td><td>No subcategories</td></tr><tr><td>Clothes</td><td>No subcategories</td></tr></tbody></table>	Category:	Subcategory:	Toys	All <input type="text"/>	Travel Packages	No subcategories	Stationery	No subcategories	Services	No subcategories	Clothes	No subcategories
Category:	Subcategory:												
Toys	All <input type="text"/>												
Travel Packages	No subcategories												
Stationery	No subcategories												
Services	No subcategories												
Clothes	No subcategories												
<input type="button" value="Search"/>													
<input type="button" value="Reset"/>													

7.14 Specifying Sort Fields

Enter Search Fields		
Keywords	<input type="text"/>	
Sort	Select	
	Select	

	Category	Subcategory
<input type="checkbox"/>	Clothes	No subcategories
<input type="checkbox"/>	Groceries	No subcategories
<input type="checkbox"/>	Services	No subcategories
<input type="checkbox"/>	Stationery	No subcategories
<input type="checkbox"/>	Toys	All
<input type="checkbox"/>	Travel Packages	No subcategories

By setting the following Shop Configuration Options, the sort fields are displayed. The first value is the actual field name in the database and the second is the caption the customer sees. Access does not allow sorting by memo fields. So sort by cdescription or extendedesc is not allowed

xsearchfortfields	name,cprice,ccode
xsearchsortcaptions	Name, Price, Product code

7.15 Hyperlinking to shopsearch.asp

The preferred method of doing searches from your own web site is to use shopquery.asp. Shopsearch.asp can be used when you want to do keyword searches.

```
<a href="shopsearch.asp?search=YES&keyword=abc,def,jkl">Search for keywords</a>
```

7.15.1 Altering Displays

It is possible to remove the categories and/or subcategories from this display. In Shop\$colors.asp change these values to "No" to remove categories and/or subcategories. Removing categories automatically removes subcategories.

xsearchdisplaycategories	Yes display current highest level categories
xsearchdisplaysubcat	Yes displays any subcategories to 1 level down

The fields being searched can be changed by altering this VP-ASP Configuration.

xsearchfields	cname,cdescription,ccode,mfg
----------------------	------------------------------

So to add the keywords field in the products table and the pother1 field it would look like this:

xsearchfields	cname,ccode,cdescription,ccode,keywords,pother1
----------------------	---

7.15.2 Changing Fonts and Colors

```
Const SearchKeywordTable="<table cellpadding=1 cellspacing=1 width='70%'>"
Const SearchHeaderRow="<tr bgcolor='#336699'><td colspan=2><font face='verdana' size='3'
color='#FFCC99'><b>"
Const SearchKeywordRow="<tr bgcolor='#E5E5E5'><td>"
Const SearchCatTable="<table border=0 cellpadding=1 cellspacing=1 width='70%'>"
Const SearchCatHeaderLeft="<tr bgcolor='#E5E5E5'><td></td><td valign=top><b>"
Const SearchCatHeaderRight="<td valign=top><b>"
Const SearchCatRowStart="<tr bgcolor='#E5E5E5'>"
Const SearchCatRowEnd="</tr>"
const SearchCatColumnStart="<td><font face='verdana,arial' size=3 color='#000000'>"
const SearchCatColumnEnd="</font></td>"
const SearchSubcatColumnStart="<td><font face='verdana,arial' size=3 color='#000000'>"
const SearchSubCatColumnEnd="</font></td>"
```

8 Customer Service Center

The customer control center is the place for the customer to come to:

- Review orders
- Save or restore carts
- Buy or redeem gift certificates
- Enter discount coupons
- Join your mailing list
- Obtain lost password
- Read and write order tracking messages

Depending on the options you select in the configuration file, more or less menu items will appear. The routine shopcustadmin.asp displays this menu.

The following affect the service center menu:

xallowcustomerupdates	Yes allows customers to update their details
xallowsavecart	Yes allows customers to save wish lists on their own PC as a cookie
xallowrevieworders	Yes allows customers to review previous orders
xallowmaillist	Yes allows non customers to join your mailing list
xallowcustomerregister	Yes allows non customers to enter full address details
xallowcoupons	Yes allows discount coupons
xallowgiftcertificates	Yes allows gift certificates
xtrackingcustomerread	Yes allows customers to read tracking messages
xtrackingcustomerwrite	Yes allow customers to write tracking messages
xmaillisttomerchant	Yes sends e-mail to merchant on either customer registration or joining mailing list
xtracking	Yes means to turn on order tracking
xallowsupplierregister	Yes allows suppliers to create a supplier record
xallowrestoreorders	Yes allows customers to restore orders for quicker repeat shopping
xgiftregistry	Yes enables Gift Registry. Gift registry is a fee paid add-on. It is not included with standard VP-ASP or Option Package

Gift Certificates, Discount Coupons and Order Tracking are supported only with the VP-ASP Option Package.

Customer Service	
1.	Cart Administration
2.	Review previous Orders
3.	Coupon Discount
4.	Redeem Gift Certificate
5.	Buy a Gift Certificate
6.	Change address Details
7.	Login
8.	Forgot your password?
9.	Join our mailing List

[Start as new user](#)

8.1.1 Adding Menu Items

This menu is created dynamically in shopcustadmin.asp. The menu changes depending on the configuration options selected in Shop Configuration. Additional items can be added by altering lines like this near the bottom of the file

```
AddMenuItem LangCustAdminStatus,"shopstatus.asp", "Yes"
```

LangCustadmin is the caption

Shopstatus.asp is the hyperlink

The third value if set to "Yes" the menu item is displayed

8.2 Review Previous Orders -Shopstatus.Asp

The customer can enter last name and password to check all orders. To check a specific order the order number can be entered. A new status field has been added to the orders table. This is a text field that is displayed for the customer. If the customer has already logged in, then the login screen is bypassed otherwise file shopcustadminlogin.asp is invoked to get the customer information.

Some services below require you to login

Last Name	<input type="text"/>
Email	<input type="text"/>

Continue

8.3 Status Display – Shopstatus.asp

The display shows orders in descending order by date. The customer can review the entire order by clicking on view. A display of the last 20 orders is the default. The customer can search for a specific order. Tracking is part of the VP-ASP Option Package.

The customer can restore the contents of the order by clicking on the “Yes” under restore order. If you do not want customer to restore orders specify.

xallowrestoreorder	Yes allows customer to restore previously ordered items to the cart
---------------------------	---

Orders are listed by latest date first

Order Number

Order #	Amount	Date of Order	First Name	Last Name	Status	Processed	Restore	Track
2	\$25.85	31/10/01	Fred	Buyer		No	Yes	<input type="checkbox"/>

8.3.1 Merchant Responsibilities

The merchant is responsible for setting the processed indicator. This is done when displaying orders in the administration section. The **ostatus** field in the order needs to be filled in by the merchant if anything is to be displayed.

8.4 Tracking Messages

Tracking allows communication between merchant and customer. Tracking is part of the VP-ASP Option Package. In VP-ASP configuration the following can be set:

xtracking	Yes turns on order tracking
xtrackingcustomerread	Yes allows customers to read tracking messages from the merchant
xtrackingcustomerwrite	Yes allows customer to write tracking messages to the merchant

The tracking messages are displayed with the latest at the top. If the customer can write tracking messages, the top form is displayed. If they can read tracking messages, the bottom form is displayed.

Email message to merchant

Order Number	2
Your Name	<input type="text"/>
E-mail address	fred@abc.com

Tracking Message

[Continue](#)

Tracking Message

trackid	Date	Time	Name	Tracking Message
1	31/10/01	9:11:30 AM	Shipping Dept - Harry	Your tracking # is 555555. Your goods will be shipped on Monday.

8.5 Saving and Restoring Carts

The customer can save the shopping cart and restore it at a later date. Saving and Restoring carts are enabled with this line in Shop Configuration

xallowsavcart	Yes allows customers to save wish lists on their own PC as a cookie
----------------------	---

Carts are saved on the customer's computer as a set of cookies. The customer can restore the cart or delete the cart. Cart names can be anything. If any carts have been stored on the customer's computer, they are listed.

Cart Administration

Save this cart or restore previously saved carts

Cart Name	Restore saved cart	Delete
Weekly Groceries	Yes	Yes
Monthly Shopping	Yes	Yes

Cart Name	<input type="text"/>
How long to save this cart in days	<input type="text" value="365"/>
<input type="button" value="Save this cart"/>	

8.6 Mail Forgotten Password – Shopmailpwd.asp

If you allow customers to use passwords to login, they can retrieve forgotten passwords by entering their e-mail address and name.

Forgot your password?
Your password will be sent to you immediately

Last Name	<input type="text"/>
Email	<input type="text"/>

Continue

8.7 ShopTellafriend.asp

This routine allows you to have the customer tell a friend about your site or about a specific product.

In Shop Configuration you must set the following to the location where VP-ASP is installed on your site.

xmysite	http://www.thisisyoursite.com/shopping
xproductlinktellafriend	Yes automatically adds a link from the normal product displays to Tell a friend

8.7.1 Hyperlink to shoptellafriend.asp

You can add hyperlinks to shoptellafriend.asp from anywhere on your site.

shoptellafriend.asp Use to tell about your site
shoptellafriend.asp?id=33 Used to tell about a specific product

Tell a friend about this site or product

* Your Name	<input type="text"/>
* Your Email	<input type="text"/>
* Friend's Name	<input type="text"/>
* Friend's Email	<input type="text"/>
* Your Message	<div style="border: 1px solid gray; padding: 5px;">Please check out this product Hotel Room</div>

8.7.2 Tell a Friend Mail

Tell a friend mails the message and a hyperlink. The hyperlink will be different for a product than for a site.

For a product the hyperlink is:

<http://www.yoursite/shopping/shopquery.asp?catalogid=1>

or if you have the VP-ASP Option Package

<http://www.yoursite/shopping/shopexd.asp?id=1>

For a site the hyperlink is:

<http://www.yoursite/shopping/>

8.8 Other VP-ASP Files

The files below are used by VP-ASP.

8.8.1 ShopLogin.Asp

Called by ShopCustomer.asp if the customer is an existing customer. It locates the customer and returns back to shopcustomer.asp to let the customer alter any details for this purchase.

8.8.2 Shopcustadminlogin.asp

Displays a form to allow customers to login.

8.8.3 Shopmailpwd.asp

Sends the customer his password if forgotten.

8.8.4 ShopEmptyCart.asp

Displays a help box if VP-ASP detects that cookies are not enabled for the customer. Under current Microsoft rules cookies must be enabled for Session Variables to work properly.

8.8.5 ShopError.asp

The routine writes a message to the customer. An error has occurred or an informational message needs to be displayed. This is called when the page does not normally issue its own error messages.

The font can be changed by altering this line in shop\$colors.

```
'  
'ShopError  
const ErrorFontStart="<p align=center><font face=Verdana size=4 color='#BB0000'><b>"  
const ErrorFontEnd="</b></font><br><br>"
```

8.8.6 Programming Interface

Input: Msg on querystring in proper URL format.

ShopError.asp is called as follows:

```
shoperror "my error message"
```

8.8.7 ShopEnd.asp

Called when an order has been completed. It resets certain session variables and returns to the home page.

It uses Session Variable "home" to determine where the home page is located.

If querystring has value END=1 then Session.abandon is issued.

8.8.8 Shopvbs.asp

Microsoft ADO constants.

9 Administration

This is only a quick summary of merchant administration. Full details are in the VP-ASP Merchant Guide. The administration components let you view orders, change any table, update product information, search for data, add new products, categories, add and delete users.

Users can be added to the database and have different privileges. There are two administrator users defined in the database.

VPASP and ADMIN.

VPASP only has a subset of privileges and ADMIN has the full set.

We strongly recommend that you rename these userids and passwords before starting your production store.

9.1 Shop Administration

Shop administration is for the merchant or web developer and not for the customer. The administration facilities include:

- Add, delete and modify products
- Add, delete and modify any other VP-ASP table
- Define administrator userids
- Define menus and tasks for each administrator
- Restrict administrators to viewing or updating specific tables
- Display sales reports
- Display stock low reports
- Perform searches of the database
- Export data from tables
- Mail to selected customers
- Configure most of VP-ASP options
- Send messages to customers via order tracking *
- Create Projects for special payments *
- Display affiliate reports *

The items with an * require the VP-ASP Option Package.

9.2 Login to Administration

This is the login screen for shop administration. All the administration routines invoke a subroutine Checkadmin, to verify that the user has logged in. If not then this routine is invoked to display the form. Administrators can add, delete, and alter user privileges.

This site is reserved for Shop Administrators only.

Administrator's Login	
UserName	<input type="text"/>
Password	<input type="password"/>
	<input type="button" value="Login"/>

9.3 Predefined userids

Two userids are defined when you receive VP-ASP. We recommend you change these through the user control menu. Log in with userid **admin** to alter, rename or change userids.

userid	password	Description
vpasp	vpasp	A subset of all the possible administration functions
admin	admin	Full set of VP-ASP functions

9.4 Menus for Administration

Once a successful login has been done, this routine reads the shop database to determine which menu items are displayed. Each administrative user can be given different menus. An experienced user can bypass the menu and execute any administrative function if they know the script name.

VP-ASP Administrative Facilities

Utility or Function	Description
1. Display Orders	Display orders
2. Edit Categories	Categories
3. Edit Products	Products
4. Configure Shopping Cart	Configure Shopping Cart
5. Edit VP-ASP Tables	View and Edit tables
6. Edit Shipping	Shipping Methods
7. Sales Reports	Sales Reports by Date
8. Product Report	Display products sold
9. Edit Customers	Customers
10. Edit Orders	Orders
11. Edit Product Features	Product Features
12. Edit Coupons	Coupons
13. Edit Gift Certificates	Gift Certificates
14. Edit Projects	Projects
15. Edit Reviews	Product Reviews
16. Edit Affiliates	Affiliates
17. Edit Customer Prices	Customer Prices
18. Edit Quantity Discounts	Quantity Discounts
19. Edit Suppliers	Suppliers

9.5 Additional Menu Items Assigned to Userid Admin

These are additional Menu items assigned by default to userid admin. Any menu can be assigned to any userid.

