

# **Trilobyte Software Systems**

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## **TECH NOTES – Trilobyte VirtueMart Elavon Payment Method Plugin (Joomla)**

### **Overview:**

This is a VirtueMart (Joomla) shopping cart system plugin that supports processing of credit card transactions through Elavon's My Virtual Merchant/Converge payment gateway system. My Virtue Merchant/Converge is the internal payment gateway provided by Elavon (US Bank) for its associated resellers (ie: Costco). Supported credit cards may include: Visa, Mastercard, American Express, Discover, Diners Club, and JCB.

### **Requirements:**

Joomla v3.4.8 minimum  
VirtueMart v3.0.12 minimum  
Elavon My Virtual Merchant account  
SSL certificate on your website

### **Cost:**

A one-time license fee of \$79 includes the most current version of the Trilobyte Elavon VirtueMart Payment Method. Your purchase includes software updates and tech support (limited to this software) for six months from the date of purchase. Software is licensed per installation/website.

### **Installation notes:**

Refer to Joomla "Install an extension" documentation to install this software on a Joomla VirtueMart website. [http://docs.joomla.org/Installing\\_an\\_extension](http://docs.joomla.org/Installing_an_extension).

You will need to establish a merchant services account with Elavon to obtain access to the My Virtual Merchant/Converge payment gateway system. Elavon will provide tech support and documentation regarding how to create an online profile for use with this Payment Method. You may need to contact Elavon tech support to accomplish this task as it is connected to your merchant account setup. Elavon will supply you with your Account ID, PIN, and User ID credentials that you will enter into the configuration form (see below).

To add and configure this Payment Method in VirtueMart you will need to login to Joomla as administrator. Then navigate to Payment Methods (Components; VirtueMart; Payment Methods; New).

## **Payment Method Information Tab**

### **Payment Name:**

Give a unique name to your payment method. This name will appear in your checkout page.

### **Published:**

You must select YES for Published or this method will NOT appear in your store.

### **Payment Description:**

This explanation will appear in the checkout page so your customer can understand the choice(s).

### **Payment Method:**

Select payment method "Elavon". If installed properly Elavon will be a choice in the drop down list.

### **Shopper Group:**

If your payment method is available for all shopper groups, DO NOT SELECT any shopper group. If you wish to restrict a payment method to a specific shopper group, click in the box to display the drop-down menu and select it. This method will be available only to that group.

### **List Order:**

If you use multiple payment methods, put a 1 for this method to appear first, 2 to appear second, etc.

Click the SAVE Button before moving onto the Configuration Tab so VirtueMart knows which configuration settings to show you.

## **Configuration Tab**

### **For both Production and Sandbox parameters:**

Enter Account ID, PIN, and User ID as supplied by Elavon technical support. (note: Your Merchant ID is NOT your Account ID). Elavon may deliver unusually long PIN. To ensure a correct PIN consider logging into your My Virtual Merchant/Converge account and find your PIN under User; Change PIN. You can copy your PIN from this screen and paste it into the PIN field in your Elavon configuration.

### **Transaction types:**

Select transaction type as required. "Authorization and Capture" is a completed sale while "Authorization Only" will need to be converted to a completed sale at your My Virtual Merchant/Converge portal at a later time.

### **Credit Cards:**

Choose which credit cards are offered in your VirtueMart store: Visa, Mastercard, American Express, Discover, Diners Club, and/or JCB. Click in the box and then click each credit card name to select that card; then repeat for multiple cards.

## **Order Status Parameters:**

### **Order Status for Approved Payments:**

Select one of the options from the drop down list (ie: Pending, Confirmed by shopper, Confirmed, Cancelled, Refunded, Shipped, Completed, Denied).

### **Transaction Declined:**

Select one of the options from the drop down list (ie: Pending, Confirmed by shopper, Confirmed, Cancelled, Refunded, Shipped, Completed, Denied).

### **Transaction held for review:**

Select one of the options from the drop down list (ie: Pending, Confirmed by shopper, Confirmed, Cancelled, Refunded, Shipped, Completed, Denied).

## **Templating:**

### **Logos (optional):**

If you have uploaded a small image to display on payment methods, select it here.

### **CVV images (optional):**

CVV is Credit Card Verification Value, the 3-digit number usually on the back of your card. Select an image you have uploaded for the CVV Tooltip Help that shows the 3-digit number circled on the back of a credit card.

## **Optional Parameters:**

### **Countries:**

If you want this payment method to be visible only to customers in certain countries, select the countries from the drop-down list. Otherwise, leave this option blank.

### **Minimum and Maximum Amount:**

If you want this payment method to appear only if a customer's order is above and/or below a certain amount, enter the minimum and/or maximums here.

### **Discount or Fee per Transaction:**

If you want to charge a flat payment fee for each transaction (example \$5.00 per order), enter the amount here. Example 5.00 will add a \$5.00 transaction fee.

### **Discount or Fee per Total Amount:**

If you want to charge a payment fee based on the total amount (example: 1% payment fee), and it is legal for you to do so, enter the percent amount here. Example: .01 will add a 1% payment fee.

**Tax:**

If you are required by your taxing authority to pay tax on payment transaction fees, select the tax here. Otherwise, leave at "Apply no rule."

**Debug:**

Selecting Yes will cause debug data to be written to the debug log in the "/logs" folder of your Joomla install instance (ie: elavon.0.log.php).

**Log:**

Selecting Yes will cause log data to be written to the log in the "/logs" folder of your Joomla install instance (ie: elavon.0.log.php).

**Configuration notes:****Sandbox:**

When "Use Sandbox " is checked transactions are sent to the "demo" My Virtual Merchant/Converge portal at Elavon. My Virtual Merchant/Converge may or may not return successful transaction codes depending on the credit card number used and/or the last two digits of the total amount. You must use one of the test credit card numbers listed on the My Virtual Merchant/Converge website, otherwise the card number may be rejected before it is ever sent to My Virtual Merchant/Converge. Elavon tech support offers an option to set up a 30 day test profile at no charge if you need to do more extensive testing.

**Transaction Confirmation:**

You can view details of each transaction by logging on to the My Virtual Merchant/Converge portal with credentials for your account as supplied by Elavon.