20. Stock Reports	Stock Low Reports
21. Search Report	Display search keywords
22. Affiliate Reports	Affiliate Reports
23. Bulk Product update	Bulk update of Stock
24. Product Import	Bulk Import from a file
25. Project Report	Projects
26. Advanced Query	Advanced Query
27. User Control	Add/Delete Users
28. Menu Control	Menus for administrators
29. Log History	View Login history

9.5.1 Adding New menu items

The menu items on this page are dynamically read from the database. Using menu control, you can add/delete and alter what is displayed on this page. Each administrator can be given different menus. For example, one administrator may only be allowed to view orders but not add or alter products.

9.6 Adding a new Edit Menu

If you want to add a new Edit table menu, select Menu Control. The filename to use is
`shopa_editdisplay.asp?table=xxxxxxx`

10 Configuration (shopa_config.asp)

Shop configuration is used to tell VP-ASP how you should run your particular Internet shop. It includes things such as credit cards you will accept, tax rates, how much information you want to collect from customers, payment types you accept and much more.

VP-ASP is designed to work immediately with no configuration. There are over two hundred different options that you can alter. They are divided into groups such as payments, customers, affiliates, etc. They mostly start with “x” and have a name that may help you determine what they do. Some are Yes or No. And others require you to fill in details.

By clicking on the ? at the right of any option, a description of what the configuration does is displayed.

IMPORTANT

**Any changes you make to the configuration,
must be followed by
RELOAD SHOP CONFIGURATION**

Field name	<input type="text"/>	Search
------------	----------------------	--------

[Reload Shop Configuration](#)

VP-ASP Shopping Cart Configuration	
1.	<u>Merchant details</u>
2.	<u>Products 1</u>
3.	<u>Products 2</u>
4.	<u>Customer Information</u>
5.	<u>Payments</u>
6.	<u>Shipping</u>
7.	<u>International</u>
8.	<u>Stock Control</u>
9.	<u>Option Package-Gifts,Coupons,tracking,mailing</u>
10.	<u>Affiliate</u>
11.	<u>Template file</u>
12.	<u>Buttons and navigation</u>
13.	<u>Administration Security</u>
14.	<u>Advanced</u>
15.	<u>View Current Shop Configuration</u>
16.	<u>Edit</u>

When you click on any of the options, a menu of field names is displayed.

10.1.1 Searching for specific configuration Option

Configuration options are names such as **xcreditcardsallowed**. In these manuals you may be asked to alter a configuration option. You do it from this menu. It is possible to locate a specific configuration option by typing its name or partial name and then clicking the search button. You could also search by entering **credit** into the search box and all fields that have credit in their name would be displayed.

10.2 Alternating Configuration

VP-ASP will run without changing any options, but it is suggested that you go through each menu item. The VP-ASP Developers Guide goes through each menu and it relates it to various pages being displayed.

10.3 Updating Configuration

Once you have finished defining how you want your shop to run, you must **Reload Shop Configuration**. All the options in your shop are now read from the database and stored as **Application** variables. They immediately take affect. As some are used at certain points in the shopping process, if a person is already shopping, not all may affect such shoppers.

xautoloadconfiguration	Yes eliminates the need to "Reload Shop Configuration after each change. It is done automatically for you
-------------------------------	---

10.4 Merchant Details

Merchant details should be changed to match your system. Each field on the left is the internal name of the configuration option. You cannot change this. But you can change any or all of the values.

You **MUST** change **xemail** and **xemailsystem** and possibly **xemailtype**.

Merchant details	
xemail	you@youremail.com 
xemailname	VP-ASP Shopping Cart 
xemailsubject	Shopping Order 
xemailsystem	mail.yourmailsystem.com 
xemailtype	CDONTS 
xhome	default.htm 

Continue

Reset

10.5 Merchant Details Fields

These fields should be reviewed by each merchant.

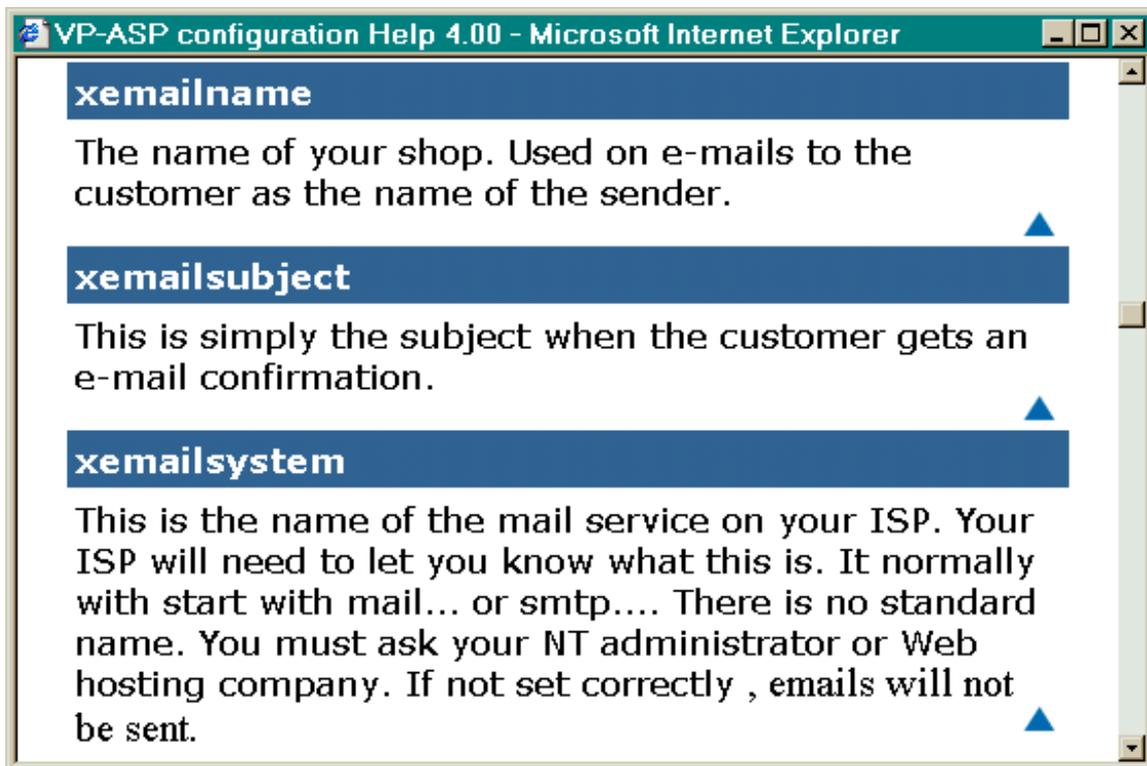
xemail	After an order has been completed, who should be notified. This is the email address of that person
xemailname	The name of your shop
Xemailsubject	This is simply the subject when the customer gets an e-mail confirmation.
xemailsystem	This is the name of the mail service on your ISP. Your ISP will need to let you know what this is. It normally will start with mail... or smtp...
xemailtype	This is the person's name to be e-mailed. The customer's name is generated automatically from the order. const xemailtype="CDONTS". The type of E-mail to use. Three types are in VP-ASP, ASPMAIL, CDONTS, JMAIL and ASPEMAIL. Most web hosting companies have one of these installed. See http://www.vpasp.com/virtprog/info/faq_email.htm
xhome	The location where VP-ASP returns after an error or after an order completes

10.5.1 Other Merchant Details

Other merchant details that display on the printed invoice come from table **mycompany**. You should edit this file using the VP-ASP edit other tables facility shown later in this guide.

10.6 Configuration Help

By clicking on the ? at the right of the row, a help screen appears with a summary of what that particular field actually does. The help screen should appear at the exact field you have clicked. The configuration help file is **shopa_confighelp.asp**. It is plain HTML and can be altered to suit your shop.



10.7 Viewing the Configuration

You can view your current shop's running configuration by clicking "View Configuration". The configuration is divided into two displays: application variables and session variables.

10.8 Application Variables

The application variables are the "running set" of your configuration options. After you run "Load Shop Configuration", the database of configuration options is loaded into memory and used by all your shoppers. There is only one set of values and they are used by all shoppers.

When you alter the configuration using the menus that follow, the running shops configuration is not automatically changed.

Only when you select **Reload Shop Configuration** do the application variables change. That is the only time they change unless you specify `xautoloadconfiguration=Yes`.

Once changed they remain until you reload again. If the server restarts, the application variables are automatically reloaded the first time the database is opened.

10.9 Session Variables

Session Variables are unique to your individual browser session from your PC. They change as you do different things with the shopping cart and they vanish when you close your browser or after a specified time (normally 5-20 minutes).

IMPORTANT

10.10 Test Shops and Production Shops

Application variables are specific to a URL (www.yoursite.com). If you decide to install a test version of VP-ASP into a second directory, the application variables in the test directory will really alter the production application variables. To prevent this from happening, edit shop\$config.asp and change this line and you should use a different configuration table.

xshopid	Changes the application variables so that sites in the same domain do not affect each other
xconfigtable	configuration1. There are two configuration tables. Configuration1 is normally unused and is empty

The application variables will now be unique to your test shop and will not affect your production shop.

10.11 Configuration Tables

You only need a different configuration table if you:

- Have multiple directories in the same domain
- Each points to the same database
- Each needs a different set of configuration values

You tell VP-ASP which configuration table with a line in shop\$config.asp

xconfigtable="configuration1"

You can create additional configuration tables using Microsoft Access or the convertsql.asp utility.

By default configuration1 is empty. To add data to it, run the shopcopyconfig.asp utility.

11 Adding Categories and Products

VP-ASP has two main tables related to products: categories and products. You should have at least one category. You can have as many categories as you want. Categories can have subcategories. There is no limit to either the categories or subcategories or the depth of the subcategories (subcategories can have more subcategories).

From the main administrative menu select **Display Categories**.

VP-ASP Administrative Facilities

Utility or Function	Description
1. Display Orders	Display orders
2. Display Categories	View/Update Categories
3. Display Products	View/Update Products

11.1 Edit Display Menu

You will see our normal Edit/Display menu which is explained in detail later in this guide. For now you can simply click **Add a record** to create a new category. Or click Edit next to an existing category to change it. Or click the checkbox next to an existing category to delete it.

Mail Setup	Select Table	Export Setup	Delete Setup
Table name : categories			
Sort <input type="text" value="Select"/> <input type="text" value="Ascending"/>		Select <input type="text" value="Select"/> <input type="text"/>	Display <input type="text" value="All"/> <input type="text" value="categoryid"/> <input type="text" value="catdescription"/> <input type="text" value="highercategoryid"/> <input type="text" value="catimage"/>
Add a Record		<input type="button" value="Reset"/>	<input type="button" value="Display"/>

Page 1 of 1

	categoryid	catdescription	highercategoryid	catimage	hassubcategory	cathide	catextra	delete
Edit	1	Toys	0	vpdemo_doll.jpg	Yes			<input type="checkbox"/>
Edit	2	Travel Packages	0	vpdemo_travel.jpg				<input type="checkbox"/>
Edit	3	Stationery	0	vpdemo_stationery.jpg				<input type="checkbox"/>

11.2 Add a new Category

Select categories from the main menu. Then select **Add a new Record**. The form below will be displayed. Each of the names on the left are field names in the categories table. The only field required is the “**catdescription**”. This is the category name.

Category Number:	13
Description	<input type="text" value="Travel Packages"/>
Image: View Upload image	<input type="text" value="vpdemo_travel.jpg"/>
Higher Subcategory	Select <input type="text"/>
Subcategories Yes	<input type="text" value="Yes"/>
Hide	<input type="text"/>
Match product	<input type="text"/>
Match customer	<input type="text"/>

[Edit](#)

description (catdescription)	The category name. Required. No other field is required.
image (catimage)	If an image is to be displayed, this is either a filename or URL to the image. For example myimage.gif or http://www.mysite.com/images/myimage.gif Image can be viewed. With the Option Package you can also upload images from your local PC
Higher categoryid (highercategoryid)	0 for the top most category (select will generate 0). The categoryid (number) of the category above this category. Every category is assigned a number called the categoryid. The current categories are listed.
Subcategories Yes (hassubcategory)	This should be left empty unless this category has subcategories. If it has subcategories put the word Yes in the field. If you put ANYTHING in the field, VP-ASP assumes it has subcategories
hide (cathide)	Leave empty unless you do not want this category to display otherwise put Yes in this field. Anything in this field is the same as Yes
Match Product (matchproduct)	Use only if you want VP-ASP to match the product in shop\$config.asp
Match Customer (matchcustomer)	Use only if you want VP-ASP to match same field in customer record

11.2.1 Edit Record

The record can be edited by clicking edit at the bottom of the form. Additional categories can be quickly added by using the Add Button.

12 Adding a product

This is the main form for adding and altering product information. Certain required fields such as description and price are entered. It also generates a selection list for categories and category codes. Products are very important and this data entry screen forces correct information and makes feature selection easy.

From the main administrative menu select **Display Products**.

VP-ASP Administrative Facilities

Utility or Function	Description
1. Display Orders	Display orders
2. Display Categories	View/Update Categories
3. Display Products	View/Update Products

12.1 Edit Display Menu

You will see our normal Edit/Display menu, which is explained in detail later in this guide. For now you can simply click **Add a record** to create a new product. Or click Edit next to an existing category to change it. Or click the checkbox next to an existing product to delete it.

[Mail Setup](#)
[Select Table](#)
[Export Setup](#)
[Delete Setup](#)

Table name : *categories*

Sort

Select

Ascending

Select

Select

Display

All
categoryid
catdescription
highercategoryid
catimage

[Add a Record](#)
Reset
Display

Page 1 of 1

	categoryid	catdescription	highercategoryid	catimage	hassubcategory	cathide	catextra	delete
Edit	1	Toys	0	vpdemo_doll.jpg	Yes			<input type="checkbox"/>
Edit	2	Travel Packages	0	vpdemo_travel.jpg				<input type="checkbox"/>
Edit	3	Stationery	0	vpdemo_stationery.jpg				<input type="checkbox"/>

12.2 Product Form

There are two buttons at the bottom of the form, Add and Update. After you add a product, if you made a mistake, you can correct it immediately. This only works until you add another product or leave the session.

The captions can be changed by altering the language files shop\$language_english.asp and shop\$language2_english.asp

Please update product values and press the Update button.

Name	<input type="text"/>
Description	<input type="text"/>
Price	<input type="text"/>
Category:	<input type="checkbox"/> Groceries <input type="checkbox"/> Hidden Category <input type="checkbox"/> Services <input type="checkbox"/> Stationery <input type="checkbox"/> Toys

12.2.1 Required Fields

Required fields for each product are name, description price and category. Everything else is optional.

name (cname)	The name of the product
Description (cdescription)	This is a long description of the product. It can be any size and can include HTML
Price (cprice)	The price without \$
Category (ccategoryid)	Select one or more categories the product belongs in. To select more than one category, hold down the CTRL key when making a selection

12.2.2 Other Product Fields

All Other Fields are optional

Product Code:	<input type="text"/>
SubCategory:	<div style="border: 1px solid black; padding: 2px;"> Select Large Puzzles New Dolls New Puzzles New Toys </div>
Extended description page:	<input type="text"/>
Feature Numbers:	<input type="text"/>
Features:	<div style="border: 1px solid black; padding: 2px;"> None Colors [1] Donation [6] Hard Easy [15] Paper Color [4] </div>
Image:	<input type="text"/>
Order Button image:	<input type="text"/>
Stock:	<input type="text"/>
Weight:	<input type="text"/>
Manufacturer:	<input type="text"/>
Supplier #	<input type="text"/>
Cross Selling Products	<input type="text"/>
Date available:	<input type="text"/>

In the descriptions the item in (...) is the field name in the database. This cannot be changed. The bold field such as **Name** can be changed by editing shop\$language_english.asp.

Product Code (ccode)	Product code. Sometimes this is called an SKU.
Subcategory (subcategoryid)	Select one or more subcategories the product belongs in. To select more than one category, hold down the CTRL key when making a selection
Extended Description Page (cdescurl)	Filename or ASP page. VP-ASP will automatically generate a hyperlink back to this page when the product is displayed. It can be a full URL (http://www...)
Feature Numbers (features)	This is normally for display only. It is the features for this product from the prodfeatures table. A list of available features is shown the form
Features (features)	Select one or more features for the product. To select more than one category, hold down the CTRL key when making a selection
Image (cimageurl)	Thumbnail picture of this product
Order Button Image (buttonimage)	If you are using individual order buttons, you can replace the normal default button on a product by product basis. This is the name of an image file
Stock (cstock)	Stock level (a number). Only used if VP-ASP stock control has been activated
Weight (weight)	Number. Only used if you have selected a shipping calculation based on weight
Manufacturer (mfg)	Can be anything. Unused by VP-ASP

Supplier # (supplierid)	Leave blank if you are not using VP-ASP supplier reports. Otherwise it is the supplier number from the suppliers table
Cross Selling Products (crossselling)	A list of associated products. This is a list of catalogids (unique number assigned to a product). For example 99, 123,2
Date Available (cdateavailable)	Unused by VP-ASP

Other1:	<input type="text"/>
Other2:	<input type="text"/>
Other3:	<input type="text"/>
Other4:	<input type="text"/>
Other5:	<input type="text"/>
Retail Price:	<input type="text"/>
Special Offer:	<input type="text"/>
Allow User Text	<input type="text"/>
Keywords	<input type="text"/>
Template file	<input type="text"/>
More Information!	<input type="text"/>
Large image	<input type="text"/>
Selection List	<input type="text"/>
Minimum Quantity	<input type="text"/>

Other 1 (pother1)	Unused by VP-ASP
Other 2 (pother2)	Unused by VP-ASP
Other 3 (pother3)	Unused by VP-ASP
Other 4 (pother4)	Unused by VP-ASP
Other 5 (pother5)	Unused by VP-ASP
Retail Price (retailprice)	If you want VP-ASP to automatically display a price below the normal price, put a value here. Otherwise it is unused by VP-ASP.
Special Offer (specialoffer)	If something is in this field, VP-ASP sort displays these products first with the information supplied. Otherwise it is unused.
Allow User Text (allowusertext)	Obsolete. For compatibility only
Keywords (keywords)	Keywords to be used for searching
Template File (template)	Using the Option Package extended description, you can supply a unique template per product. The default is tmp_product.htm
More Information (extendeddesc)	Used only by the Option Package to generate the extended description of the product. There is no limit to the size
Large Image (extendedimage)	Used only by the Option Package to generate the extended description page. A larger image of the product.
Selection List (selectlist)	Used when features are very specific to the product. A list in the form of Small, Large [2.00], Very Large [3.00]
Minimum Quantity (minimumquantity)	Leave empty unless you want VP-ASP to generate a drop down list for quantity using this number as a base. For example if you put 10 here, then the customer can only buy in multiples of 10. 10,20,30 ...

Hide	
Discount group	
Language	
Attachment	
Download	
Match customer	
Match product	
Points	
Redeem Points	
Price 2	
Price 3	
Userid	

Hide Product (hide)	0 or false = do not hide the product 1 or true = hide the product from displaying
Discount Group (groupfordiscount)	You can group products together to form a group where quantity discount will apply. The group name must match a group in the quantity prices table. When a customer purchases products in the same group, then the discount is applied to all the products based on the rules you have created
Language (clanguage)	This name must match the language currently being used. When a language switch occurs, VP-ASP will display products only matching that language. Language switching is part of the VP-ASP Option Package
Attachment (orderattachment)	VP-ASP can automatically add attachments at the completion of the order. This is the location of the file. It cannot be a URL. It must be a full disk address in form c:\mydirectory\myfile.xxx
Download (orderdownload)	VP-ASP can automatically generate download hyperlinks at the end of the order. This is the location of the file. It can be any valid URL or filename
Match Customer (customermatch)	To restrict products to specific customers, this field matches the same field in the customer record
Match Product (productmatch)	To restrict certain directories to display specific products, this field matches xproductmatch in shop\$config.asp
Userid (userid)	The administrative user assigned to the product. Leave blank and VP-ASP will automatically add the current logged in administrator
Points	Used only if points systems is enabled. The number of points customer receives if they purchase the products
Points to Redeem	Unused by VP-ASP
Price 2	Unused by VP ASP
Price 3	Unused by VP ASP

12.2.3 VP-ASP Configuration Options Adding Products

If *SpecialOffer* is specified, the product will appear at the top of its product list. If *retailprice* is specified, the price appears in italics under the current price of the product.

By default all subcategories are displayed. If you only want subcategories for the selected category to be displayed, set the following in VP-ASP Configuration.

xaddproductsubcategorybycategory	Yes
---	-----

12.2.4 Product Fields - Other

This display can also include your own non VP-ASP fields and captions. To add your own fields update these two lines in configuration.

xproductotherfields	yourfield2,yourfield2
xproductothercaptions	Your caption,Caption for yourfield2

The first line is the field names as they are in the database. Fieldnames CANNOT have spaces in them. The second line is the captions to appear in the display. Captions can have spaces.

12.2.5 Suppliers

If you have suppliers and wish to select them from the suppliers table, set the following value in VP-ASP Configuration.

xaddproductsupplierdropdown	Yes
------------------------------------	-----

13 Editing VP-ASP Tables

Any VP-ASP table can be edited. Permission is required to edit a table. By selecting Edit VP-ASP Tables, you have displayed a list of tables that you are permitted to view and edit

- categories
- customers
- mycompany
- orders
- oitems
- prodfeatures
- products
- shipmethods
- searchresults
- affiliates
- customerprices
- coupons
- gifts
- quantitydiscounts
- suppliers
- prodcategories
- reviews

Continue

13.1.1 *Selecting a table*

When table is selected, you are directed to the next file shopa_editdisplay.asp.

13.2 Shopa_EditDisplay.asp

This is a general-purpose routine to generate a table for the rows in any table in the database. From this menu you can:

- Sort records
- Select fields to display
- Locate a specific record
- Mail to customers
- Export records from a table
- Delete records
- Edit records
- Add a record

[Mail Setup](#)
[Select Table](#)
[Export Setup](#)
[Delete Setup](#)

Table name : *categories*

Sort

Select Select

Ascending Ascending

Select

Select Select

Display

All
categoryid
catdescription
highercategoryid
catimage

Add a Record
Reset
Display

Page 1 of 1

	categoryid	catdescription	highercategoryid	catimage	hassubcategory	cathide	catextra	delete
Edit	1	Toys	0	vpdemo_doll.jpg	Yes			<input type="checkbox"/>
Edit	2	Travel Packages	0	vpdemo_travel.jpg				<input type="checkbox"/>
Edit	3	Stationery	0	vpdemo_stationery.jpg				<input type="checkbox"/>

13.3 The control Bar

The mail Setup, Export Setup, Delete Setup are used to control those facilities.

Mail Setup runs file shopa_mailsetup.asp

Delete Setup runs shopa_deletesetup.asp

Export Setup Runs shop_exportsetup.asp

Select Table runs shopa_tableselect.asp

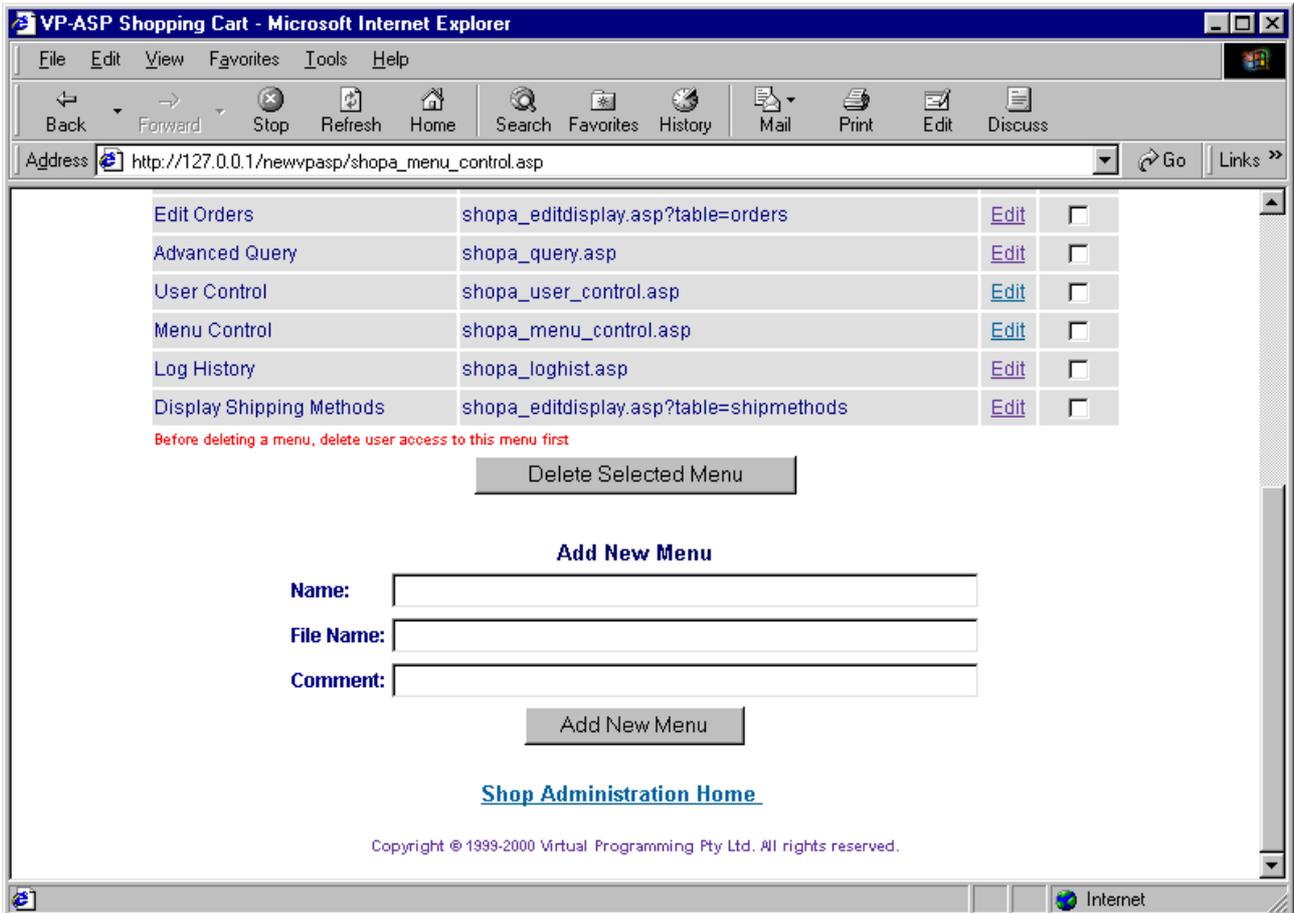
13.4 Deleting Records

Deleting products must be set-up by selecting Delete Setup. This brings up a set of checkboxes on the right hand side of the table. A button will then appear and allow you to delete records.

13.5 Shopa_Menu_control.asp

When a merchant logs on to the administrative system, a list of scripts available to him/her are displayed. This is controlled through this menu control.

Menus consist of a description, a comment and a URL. Although the shopping system uses only simple file names, full URLs can be used to invoke any other web sites or pages.



14 Bank or Electronic Payment Systems

VP-ASP supplies add-ons for electronic payment systems. In addition our general interface allows you to configure a new payment system in about 1-2 hours. These are free on request add-ons to VP-ASP customers but they do not undergo the same testing procedures and may be supplied on an as-is basis.

Existing electronic payment system interfaces code include the following:

Gateway	URL
2Checkout	www.2checkout.com
Anz Egate	www.anz.com.au
Australia Post	payitatpost.auspost.com.au
AuthnetSSL	www.authorizenet.com
Authorizenet	www.authorizenet.com
Bank of America	www.boa.com
Bluepay	www.bluepay.com
Cutting Edge	www.cuttingedgebankcard.com
Echonline	www.echo-inc.com
Ematters	www.ematters.com.au
Eprocessing	www.eprocessingnetwork.com
ESEC	www.esec.com.au
Eway	www.eway.com.au
Gomerchant	www.gocommerce.com
Gomerchant API	www.gocommerce.com
InternetSecure	www.internetsecure.com
Iongate	www.iongate.com
Intellipay	www.intellipay.com
Linkpoint	www.linkpoint.com
Merchant Trust	www.merchanttrust.com
NAB	www.national.com.au/
Paybycheck	www.paybycheck.com
Paypal	www.paypal.com
PlugnPay	www.plugnpay.com
PsiGate Com	www.psigate.com
Psigate	www.psigate.com
QuickCommerce	www.quickcommerce.com
Secpay	www.secpay.com
SecurePay	www.securepay.com
SecureTrading	www.securetrading.com
Skipjack	www.skipjack.com
Technocash	www.technocash.com.au
Verisign Payflow Link	www.verisign.com/payment
Verisign Payflow Pro	www.verisign.com/payment
Viaklix	www.viaklix.com
Worldpay	www.worldpay.com
And others	Many others

14.1 Adding your own Payment System

The electronic payment system normally consists of two new files. One file replaces shopcheckout.asp and formats the form fields necessary for the electronic gateway. The second file handles the status return back from the electronic gateway. There are no other changes to VP-ASP code.

In addition to the two files mentioned above, the VP-ASP configuration is updated to point to the replacement shopcheckout.asp.

14.2 Examples of Electronic Payment System

If you requested the electronic payment add-on for Verisign (Signio), we would send you additional files.

Verisignshopcheckout.asp

VerisignResult.asp

Verisigngateway.asp

You would alter VP-ASP configuration

```
xcheckout="verisignShopcheckout.asp" ' Electronic payment system
```

You will also need to update your merchant identifier supplied by the electronic gateway system. This is done by editing verisignshopcheckout.asp

14.3 Adding Additional Payment Systems

If you have a payment system that we do not have code for, we can help you build the interface or we can send you sample code on a similar type system.

15 Frames

VP-ASP can run well in a frames environment. Here are a few hints.

This assumes a three frame environment. Top for logo/banner, left for navigation and main for the VP-ASP shopping cart. Almost all the changes have to do with forcing the home page back to your normal framed site.

These hints are based on user experience in generating a framed VP-ASP shop. They are designed to save you time in building your shop. If you require that credit card be taken in a secure environment then follow the rules below, otherwise no special changes are required to run VP-ASP in a frames environment.

15.1.1 Frames and SSL

In order to allow VP-ASP to switch to secure mode (SSL), you must leave the frames environment. This is done by setting a configuration option `xFrames="Yes"`. You must also tell VP-ASP how to resume your frames environment by setting the following in VP-ASP Configuration that points back to your main site

VP-ASP Configuration change to:

xframes	Yes
xhome1	Http://www.yoursite.com

1. In the VP-ASP configuration file make sure your `xhome` points to your middle frame
2. In the file that generates the top navigation and site logo (`shoppage_header.htm`)
Remove the reference to the gif file. Assuming that the banner is in the top frame. You don't want two banners displaying.

15.2 Frames add-on

A free add-on for frames is available that adds to the frames handling of VP-ASP. It includes

1. Minicart in a left frame with automatic updating. This is normally difficult because one frames needs to notify another frame to update its contents.
2. Support for SSL while staying in a frame. Because it is difficult to get the lock to come on while staying within a frame, this code switches to SSL mode but continues your normal frames environment.

16 Shipping Calculations

This is done in file shopshippingcalc.asp
It sets two session variables, all of which can be null.

```
Session("smprice")=""           Shipping price
Session("ShipMethod")=""       Shipping method. A character string
```

The customer can either select the shipping method or you can provide a fixed method. In either case the calculations below will be activated. You can also display a separate shipping form or not.

16.1 Shipping Configuration

These Shop Configuration settings control the shipping calculations

xdefaultshippingmethod	Yes. If set to NO, the customer must select one from the drop down list. Otherwise the first one on the list is automatically selected.
xfixedshippingcost	0
xfixedshippingmethod	How you want to ship
xmerchantshipzip	99999
xshippingalternate	Lookup
xshippingcalc	Lookup
xshippingdatabaserecords	Yes
xshippingform	Yes
xfixedshippingmethod	This name is used to search the shipmethods table to find the shipping record when the customer cannot select it.

16.1.1 Shipping Calculations

VP-ASP supports different types of shipping calculations and can easily be modified to support just about any calculations you need. The shipping calculations are controlled by the VP-ASP configuration.

xshippingcalc	Lookup
----------------------	--------

Lookup	Customer selects shipping method but the amount is fixed regardless of what is being ordered. This is the default.
Fixed	You set a fixed amount by setting the following configuration. xFixedShippingmethod="Your shipping method" xFixedShippingcost="3.00"
PriceRange	Shipping is calculated by the total price of products ordered and selection made by customer
WeightRange	Shipping is calculated by weight of products and selection made by customer
Weight	Weight * Quantity * amount . Customer selects shipping method which determines the amount multiplier
Quantity	Quantity * amount . Customer selects shipping method which determines the amount multiplier
Write your own	Any calculation can be supported
Other	UPS table lookup (on request), UPS real time (on request)
Product	The actual shipping cost is in the product record. By default the weight field is used
QuantityRange	Difference prices based on quantity purchased

16.2 Lookup

Simply add your shipping names and prices to the shipmethods table. The customer selects from the list. Fields that need to be set in shipmethods table:

shipmethodID	shipmethod	smprice
1	Express	\$4.00
2	Normal	\$2.00
3	Airmail	\$9.00
4	Download	\$0.00

16.3 Fixed

For this you need to change two lines to VP-ASP Configuration.

xfixedshippingmethod	Your shipping method
xFixedshippingcost	3.00

If you do not want the normal shipping methods form to display, set the following.

xshippingdatabaserecords	No
xshippingform	No will stop shipping form from being display Yes will display the shipping form but customer cannot select method since it is fixed.

16.4 Calculating by weight

Set the following value in VP-ASP Configuration.

xshippingcalc	Weight
----------------------	---------------

VP-ASP will calculate the shipping price automatically by reading the shipmethods table. You need to update this table to reflect your shipping methods and costs.

For example the following values:

shipmethodID	shipmethod	ShipBaseCost	ShipExtraCost
1	Express	\$2.00	\$2.00
2	Normal	\$3.95	\$1.00
3	Airmail	\$6.00	\$4.00
4	Download	0	0

ShipBaseCost is the amount that will be charged regardless of weight.

ShipExtraCost is multiplied by weight and quantity

The total is the sum of those amounts

If ShipBasecost is 0, then the base cost is SMPRICE

16.5 Calculating by Quantity

Set the following value in shop\$config.asp

xshippingcalc	Quantity
----------------------	----------

VP-ASP will calculate the shipping price automatically by reading the shipmethods table. You need to update this table to reflect your shipping methods and costs. For example the following values

shipmethod	ShipBaseCost	ShipExtraCost	ShipOther1	ShipOther2
Express	0	\$2.00	0	5

ShipBaseCost is the amount that will be charged regardless of quantity.

ShipExtraCost is multiplied by items

The total is the sum of those amounts

16.6 Calculating by QuantityRange

Set the following value in Shop Configuration.

xshippingcalc	QuantityRange
---------------	---------------

VP-ASP will calculate the shipping price automatically by reading the shipmethods table. You need to update this table to reflect your shipping methods and costs. For example the following values

shipmethod	ShipBaseCost	ShipExtraCost	ShipOther1	ShipOther2
Express	0	\$2.00	0	5
Express	5	\$4.00	5	10
Express	9	\$6.00	10	999

ShipBaseCost is the amount that will be charged regardless of quantity.

ShipExtraCost is multiplied by items

The total is the sum of those amounts

16.7 PriceRange

The total cost of the order is compared against a range set in the shipmethods table.

The price is whatever is in ShipBaseCost within that price range.

shipmethod	ShipBaseCost	ShipCost1	ShipCost2
Express	0	0	5
Express	5	5	10
Express	9	10	999

16.8 Weight Range

The total weight of the products is compared against a range set in the shipmethods table.

The price is whatever is in ShipBaseCost within that price range.

If there is an amount in ShipExtracost, it is added to the base cost using the following formula

Remainingweight=Totalweight-Loweight (shipother1)

extracost = RemainingWeight*ShipExtraCost

Total Shipping Cost = ShipBaseCost + ExtraCost

shipmethod	ShipBaseCost	ShipExtraCost	ShipOther1	ShipOther2
Express	0	\$2.00	0	5
Express	5	\$4.00	5	10
Express	9	\$6.00	10	999

16.9 Other Shipping Routines

VP-ASP supplies free add-ons for other shipping types. For those types specify "OTHER". The routines names that handle these special shipping types are defined in the shipmethods table field "shiproutine". Separate instructions come with these other shipping methods.

The others are available, as free add-ons, but do not form part of the official supported product. It is possible for example for UPS or FedEx to change their rules and we do not guarantee that VP-ASP will support these changes. Any or all of these extra add-ons may require that you register with the appropriate companies. Most of the real time interfaces require the Microsoft XML DLL to be installed. This is normally on most modern Windows servers but may not be on your server.

UPS Realtime

UPS by Database Lookup

Australia Post realtime

Canada Post realtime

Fedex database lookup

USPS Realtime lookup

16.10 UPS Shipping

Many customers have asked us about UPS shipping. We have developed two special UPS algorithms that are available free but are not included in the VP-ASP Distribution package. We do not guarantee in any way that these methods will meet your requirements. We provide the tables and the code ASIS.

16.11 UPS Real Time

UPS real time requires a DLL to be installed. Most web hosting will not allow DLLS (programs) to be installed so this may not be of use to you.

VP-ASP calculates the weight of the items, uses your zip code and sends a message to UPS. UPS returns with different costs and the customer can select the type of shipping based on the costs being displayed. The response normally only takes a few seconds. ShipRoutine=shopupsreal.asp.

16.12 UPSDB

UPSDB uses a separate database with UPS tables. These tables were supplied to us by one of our customers. We do not guarantee they are up to date nor can we update them.

One of these tables is a zone table which represents your local zip code. You will need to obtain your specific zone table from UPS themselves. Shiproutine=shopupsdb.asp

VP-ASP calculates the weight of the items, uses the zone table and the shipping zip code and looks up the various prices. The customer can select the type of shipping based on the costs being displayed.

16.12.1 Other Fields in Shipmethods Tables

There are other fields in the shipmethods table that you can use. VP-ASP does not use these fields. They are read in for you automatically by VP-ASP in shopshippcalc.asp but ignored.

16.13 FedEX database

FedEx database uses a separate database with FedEx supplied tables. These tables were downloaded from the FedEx site and are dependent on the zip code you are shipping from.

One of these tables is a zone table which represents your local zip code. You will need to obtain your specific zone table from FedEx. Shiproutine=shopfedexdb.asp

VP-ASP calculates the weight of the items, uses the zone table and the shipping zip code and looks up the various prices. The customer can select the type of shipping based on the costs being displayed.

16.13.1 Other Fields in Shipmethods Tables

There are other fields in the shipmethods table that you can use. VP-ASP does not use these fields. They are read in for you automatically by VP-ASP in shopshipping.asp but ignored.

17 Taxes

Tax handling is very country specific. VP-ASP has three built in tax calculations. If these are not suitable, you can modify `shoptax.asp` to match your exact requirements. The three built in tax calculations include:

- Tax by State/Province
- Tax by Country
- Tax by Product

17.1 Tax By State

Tax by state is controlled by two VP-ASP configuration options: `xtaxstatename`, `xtaxstaterates`

17.1.1 Sample for Texas

<code>xtaxstatename</code>	TX
<code>xtaxstaterates</code>	.075
<code>xincludestates</code>	Yes

The rate above is just an example.

It is important that the state drop down list be used to generate the correct state abbreviations.

17.1.2 Multiple States Example

<code>xtaxstatename</code>	NY,NJ,TX
<code>xtaxstaterates</code>	.075,.06,.085
<code>xincludestates</code>	Yes

The rates are purely an example. This says tax should be charged if the customer is in New York, New Jersey or Texas. The rate for New York is 7.5%, the rate for New Jersey is 6% and the rate for Texas is 8.5%.

17.2 Tax By Country

You can specify that customers from certain countries be taxed. With the settings below, only residents of the United Kingdom are charged a tax of 17.5%

<code>xtaxcountryname</code>	UK
<code>xtaxcountryrates</code>	.175
<code>xincludecountries</code>	Yes

The rate above is just an example.

It is important that the country drop down list be used to generate the correct state abbreviations.

`xincludecountries=Yes`

17.3 Tax By Product

To tax by product you must fill in the percent rate in the product record. There is no specific field for this so you need to select an unused field. Say you select `pother1`. In the VP-ASP Configuration set the following:

<code>xtaxperproduct</code>	<code>pother1</code>
-----------------------------	----------------------

VP-ASP will look at this field (pother1). If there is something in it, it will be multiplied by the product price to get a tax for that product. If the field is empty, the product is not taxed.

17.4 European VAT and Taxes

VP-ASP has basic validation for EU VAT numbers and can bypass VAT for companies that supply valid VAT number. Validation is done by shopvalidatevat.asp.

Virtual Programming makes no representation that this is the correct validation rules for EU VAT and customers use these facilities at their own risk.

xvatnumber	Yes tells VP-ASP to display a vat number on the customer form and validate it if entered.
xtaxEU	Yes tells VP-Asp to use the special EU tax logic built into shoptax.asp
xtaxerate	.175 EU tax rate
taxeuountries	UK,ES,IT,FR,DE,NL,DK,GR,EN,PT,FI,SE,IE,LU,BE
xvatcountry	UK

17.4.1 EU Tax Logic

If Taxeu is Yes, then if the country is one of the European countries (taxeuountries) then the taxrate (taxerate) is multiplied against the product cost. The exception to this is if a valid VAT number was entered on the customer form. The country identified as xvatcountry is always taxed even if a valid VAT number is entered.

17.5 Tax Included with Price

If your products already include the tax and simply want the tax to be a display field, then set

xtaxincludedinprice	Yes
----------------------------	-----

17.6 Handling Fees

Handling fees are optional. The configuration option can be used to set a fixed handling fee if required.

xhandlingprice	2.50
-----------------------	------

If more complicated logic is required, then edit file **shophandling.asp** and add your own handling fee calculation.

17.7 Excluding Products from Tax

Specific products can be excluded from taxes. Use the Shop Configuration Option. This is list of catalogids that are excluded. The example below shows how to exclude gift certificates.

xtaxexcludeproducts	99999
----------------------------	-------

18 Discounts

VP-ASP supports the following types of discounts.

1. An **overall discount** to the entire order based on the products ordered. This discount is based on a specific customer. The rate is set in the customer table in the discount field. It can also be calculated another way by adding code to file shopdiscount.asp.
2. **Quantity discount** for specific products where the price can be altered depending on the quantity the customer buys. The quantity ranges and prices are set in the quantityprices table and calculated in file.
3. **Customer Specific Pricing** regardless of quantity. Use the table customerprices able or special fields in the products table.
4. **Quantity based discounts** where a number of different products are combined to determine whether quantity based discounts should apply.
5. **Price Range Discount** -If the customers buys over a certain amount a discount is applied automatically
6. **Discount Coupons** - These are described in the VP-ASP Option Package Guide
7. **Gift Certificates** - These are described in the VP-ASP Option Package Guide

18.1 Overall Customer Discounts

To just provide a customer with an overall discount, simply put a discount value in the customer record in the field **discount**. When the customer shops again and logs in, the discount is applied automatically. It only appears when the customer confirms the order in shopcreateorder.asp.

18.2 Quantity Processing

To use quantity pricing set the following value in VP-ASP Configuration. This feature adds additional overhead. VP-ASP needs to check the database every time the quantity for an item is changed to recalculate the price.

xquantityprices	Yes tells VP-ASP to use quantity based pricing
------------------------	--

Each time the customer alters the quantity of a product, shopuserprice.asp is called. It looks up the product by catalogid or category. If it finds a record in the “**quantitydiscounts**” table it alters the prices based on the ranges set in that table.

VP-ASP will not group products to apply a discount. If you want different products to be treated as group you must also set the following.

xproductgroupdiscount	Yes tells VP-ASP to group products. Products are grouped using a field in the products table groupfordiscount.
------------------------------	--

18.2.1 QuantityDiscounts Table

You can specify in this table the following fields in the quantity

categoryid	Discount should apply to products in this category
catalogid	Discount should apply to this specific product
minquantity	The minimum quantity before the discount should apply
quantity1	The upper level of the quantity. For example if a discount is to be applied for purchases over 5 to 10 items set minquantity 5 and 10 in this field
discount1	The amount of discount. If it is less than 1 such as .10 it is treated as a percent and if greater than 1 it is treated as an actual discount amount
quantity2 and discount2...	These are the next ranges. The quantity must be higher that the previous quantity. You must set the last quantity to a high number such as 99999
groupfordiscount	Will group products before calculating the discount. This allows you to apply a discount across a range of products. This field must match the same field in the products table

18.3 Price Range Discount

This is set-up using VP-ASP Configuration

xdiscountlimit	100,500,1000
xdiscountamount	.10,.20,.30

In the above example if a person buys over \$100, they get a 10 percent discount. Over \$500 they get a 20% discount and over 1000, they get a 30% discount.

Xdiscountlimit are the ranges for which the discounts apply and **xdiscountamount** are the percentages. For European countries where a comma is used as a decimal point, separate the amounts with a semicolon (;).

The calculation is done automatically by file shopdiscount.asp.

18.4 Files used for Discounting

Shopdiscount.asp is used to calculate a discount for a customer. Discount calculations are done by default when a customer logs in and the discount has a non zero value for that customer. The discount field is in the customer record.

Shopuserprice.asp is used to calculate discounts based on the quantity ordered.

Shopcustomerprices.asp is used to alter the price based on a specific customer.

Shopuserprice.asp is used to alter the prices based on the quantity purchased but can also be used to alter the prices based on any other criteria you choose.

19 Customer based pricing

VP-ASP allows you to provide discounts to customers in numerous ways. There are two different ways to do customer based pricing;

1. The first involves using different prices in the products table. With this method you define different types of customers and each sees only the price field in the products table defined for that customer.
2. The second method uses a table called customerprices. The customer will then only see these prices and not the prices normally defined for the products. Customer based prices will add additional overhead. Each time a product is displayed, the customerprices table must be read to determine if the customer should see a special price for this product.

19.1 Customer Pricing based on products record

Specifying different price fields in the products table can now also do customer pricing. Customers can be separated into types such as retail, wholesale; distributor and each can "see" a different price for the same product. The prices are stored in the product record and not dynamically looked up in the customer prices table.

What do you have to do?

1. Tell VP-ASP what types of customers you have
2. Tell VP-ASP where to find their prices
3. For each customer you want a special price for, put their customer type in their customer record

For example

Price level (a)	Price level (b)	Price level (c)
100	95.00	60.00

Price level is set by customer type a-b-c

19.1.1 Shop Configuration Values

The following Shop Configuration values control this enhanced customer pricing

xcustomerprices	Yes Turns on customer based products
xcustomerpriceidentifier	contactypeid The field in the customer record used to distinguish different customers. contactypeid is the default. You can use any field in the customers record to hold the information that tells VP-ASP the type of customer this is
xcustomerpricetypes	1,2,3 If you use a text field instead of contactypeid (which is a number) the different types can be text such as: a,b,c or Wholesale,Distributor,Friend
xcustomerpricefields	cprice,pother5,price3 Fields where prices are entered in the products table. These are the fields in the products table where the prices can be found

19.2 How Customer pricing works

First you must turn on customer based pricing by setting in Shop Configuration.

xcustomerprices	Yes
------------------------	-----

Next you must tell VP-ASP which field in the customers table identifies specific customer types. By default VP-ASP will use the normally unused field contacttypeid which is a numeric field but you can use any other field such as custother1 or any field that you add to the customers table.

xcustomerpriceidentifier	contacttypeid or custother1 The field to use in the customer table to identify the customer
---------------------------------	--

Next Tell VP-ASP the types of customers you have. Say you have three types. Retail, wholesale and distributor and they see three different prices. You want retail customers to see the normal price (cprice) but you want wholesalers to see another price and distributors to see a third price. You decide to use custother1 to tell VP-ASP which customers are which.

You do not have to do anything for retail customers. For the others you create an entry in the Shop Configuration. Any keywords will do as long as they match the value you put for the customer in the custother1 field above.

xcustomerpricetypes	Wholesale,Distributor
----------------------------	-----------------------

The last thing is to tell VP-ASP which field in the product's table to find the prices. You want the wholesale price to be in pother1 and the distributor price to be in pother2. Again any fields can be used. The order is important. The first field is used for the first name in the **xcustomerpricetypes**.

xcustomerpricefields	pother5,pother2
-----------------------------	-----------------

19.3 How prices are determined

Normal retail customers will have no value in the field custother1 (xcustomerpriceidentifier) and therefore will see the normal retail price.

Wholesale and Distributors would login before they shop and VP-ASP will save their customer type. When a product is displayed a lookup is done to determine which field in the products table to use as their price by matching the customer type with values in **customerpricetypes**. and determine which fields to use **xcustomerpricefields**.

19.4 Customer Based Pricing using Customer Prices Table

In VP-ASP Configuration, the following value must be set:

xcustomerprices	Yes tells VP-ASP to use customer prices table
------------------------	---

19.5 Updating the CustomerPrices Table

The **customerprices** table consists of just a few fields.

customerid	The customer number from the customers table
categoryid	Discount should apply to products in this category
catalogid	Discount should apply to this specific product
discountpercent	The discount percentage. This will be multiplied by the product price to determine the customer's price
discountamount	Actual amount deducted from the product price

19.5.1 How Customer Pricing Works

If the customer has logged in then each time a product record is read from the database, a check is made in the "CustomerPrices" table. If found, the price from the products table is adjusted.

19.5.2 General Discount

If both **categoryid** and **catalogid** are set to 0 it is possible to provide a discount for the customer for all products not matched otherwise.

20 Processing Products

If you are planning major extensions to VP-ASP you may need to go through the products being ordered. The logic is shown below.

```
Dim productname,productcode,productname quantity, price, cartarray, cartcount
Dim i
cartcount = Getsess("cartcount")
cartarray = Getsess("cartarray")
For i = 1 to cartcount
    productid=cartarray(cProductid,i)
    productcode=cartarray(cProductCode,i)
    productname= cartarray(cProductname,i)
    quantity=cartarray(cQuantity,i)
    Price=cartarray(cUnitPrice, i)
    '    debugwrite "catalogid=" & Productid & " Price=" & Price
Next
```

21 International Support

VP-ASP Shopping cart can be used in most world languages. Most (but not 100%) of English words are in two files:

```
shop$language_english.asp
shop$language2_english.asp
```

By translating these files into Spanish, German, Danish, French etc, you can convert VP-ASP Shopping Cart into a cart suitable for your country.

21.1 *Shop\$language_english.asp*

The files consist of data names on the left and English on the right. The datanames CANNOT be changed. The data names all start with Lang so that they can easily be located within the code if necessary.

```
LangCommonPage="Page "
LangCommonOf=" of "
LangCommonOn=" on "
LangCommonYes=" Yes "
LangCommonNo=" No "
LangCommonHome=" Home "
LangCommonCategories=" Categories "
LangCommonViewCart=" View Cart "
```

If you translated our language files, you may like to return them back to us. We will then create a free language add-on facility for other customers.

21.2 *Creating a new language Translation.*

The example below is replacing the English language files with Spanish Language files. The files may be translated your self or downloaded from our site.

21.2.1 *Translation or download*

Either translate the English files or download the translated files from the VP-ASP site

- Copy shop\$language_english.asp and call it shop\$language_spanish.asp
- Copy shop\$language2_english.asp and call it shop\$language2_spanish.asp
- Translate the two files

21.2.2 *After Translation or Download*

- Edit Shop\$language.asp and change the very last line
<!-- #include file="shop\$language_english.asp" -->
to
<!-- #include file="shop\$language_spanish.asp" -->
- Edit Shop\$language2.asp and change the very last line
<!-- #include file="shop\$language2_english.asp" -->
to
<!-- #include file="shop\$language2_spanish.asp" -->

21.3 *Language Switching*

If you want to switch between languages dynamically, the VP-ASP Option Package is required.

21.4 Local Currency

VP-ASP can display local currency. This is normally determined by where the web host is located and what their default setting is. To change to a different local currency, locate the following statement VP-ASP Configuration.

xlcid	4108
--------------	------

Or you can simply set your own currency symbol.

xcurrencysymbol	xxxx	your own currency symbol
------------------------	------	--------------------------

Your local currency should now display.

21.5 Dual Currency Display

VP-ASP can display both the local currency and any other currency. VP-ASP dynamically calculates the second currency using a conversion rate you supply. You can alter the way the conversion is done by changing the logic in `shopconvertcurrency.asp`

xdualprice	Yes tells VP-ASP to display dual prices
xdualconversionrate	.800 the number to be multiplied by the price to obtain the dual price

21.5.1 Language Changes

In `shop$language.asp` edit the captions for dual pricing

```
const LangDualPrice=" Euro Price "
```

```
const LangDualTotal=" Euro Total "
```

21.6 Currency Conversion

Currency conversion is done by `shopconvertcurrency.asp` The current logic

```
<%  
Sub ConvertCurrency (iamount, oamount)  
' Convert currency  
if xdualconversionrate<>"" then  
    oamount=iamount*xdualconversionrate  
else  
    oamount=iamount  
end if  
end sub  
>%
```

This number is multiplied by the real price to obtain the dual price. To alter the conversion you would need to edit `shopconvertcurrency.asp`.

21.7 LCID Language LCID Language

The Shop Configuration value , **xlcid**, determines such factors as date format, currency symbol and currency format. LCIDS are supplied by Microsoft and not all may be available on all Window's systems.

1078 Afrikaans 1052 Albanian
5121 Arabic(Algeria) 15361 Arabic(Bahrain)
3073 Arabic(Egypt) 2049 Arabic(Iraq)
11265 Arabic(Jordan) 13313 Arabic(Kuwait)
12289 Arabic(Lebanon) 4097 Arabic(Libya)
6145 Arabic(Morocco) 8193 Arabic(Oman)
16385 Arabic(Qatar) 1025 Arabic(Saudi Arabia)
10241 Arabic(Syria) 7169 Arabic(Tunisia)
14337 Arabic(U.A.E.) 9217 Arabic(Yemen)
1069 Basque 1059 Belarusian
1026 Bulgarian 1027 Catalan
3076 Chinese(Hong Kong) 2052 Chinese(PCR)
4100 Chinese(Singapore) 1028 Chinese(Taiwan)
1050 Croatian 1029 Czech
1030 Danish 2067 Dutch(Belgian)
1043 Dutch(Standard) 9 English
3081 English(Australian) 10249 English(Belize)
2057 English(British) 4105 English(Canadian)
9225 English(Caribbean) 6153 English(Ireland)
8201 English(Jamaica) 5129 English(New Zealand)
7177 English(South Africa) 11273 English(Trinidad)
1033 English(United States) 1061 Estonian
1080 Faeroese 1065 Farsi
1035 Finnish 2060 French(Belgian)
3084 French(Canadian) 5132 French(Luxembourg)
1036 French(Standard) 4108 French(Swiss)
2108 Gaelic(Irish) 1084 Gaelic(Scots)
3079 German(Austrian) 5127 German(Liechtenstein)
4103 German(Luxembourg) 1031 German(Standard)
2055 German(Swiss) 1032 Greek
1037 Hebrew 1081 Hindi
1038 Hungarian 1039 Icelandic
1057 Indonesian 1040 Italian(Standard)
2064 Italian(Swiss) 1041 Japanese
1042 Korean 2066 Korean(Johab)
1062 Latvian 1063 Lithuanian
1071 Macedonian 1086 Malaysian
1082 Maltese 1044 Norwegian(Bokmal)
2068 Norwegian(Nynorsk) 1045 Polish
1046 Portuguese(Brazilian) 2070 Portuguese(Standard)
1047 Rhaeto-Romanic 1048 Romanian
2072 Romanian(Moldavia) 1049 Russian
2073 Russian(Moldavia) 1083 Sami(Lappish)
3098 Serbian(Cyrillic) 2074 Serbian(Latin)
1051 Slovak 1060 Slovenian
1070 Sorbian 11274 Spanish(Argentina)
16394 Spanish(Bolivia) 13322 Spanish(Chile)
9226 Spanish(Colombia) 5130 Spanish(Costa Rica)
7178 Spanish(Dominican Republic) 12298 Spanish(Ecuador)
17418 Spanish(El Salvador) 4106 Spanish(Guatemala)
18442 Spanish(Honduras) 2058 Spanish(Mexican)
19466 Spanish(Nicaragua) 6154 Spanish(Panama)
15370 Spanish(Paraguay) 10250 Spanish(Peru)
20490 Spanish(Puerto Rico) 3082 Spanish(Spain - Modern Sort)
1034 Spanish(Spain - Traditional Sort) 14346 Spanish(Uruguay)
8202 Spanish(Venezuela) 1072 Sutu
1053 Swedish 2077 Swedish(Finland)

1054 Thai 1073 Tsonga
1074 Tswana 1055 Turkish
1058 Ukrainian 1056 Urdu
1075 Venda 1066 Vietnamese
1076 Xhosa 1085 Yiddish
1077 Zulu 2048 default

22 Stock Control

VP-ASP has a number of facilities related to stock control.

- Products can be hidden
- Out of Stock Message can be displayed
- VP-ASP can limit quantity ordered to the amount in stock
- Decrement the stock level at the end of the order
- Stock Reports

22.1 Stock level - Decrementing

VP-ASP can decrement the stock level at the end of the order.

xstockcontrol	Yes tells VP-ASP adjusts stock at end of order
----------------------	--

22.2 Stock – Hiding Products

To not display products under a certain stock level, set the following.

Xstocklow	1
------------------	---

Only products with a stock level greater than one will be displayed.

22.3 Stock – Out of Stock Message

To display an out of stock message, set the following in shop\$config.asp

xoutofstocklimit	5
-------------------------	---

If the stock is 5 or less, then a message will be displayed.

22.4 Stock – Limiting amount ordered

To limit the amount order to no more than the level in stock, set the following.

xcheckstocklevel	Yes limits amount ordered to current stock level
-------------------------	--

VP-ASP will display warning messages and/or reset the quantity to the stock level.

22.5 Restrictions on Stock Control

VP-ASP cannot stop two separate customers ordering the same item. VP-ASP has no way of locking out one customer. The stock level is decremented only at the completion of the order.

23 Limitations

There are a number of limits in VP-ASP. The following can be altered in Shop Configuration.

xmaxCartItems = 20	Maximum items in the shopping cart
xMaxCategories=100	Maximum number of categories
xMaxSubCategories=100	Maximum number of subcategories
xMaxSavedCarts=100	Maximum number of saved carts
xMaxFeatures=4	Maximum number of features per product

24 Compatibility with previous releases

This section is only important if you are upgrading from a previous VP-ASP release. The major changes are described. The changes involve these areas:

1. Configuration values are now application variables and not in shop\$config
2. Categories/subcategories have changed
3. Cart Array details have changed
4. Supplier userid and password

24.1 Configuration Values

This change will only affect you, if you have written your own ASP code to look at configuration options that were previously in shop\$config.asp, or shop\$colors.asp.

If you were previously referring to a VP-ASP configuration option that was in shop\$config.asp in previous release the code would look like this:

```
abc=xlcid
```

in this release it is codes like this

```
abc=getconfig("xlcid")
```

24.1.1 Your own configuration values

If you had created your own configuration values, you can simply add them to shop\$config.asp and not change any code.

24.2 Categories and Sub Categories

This is a major area of difference.

- Five tables have been removed from VP-ASP 4.0: subcategories, subcatlevel3, subcatlevel4, subcatlevel5, prodsubcategories. Categories are now handled by two tables: categories and prodcategories.
- In previous releases of VP-ASP, products could be in one category or in multiple categories. This was configurable. In this release they can automatically be in multiple categories and configuration is not necessary.
- In previous releases, subcategories were in their own table: subcategories. In this release subcategories are in the categories table. What makes them a subcategory is that they have a value in the highersubcategory field with a value not 0.
- In previous releases, sub sub categories were in tables subcatlevel3, subcatlevel4, subcatlevel 5. In this releases a sub sub category is in the categories table with a value in the highersubcategory field.

24.3 Effect of Category Changes

Do not worry. We are not forcing you to change. You have the following choices:

1. Do not do anything. VP-ASP 4.0 will continue to work the same way as it did before if you simply upgrade your database following our upgrade instructions.
2. Convert over to the VP-ASP 4.0 method. A set of tools is supplied to help you convert to the new VP-ASP 4.0 method. For some, these tools will do everything and for others there will need to be some extra effort to complete the conversion.

24.3.1 Doing Nothing

There is a special VP-ASP configuration option. If this is set VP-ASP will use your current method of maintaining products and categories.

<code>xoldcategorymode</code>	Yes
-------------------------------	-----

24.4 Category Conversion Tools

These tools are only needed if you want to convert over to the VP-ASP 4.0 method of putting all categories into one table, the categories table. The steps will depend on how you are using categories now.

24.4.1 Converting products and categories to the new format

Run the following conversion tool from your browser.

`www.yoursite.com/convertcategories.asp`

This will add records to the prodcategories table

The conversion is now done.

24.4.2 What conversion utility does

The convertcategories.asp does the following:

- Copies all subcategories to the categories table and gives them new category numbers
- Copy all entries in subcatlevel3, subcatlevel4 and subcatlevel5 to the categories table and gives them new category numbers
- For each product it makes sure that the category and subcategory it is defined for has an entry in the prodcategories table.
- For each sub sub category, it adds that subcategory number to the prodcategories table

Once the conversion is done the subcategories table, subcatlevelx tables are no longer used.

24.5 Update VP-ASP Configuration

After the conversion, alter the configuration option and reload the configuration.

<code>xoldcategorymode</code>	No
-------------------------------	----

Now Version 4.0 category mode will be used.

24.6 Other changes with categories

In older versions of VP-ASP, if you added a hyperlink in your site to display products in a particular subcategory, you did the following:

```
<a href="shopdisplayproducts.asp?id=2&subcat=3cat=my+subcategory">Products in subcategory 3</a>
```

With Version 4.0 it would be:

To display products for a subcategory the following hyperlink can be used

```
<a href="shopdisplayproducts.asp?id=44&cat=my+subcategory">Products in subcategory 44</a>
```

24.7 Supplier Userid and Password Fields

If you use the supplier table, the field userid and password should be changed to **supplieruserid** and **supplierpassword**. You will need to do this manually using Microsoft Access.

25 Data Entry

The normal VP-ASP data entry is through the VP-ASP administration. This allows full add, update, delete facilities using a browser based facility. The alternatives to using this are the following:

1. Use the VP-ASP Administration interface. This is the preferred method
2. Use VP-ASP import facility. This is part of the VP-ASP Option Package. It allows you to maintain your database offline and then to create a file that can add/update products on your running shop. see the VP-ASP Option Package Design Guide for details
3. You may prefer your own method of data entry such as using Microsoft Access. The information below will give you some hints on doing this.

25.1 Using Microsoft Access to Update Products

To use Microsoft Access to do product data entry, you must be aware on how VP-ASP handles categories. VP-ASP uses two tables to display products. Products table and the prodcategories table. The prodcategories table tells VP-ASP which categories a product falls into. Since a product can be in any number of categories or subcategories.

When you are doing data entry for products using Access, the prodcategories table is not updated. We supply a utility called convertproducts.asp. This will update the prodcategories table based on two fields of the products table. ccategory (categoryid) and subcategory. It does not support products in more than one category or one subcategory. You must run convertproducts.asp on your running VP-ASP system after updating the products table using Access.

25.2 Simple Category Mode

If you have no need to have products in multiple categories at all and you simply want a product to be in at most one category and at most one subcategory, you can tell VP-ASP to totally ignore the prodcategories table.

<code>xproductsimplecategories</code>	Yes Do not use the prodcategories table
---------------------------------------	---

26 Security

We recommend you read this section carefully. It will help prevent hackers from stealing sensitive data.

26.1 Passwords and Userids

The supplied userids and passwords should be changed to avoid other VP-ASP users from accessing your database. Use Microsoft Access to alter the userids and passwords in tblUser or use the User Menu option with userid admin to change the passwords and add your own userids and delete the supplied userids.

26.2 Database

If you are holding secure information in the database such as credit card information, make sure your database is not accessible to a web browser. Most Web Hosting companies will make a directory available to you to hold your database and this directory will be accessible from the VP-ASP Active Server Pages but not by general browsing of your site.

If the database is in the same directory as the rest of VP-ASP files any hacker can steal it.

Please move the database to a directory not viewable from the web

After you move the database follow the instructions in the previous page to update the xdblocation field in shop\$config.asp

26.3 Assigning Tables to Users

Users can be assigned userids and passwords through the administration system. They can also be assigned menu options (a list of tasks they can perform) and tables which they display/edit. This is not a foolproof system but it provides a measure of protection.

One user may be able to update product details, while another may be able to view orders.

26.4 Administration pages

You can hide the name of the VP-ASP administration page. Hackers will not be able to even locate the VP-ASP administration page. Change these values in the configuration.

```
xAdminPage="youradminpagename.asp"  
xShowAdmin="No"
```

26.5 Credit cards

The best security for credit cards is not to keep them on your site at all. If you are using an electronic gateway they may only be stored on the bank's computers. Not all gateways work like this and you may have the credit cards in the local database even if you are using a gateway.

If you are storing credit cards, then we recommend using VP-ASP encryption. In VP-ASP configuration setup set:

```
xEncryptCreditCard="Yes"
```

In addition we recommend removing the credit card details from the database after you process the order, by editing the order.

26.6 Removing Extra Files

The following files should normally be removed from your production environment.

Convert...	all files starting with convert
shopa_sessionlist.asp	Lists Session variables.
shopdbtest.asp	Tests database and mail.

If you have problems and report them to VP-ASP Support Group we may ask that you restore shopa_sessionlist.asp and shopdbtest.asp so that we can diagnose your problems quickly.

26.7 Encryption

By default the encryption key is kept in the configuration file within the database. For added security you can move the encryption key directly into file shophash.asp. So if someone steals the database, they will not also have the encryption key used for credit card. To do this, edit shophash.asp and change this line:

```
const xencryptkey="" ' put here for more security
```

To your encryption key

```
const xencryptkey="xxxxxxxxxxxx" ' put here for more security
```

and empty the encryption key in the shop configuration.

26.8 Database

This is a summary of the database fields and tables in shopping.mdb

Tables	Description
affiliates	Affiliate details (requires VP-ASP option package)
categories	Holds all the categories of products
coupons	Discount Coupons
configuration	VP-ASP Configuration
customerprices	Customer based pricing table
customers	Each time a customer orders a product(s) a record is stored in the database. Even if the customer cancels the order, the customer information is not deleted
gifts	Gift Certificates
mycompany	Describes details about the merchant. Used to print merchant details on printed orders
oitems	One row for each item ordered. If multiple products are ordered in a single transaction, there are multiple rows in the database.
orders	The order information is stored here
prodcategories	Lists all categories for a specific product. Used only if the products in multiple categories is used
prodfeatures	Product Features such as color, size or any other attribute
products	The products in the database
projects	Non product services
quantitydiscounts	Quantity discount table
registrant	Gift registry customer details
registryitems	Gift registry items
searchresults	Search term recording
shipmethods	Different shipping methods and prices
suppliers	Supplier details
tblaccess	Access rights for users
tbllog	User login to admin system
tbluser	Userids and passwords

26.9 Products

Holds the individual products.

catalogid	unique id
ccode	Product Code
cname	Product Name - required
cdescription	Description- required
cprice	Price - required
features	An array of numbers such as 1,2,3 meaning features with featurenum 1,2 etc
cimageurl	Image for the product. Will be displayed in shopdisplayproducts
cdateavailable	Date available - unused
cstock	Stock level
ccategory	Category Number - required. Determines which category a product is in
category	Category Name – no longer used
mfg	Manufacturer – unused
cdescurl	URL of extended description page. VP-ASP generates hyperlink to this page automatically Only used in shopdisplayproducts
weight	Weight
buttonimage	The name of a gif or jpg file that replaces the standard order button in shopdisplayproducts. mypic.gif
subcategoryid	The number representing the subcategory to which this product belongs
retailprice	Displays under Price in italics
specialoffer	A text field that is bolded under descriptions and products are sorted so special offers appear at the top of the products listing
allowusertext	A caption is entered in this field. This allows the buyer to enter up to 255 characters of information when ordering the product. Obsolete. This is now controlled by ProdFeatures FeatureType. Obsolete and replaced by Usertext feature.
pother1	Unused
pother2	Unused
pother3	Unused
pother4	Unused
pother5	Unused
userid	The user who entered the product
keywords	A list of keywords used in searching in the form abc, def
template	If VP-ASP generates the extended description page, this HTML template to be used. If not specified the default template in shop\$config is used
extendedimage	If VP-ASP generates the extended description this is larger image of the product that is displayed instead of the thumbnail
extendeddescription	If VP-ASP generates the extended description page this is the long description of the product. It can have imbedded HTML controls
selectlist	Used to generate a unique selection dropdown list. In the form: big,small,x-large
level3	Unused in VP-ASP 4.0 Sub Sub categories that this product belongs Single name or list of names

	Cheese, International
level4	Unused in VP-ASP 4.0 Sub Sub Categories that this product belongs
level5	Unused in VP-ASP 4.0 Sub Sub categories
supplierid	Number of the supplier in the suppliers table
crossselling	A list of catalogids to be displayed when this product is displayed. The format is a list. 27,55,990
hide	If set to TRUE, product is not displayed
productmatch	Used to match products with different VP-ASP directories
customermatch	Used to match customers with products they can "see"
orderattachment	File name with complete drive address to be added to customer confirmation e-mail
orderdownload	File name or URL of file to be generated at completion of the order
points	Number of pints for this product
pointstobuy	Unused. For future points redeeming
price2	Unused
price3	Unused

26.10 Customers

Most of the fields are self explanatory.

contactid	Unique Id
firstname	
lastname	
address	
city	
state	
postcode	
country	
company	
phone	
workphone	Unused
mobilephone	Unused
fax	Unused
email	Required
contacttypeid	Used for customer based pricing. A number that represent the customer type
comments	Unused
contactreason	Filled in when customer registered via mailing list
logincount	Updated each time the user uses the shoplogin script.
lastlogindate	Last date user logged in to buy something
website	Customer web site
password	Password for the user
discount	The discount to be applied to customer. If less than 0 it is a percent, if > 0 it is a dollar amount.
custother1	Unused
accountno	Unused
cardno	Unused
cardexpires	Unused
cardname	Unused
cardaddress	Unused
cardcvn	Unused
maillist	TRUE/False whether customer wants to be on mailing list
productgroup	Used to match customers to specific products
cookiequestion	Yes/No. Does customer want info saved as a cookie
pointstotal	Total points accumulated
pointsremaining	Number of points remaining
vatnumber	VAT number

26.11 Orders

Most of the fields are self explanatory. Many are taken directly from the customer table and repeated here.

orderid	Unique Id
ocustomerid	Index back to Customer record
odate	Order Date
orderamount	Total Price
ofirstname	
olasttname	
oemail	
oaddress	
ocity	
opostcode	
ostate	
ocountry	
ophone	
ofax	
ocompany	
ocardtype	Credit Card type
ocardno	Card Number
ocardname	Name on Credit Card
ocardexpires	Expiry date in form mm/yy
ocardaddress	Credit Card Address
oprocessed yes/no	0 = unprocessed, 1=processed
ocomment	User order special instructions
otax	Tax
opromisedshipdate date	Unused
oshippeddate date	Unused
oshipmethod	Unused
oshipcost	Shipping cost
oshipname	Shop to name
oshipcompany	
oshipemail	
oshipmethodtype	Shipping method in words
oshipaddress	
oshiptown	
oshipzip	
oshipstate	
oshipcountry	
opaymethod	Unused
other1	Unused
other2	Unused
otime	Time of order
oauthorization	Authorization code for credit card banking systems
oerrors	Any table add errors are placed here. New 2.40
odiscount	The actual discount amount given to the customer
ostatus	Status of the order. This needs to be manually completed by the merchant.
oaffid	The unique affiliate number associated with this order
odualtotal	Dual Price total
odualtaxes	Dual Price taxes
odualshipping	Dual price shipping cost
odualdiscount	Dual price discount
ohandling	Handling Price
odualhandling	Dual Handling Price
coupon	Text name of coupon used for purchase
coupondiscount	Amount of discount

coupondiscountdual	Dual Discount Coupon amount
giftcertificate	Gift Certificate used
giftamountused	Amount of Gift certificate
giftamountuseddual	Dual currency amount used
canceled	Set to True if order was canceled.
opaddress	IP address of site from which the order was made
hackeryesno	Yes/No whether this person is a hacker. Not set automatically
customercancel	Unused.
points	Points for this order
vatnumber	VAT number used
commission	Affiliate commission

26.12 Oitems

Each order consists of one or more products.

orderid	Unique id
catalogid	The index representing the specific order=OrderId
numitems	The index representing the specific product catalogid
itemname	Quantity
unitprice	The Product Name. The name may include product options.
dualprice	The Unit Price.
supplierid	The dual price for this item
address	Number of supplier in suppliers table
	Delivery address. Fields are delimited by semicolons

26.13 Categories

The products database must have at least one category. These are displayed by shopdisplaycategories.asp.

categoryid	unique id
catdescription	Description
catextra	Unused expansion field
hassubcategory	If not null, then subcategories will be displayed for this category
catimage	Image to display for this category
highercategoryid	0 if highest category. Otherwise the categoryid of the higher category
cathide	Any value means hide this category
catmemo	Text to displayed when category is displayed
productmatch	Used to display products depending on site
customermatch	Used to display products based on customer login

26.14 ShipMethods

Shipping methods which are displayed during shopshipping form. Various different fields are used depending on the selected shipping method.

shipmethodid	Unique ID
shipmethod	Description of Method
smprice	Price. Used if next two values are not set and displayed in shopshipping.asp
shipbasecost	Minimum cost for this shipping method
shipextracost	Used in weight and quantity calculations
shipother1	Text field unused by VP-ASP
shipother2	Text field unused by VP-ASP
shipcost1	CurrencyField
shipcost2	Currency Field
shiproutine	File name to be used for special shipping routines

26.15 ProdFeatures

Products may or may not have features such as color or size. These are defined in this table.

id	Unique Id
featurenum	Feature Group Number
featurecaption	Feature Group caption that is displayed above drop down list
featurename	The feature name displayed in drop down list
featureprice	Feature price or null or 0
featureother	Unused expansion field
featuretype	If empty default to dropdown Values can be: dropdown radio checkbox usertext selectlist userprice
featuremulti	If empty only 1 feature can be selected if the word Yes or anything else, multiple features can be selected
featurerequired	True/False whether feature is required
featureother1	unused

26.16 *tblAccess*

The Administrative userids have access to various menus. These are described here.

fldauto	Unique id
fldname	The name displayed on the menu
fldurl	The actual URL of htm or asp file to execute
fldcomment	Displayed by shopadmin.asp on right hand side of menu. New 2.40

26.17 *tblUser*

The userids and passwords allowed to use the administrative system are here. VP-ASP comes with two userids defined:

Admin Has access to all functions
VPASP Has access mainly to shop order functions

The password is the same as the userid.

fldauto	Unique Id
fldusername	Userid
fldpassword	Password
fldaccess	A list of numbers 1,2,3 relating to tblAccess fldAuto.
flddatabase	Unused
tablesallowed	A string of table names that the user is allowed to view and edit. Customers,Orders,tblUser
admintype	Two types are supported. SUPER and Restricted
uploaddirectory	Unused
adminother1	Unused

26.18 *tblLog*

Each time an administrator does a login into the shopping administration, it is logged here.

fldauto	Unique id
fldusername	Userid
fldtime	Time of login
flddate	Date of Login
fldinout	Values are In for Login
fldipaddress	IP address of administrator login

26.19 *Coupons*

Coupons can be used to give a discount for all or selected products. Coupons work only with the VP-ASP Option Package

couponid	Unique id
couponname	
couponpercent	The percent discount. For example .10 for 10%
couponamount	Actual amount in dollars
couponexpires	Date of expiration
couponlimit	Number of times coupon can be used
couponcomment	Unused
couponother	Unused
couponcategories	Optional. List of category numbers to which coupon

	applies 1,7,3
couponproducts	Optional. List of product catalogids to which discount applies 23,77,66
couponusedcount	Updated by VP-ASP each time a coupon is used
couponuseddate	Last date coupon was used

26.20 Prodcategories

Used only if products are allowed to be in multiple categories. It relates the products to the categories they are in.

id	Unique id
intcategoryid	Category number
intcatalogid	product catalog id

26.21 Order Tracking

trackid	Unique id
orderid	Order number
trackcomment	Comment/message
trackdate	date
tracktime	time
trackname	Person making comment
trackview	Allow customer to view yes/no
trackother	Unused
trackemail	E-mail of person making comment

26.22 Suppliers

supplierid	Unique id
name	Supplier name
supplieruserid	userid
firstname	
lastname	
address	
city	
state	
postcode	
country	
company	
phone	
workphone	
mobilephone	
fax	
email	
comments	
logincount	
lastlogindate	
website	
supplierpassword	Password
accountno	Unused by VP-ASP
template	Template for mailing
commissionrate	
other1	Unused by VP-ASP

26.23 Projects

pid	Unique id
pdate	Date entered
description	Short description of service
customer	Customer name
customeremail	Customer e-mail
price	Price to be charged
dualprice	Dual price if used
paid	Set to Yes if paid if using automatic project updating
datepaid	Set to order date if using automatic project updating
processed	determines if automatically displayed on projects report
orderid	order number associated with payment. Updated with order number if using automatic project updating
canceled	Unused
comments	Unused
other1	Unused
other2	Unused
other3	Unused

27 Files

default.htm	Sample Shop Start
global.asa	Required by Microsoft
readme.txt	
shop\$colors.asp	Fonts and tables
shop\$config.asp	Shop configuration
shop\$db.asp	Shop common subroutines
shop\$language.asp	Language definition
shop\$language_english.asp	English
shop\$language2.asp	Administration definition
shop\$language2_english.asp	English
shopa_addgeneral.asp	Add to a table
shopa_addproduct.asp	Add a product
shopa_addsubcategory.asp	Add a sub category
shopa_addsubsubcategory.asp	Add a sub sub category
shopa_affaccounts.asp	Affiliate account reports
shopa_affdisplayorders.asp	Affiliate order display
shopa_afformataffiliate.asp	Affiliate format
shopa_affreports.asp	Affiliate Report control
shopa_deletesetup.asp	Setup for table record delete
shopa_displayorders.asp	Display current orders
shopa_editdisplay.asp	List records in any table
shopa_editrecord.asp	Edit a specific record
shopa_export.asp	Export record
shopa_exportsetup.asp	Set-up export
shopa_formatorder.asp	Format one order
shopa_loghist.asp	Display administrator logins
Shopa_logoff.asp	Logoff Admin system
shopa_mail.asp	Mail records from a table
shopa_mailsetup.asp	Set-up for mailing records from a table
shopa_menu_control.asp	Control menu tables
shopa_query.asp	General SQL query
shopa_refresh.asp	Used to refresh categories in add product
shopa_reports.asp	Sales Reports
shopa_search.asp	Old general query
shopa_searchreports.asp	Search table recording reports
shopa_sessionlist.asp	List session variables
shopa_stock.asp	Stock low report
shopa_tableselect.asp	Select a table
shopa_user_control.asp	Administer admin usersids
shopa_user_edit.asp	Works with user control
shopaddtocart.asp	Add a product to the cart
shopaddtocartnodb.asp	Add product to cart based only on form fields
shopadmin.asp	Administration login
shopadmin_trailer.htm	Generates HTML to end all admin pages
shopadmin1.asp	Generates menu for specific administrator
shopaff.asp	Interface for affiliate order
shopaffio.asp	Subroutines for affiliate handling
shopaffregister.asp	Affiliate Registration
shopaffuserinfo.htm	User created message for Affiliate during registration
shopcartformat.asp	Format shopping Cart
shopcheckout.asp	Obtain payment details
shopcheckoutdummy.asp	Dummy shop checkout
shopconvertcurrency.asp	Dual currency conversion
shopcountries.asp	Countries drop down list
shopcoupon.asp	Discount Coupon subroutines

shopcouponentry.asp	Validates coupon
shopcreateorder.asp	Stores order in database
shopcustadmin.asp	Customer Control Center
shopcustadmin1.asp	Customer menu options after login
shopcustomer.asp	Obtains customer details
shopcustomerprices.asp	Customer based pricing
shopdbtest.asp	Tests mail and database
shopdiscount.asp	General Discount routine
shopdisplaycategories.asp	Display categories
shopdisplayproducts.asp	Displays products
shopdisplaysubcat.asp	Display sub categories
shopemptycart.asp	Empty Cart
shopend.asp	End shopping
shopend1.asp	End shopping with frames
shoperror.asp	General error message routine
shopexd.asp	Generates extended description from database/template
shopfileio.asp	General fileio for templates
shopformatorder.asp	Formats 1 order
shopgift.asp	Purchase a gift certificate
shopgift2.asp	Customer details
shopgiftdb.asp	Gift Certificate subroutines
shophandling.asp	Handling charge
shophash.asp	Encrypt/Decrypt
shoplanguageset.asp	Change languages
shoplogin.asp	Customer Login
shoploginforce.asp	Restricted Shop Login
shopmail.asp	Mailing subroutines
shopmailform.asp	Preview Order
shopmailformat.asp	Format mail message
shopmailformattemplate.asp	Format mail message with a template
shopmaillist.asp	Customer mail list registration
shopmailpwd.asp	Mail forgotten password
shoppage_header.htm	Generates start HTML for all pages
shoppage_trailer.htm	Generates end HTML for all pages
shoppayment.asp	Dummy payment routine- unused
shopping350.mdb	Database
shopproductfeatures.asp	Generates Product Features and adds product to cart
shopproductcreatesql.asp	Creates SQL for shopsearch, shopquery and shopdisplayproducts
shopproductformat.asp	Formats product display
shopproductformat_html.asp	Column, thumbnail product formatting
shopproductselect.asp	Handles multi-selection of products
shopquantityprices.asp	Quantity based pricing
shopquery.asp	General Query interface to database
shoprestoreorder.asp	Restore an order
shopsamplelinks.htm	Sample hyperlinks
shopsavecart.asp	Save/restore a cart
shopsearch.asp	Search
shopsess.asp	Session variable handling
shopshippingcalc.asp	Shipping Calculations
shopstates.asp	Us States drop down list
shopstatus.asp	Status of orders
shopstock.asp	Updates stock amounts after order
shoptax.asp	Calculates tax
shopthanks.asp	Final order routine controls mailing, stock
shopthanksmerchant.asp	Merchant interface at end of order
shoptmptest.asp	Template testing
shopuserprice.asp	Change price of product
shopusersubs.asp	Misc user subroutines
shopvbs.asp	ASP constants for ADO
sqlserverdemo.sql	SQL Server generation script to add demo data

sqlservershopping.sql	SQL Server generation script
sslresult.asp	Special checkout
sslshopcheckout.asp	Special checkout
tmp_affiliate.txt	Template for affiliate generation
tmp_affmerchant.txt	Template for Merchant affiliate registration
tmp_customeremail.txt	E-mail to customer at end of order
tmp_emailist.txt	Sample e-mail list
tmp_gift.txt	Gift Certificate confirmation
tmp_merchantemail.txt	E-mail to merchant at the end of an order
tmp_mycompany.txt	Sample template – unused
tmp_product.htm	Sample extended description template
tmp_product.txt	Unused sample template
tmp_project.txt	Project e-mailing
tmp_project.txt	Project mailing
tmp_registration.txt	Customer add to e-mail list

28 Configuration Options

fieldname	fieldvalue	fieldgroup
affallowaffiliatesrevieworders	No	aff
affcommissioncategories		aff
affcommissioncategory	No	aff
affcommissionincludesallorders	No	aff
affcommissionIncludesshipping	No	aff
affcommissionproduct	No	aff
affcommissionproductfield		aff
affcommissionrate	.10	aff
affdirecturl	shopdisplaycategories.asp	aff
affinfourl	http://www.yoursite.com/yourinfo page.htm	aff
affmastercommissionrate	.05	aff
affmultilevel	No	aff
affpaymenttypes	Bank Transfer,Paypal,Check	aff
affsubject	Your Affiliate System	aff
afftemplateaffiliate	tmp_affiliate.txt	aff
afftemplateMerchant	tmp_affmerchant.txt	aff
affwebsite	http://www.yoursite.com	aff
xaddcatalogid	Yes	advanced
xaddproductsubcategorybycategory	No	security
xaddproductsupplierdropdown	No	advanced
xadminmenucheck	No	security
xadminpage	shopadmin.asp	security
xadminrestrictproducts	Yes	security
xaffiliatedb		aff
xaffiliateusecookies	Yes	aff
xallowcoupons	No	option
xallowcreditcards	Yes	payment
xallowcustomerregister	Yes	customer
xallowcustomerupdates	Yes	customer
xallowdecimalquantity	No	advanced
xallowinvalidcards	No	payment
xallowmaillist	Yes	customer
xalloworderreview	Yes	customer
xallowotherpayments	Yes	payment
xallowratingproducts	No	option
xallowratingssummary	No	option
xallowrestoreorder	Yes	customer
xallowrevieworders	Yes	customer
xallowsavcart	No	customer
xallowsubsubcategories	No	advanced
xallowsupplierlogin	No	advanced
xallowsupplierregister	No	advanced
xautoloadconfiguration	Yes	advanced
xbuttonaddressadd	vpnava_addressadd.gif	buttons
xbuttonaddresschange	vpnava_addresschange.gif	buttons
xbuttoncancel	vpnava_cancelorder.gif	buttons
xbuttoncheckout	vpnava_checkout.gif	buttons
xbuttoncontinue	vpnava_continue.gif	buttons
xbuttoncontinueshopping	vpnava_continueshopping.gif	buttons
xbuttonimage	vpnava_buy.gif	buttons
xbuttonlogin	vpnava_login.gif	buttons
xbuttonmoreinfo	vpnava_moreinfo.gif	buttons
xbuttonnextpage	vpnava_nextpage.gif	buttons
xbuttonorderproduct	vpnava_orderselected.gif	buttons
xbuttonpreviouspage	vpnava_previouspage.gif	buttons
xbuttonreadreview	vpnava_readreview.gif	buttons
xbuttonrecalculate	vpnava_recalculate.gif	buttons
xbuttonremove		buttons

xbuttonreset	vpnav_reset.gif	buttons
xbuttonsearch	vpnav_search.gif	buttons
xbuttontellafriend	vpnav_tellafriend.gif	buttons
xbuttontext	Order	buttons
xbuttonwritereview	vpnav_writereview.gif	buttons
xbypasscreateorderpage	No	payment
xcardissueNumber	No	payment
xcartfields	cname,cdescription	products
xcartremovechecked	No	advanced
xcartstaticquantity	No	advanced
xcategorysimple	No	advanced
xcategorydisplaytemplate	tmp_categorytemplate.htm	products1
xcategorydisplaytext	Yes	products1
xcategoryproductsonly	No	products1
xcategoryusetemplate	No	products1
xcatmaxcolumns	3	products
xcheckexistingcustomer	No	customer
xcheckmaillist	No	security
xcheckout	shopcheckout.asp	payment
xcheckstocklevel	No	stock
xcontactform	Yes	customer
xcontinueshopping	shopdisplaycategories.asp	products1
xconverteuropeannumbers	No	int
xcookielogin	No	customer
xcountryrequired	No	customer
xcreditcardtypes	Visa,Mastercard,American Express	payment
xcrosslinkurl	shopquery.asp	products
xcrossselling	Yes	products
xcurrencysymbol		int
xcustomerdb		advanced
xcustomeremail	tmp_customeremail.txt	templates
xcustomermaxotherfields	50	customer
xcustomerothercaptions		customer
xcustomerotherfields		customer
xcustomerotherfieldsinorder	No	customer
xcustomerotherrequired		customer
xcustomerpricefields		customer
xcustomerpriceidentifier	contacttypeid	customer
xcustomerprices	No	products1
xcustomerpricetypes		customer
xcvndisplay	No	payment
xcvnrequired	No	payment
xdateformat	dd mm yyyy	payment
xdebug	No	advanced
xdecimalpoint	2	int
xdefaultshippingmethod	Yes	shipping
xdeliveryaddress	No	products1
xdeliveryrequired	No	products1
xdeliveryshipping	No	shipping
xdiscountamount		payment
xdiscountlimit		payment
xdisplaycategoryimages	No	products1
xdisplayoriginalprice	No	products1
xdisplayprices	Yes	products1
xdualconversionrate		int
xdualprice	No	int
xeditdisplaymaxrecords	20	advanced
xemail	you@youremail.com	main
xemailcustomer	Yes	payment
xemailformat	Text	payment
xemaillist		payment
xemailmerchant	Yes	payment
xemailname	VP-ASP Shopping Cart	main
xemailremovehtml	Yes	advanced

xemailsubject	Shopping Order	main
xemailsystem	mail.yourmailsystem.com	main
xemailtype	CDONTS	main
xemailwithtemplates	No	option
xencryptcreditcard	No	payment
xencryptkey	agabAhjBcG	payment
xendoforderattachmentfield	orderattachment	payment
xendoforderattachments	No	payment
xendoforderhyperlinkfield	orderdownload	payment
xendoforderhyperlinks	No	payment
xendoforderinvalidpayments	Visa,Mastercard	payment
xenvironment	NT	advanced
xextendedpopup	No	products
xfeaturesort	featurename	products
xfeaturesrequired	No	products
xfixedshippingcost	0	shipping
xfixedshippingmethod	How you want to ship	shipping
xfont		advanced
xframes	No	advanced
xgenerateshopexdlink	No	products1
xgeneratesku	No	advanced
xgiftautoenable	No	option
xgiftcertificates	No	option
xgiftexpirydays	365	option
xgiftlimit	100	option
xgiftprefix	Gift	option
xgiftproductid	99999	option
xgiftregistry	No	option
xgifttemplate	tmp_gift.txt	templates
xhandlingprice	0	payment
xhome	default.htm	main
xhome1		advanced
ximportmatchfield	catalogid	advanced
xincludecountries	No	customer
xincludeoidonlink	Yes	advanced
xincludestates	No	customer
xkeepcanceleditems	No	payment
xkeepcanceledorders	No	payment
xlanguage	ENGLISH	int
xlcid		int
xlogonrequired	No	customer
xmaillistcheckbox	Yes	customer
xmaillisttable	customers	advanced
xmaillisttomerchant	No	customer
xmailto suppliers	No	option
xmaxcartitems	20	advanced
xmaxcategories	100	advanced
xmaxfeaturecaptions	100	advanced
xmaxfeatures	4	products1
xmaximumorder		payment
xmaxproductoptions	100	advanced
xmaxsavedcarts	100	advanced
xmaxsubcategories	100	advanced
xmerchantemail	tmp_merchantemail.txt	templates
xmerchantshipzip	99999	shipping
xminimumorder		payment
xmysite	http://www.yourvpaspsite.com/shopping	products1
xmysql	No	advanced
xnavigatecategories	Yes	advanced
xnavigateminicart	Yes	advanced
xoldcategorymode	No	advanced
xorderdb		advanced

xorderstatus	Shipped,Back Order,Waiting payment	customer
xotherdatabases		advanced
xotherpaymenttypes	Check,Cash,Phone order	payment
xothertables		advanced
xoutofstocklimit		stock
xpassword	No	customer
xpasswordlastname	No	advanced
xpoints	No	option
xpointsfield	points	option
xpointsredeem	No	option
xprice0		products1
xproductcatalogonly	No	products1
xproductcolumns	1	products
xproductdisplaytemplate	tmp_productformat.htm	products
xproductfields	cname,cdescription,quantity,cprice	products
xproductfiltering	No	products1
xproductgroupdiscount	No	products1
xproductlinktellafriend	No	products
xproductmatch	No	customer
xproductmatchcustomer	No	advanced
xproductminimumlist	6	products1
xproductminimumquantity	No	products1
xproductmulticategories	Yes	advanced
xproductothercaptions		advanced
xproductotherfields		advanced
xproductpagingnextprevious	No	products
xproductquantitylimit	9999	advanced
xproductselect	Yes	products
xproductsperpage	10	products
xproductstayonpage	No	products1
xproducttemplate	tmp_product.htm	templates
xproductwithhtml	No	products
xprojectcatalogid	9998	option
xprojectdb		advanced
xprojecttemplate	tmp_project.txt	templates
xprojectupdate	No	option
xpromptforcountry	Yes	customer
xpromptforlogin	Yes	customer
xpromptforoptional	No	customer
xpromptforstate	Yes	customer
xquantityprices	No	products1
xratingauthorize	No	option
xratingmailtomerchant	No	option
xratingproducthyperlink	No	option
xratingtemplate	tmp_rating.txt	templates
xrestrictadmintables	Yes	security
xrestrictedtoexisting	No	customer
xsearchcapture	No	advanced
xsearchdb		advanced
xsearchdisplaycategories	Yes	products1
xsearchdisplaysubcat	Yes	products1
xsearchfields	cname,cdescription,ccode,mfg	products1
xsearchsortcaptions		products1
xsearchsortfields		products1
xselectproductsbylanguage	No	int
xsessiontimeout	10	advanced
xshippingalternate	Lookup	shipping
xshippingcalc	Lookup	shipping
xshippingdatabaserecords	Yes	shipping
xshippingform	Yes	shipping
xshippingothercaptions		shipping
xshippingotherrequired		shipping
xshippingotherfields		shipping

xshippingsetfields	No	shipping
xshippingundercustomer	No	customer
xshopclosed	No	customer
xshowadmin	Yes	security
xsortcategories	catdescription	products
xsortproducts	specialoffer desc,cname	products
xsortsubcategories	subcategory	advanced
xssl		payment
xstaterequired	Yes	customer
xstockcontrol	No	stock
xstocklow		stock
xsubcatmaxcolumns	1	advanced
xsupplieremail	tmp_supplieremail.txt	templates
xtaxbyproduct		payment
xtaxcountryname		payment
xtaxcountryrates		payment
xtaxeu	No	payment
xtaxeuountries	UK,ES,IT,FR,DE,NL,DK,GR,EN,P T,FI,SE,IE,LU,BE	payment
xtaxeurate	.175	payment
xtaxexcludeproducts		payment
xtaxincludedinprice	No	payment
xtaxstaterates		payment
xtaxstaterates		payment
xtimedifference		int
xtracking	No	option
xtrackingcustomerread	No	option
xtrackingcustomerwrite	No	option
xtrackingmerchanttemplate	tmp_trackingmerchant.txt	templates
xtrackingmessagetemplate	tmp_trackingmessage.txt	templates
xupload	Yes	advanced
xuploaddirectory		advanced
xvatcountry		customer
xvatnumber	No	customer

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ShopMailFormat.asp	52
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