

Using Protx as your eCart Payment Gateway

With eCart 4.3 you have the ability to use Protx (Sage Pay) as your payment gateway. Although eCart makes implementing this easy and effective, the steps involved in setting this up differ slightly from other payment gateways.

Note: In eCart you may notice that Protx is also referred to as Sage Pay. Sage Pay is the new name for Protx and can be treated as the same payment gateway.

What Do You Need to Start?

- Dreamweaver 8, CS3 or CS4
- eCart 4.3 or higher
- Protx (Sage Pay) Merchant account

For more information visit <http://www.sagepay.com/>

Setting up your database

If you are planning on using database transactions for receiving payments, you will need to make a few additions to your database. If you do not plan on using a database for your transactions, you can skip this section.

Note: It is highly recommended that you use a database when processing your payments.

MySQL

1. Open MySQL Administrator.
2. Connect to the server that contains your database.
3. Click on **Catalogs**.
4. Select your database.
5. Double click on the **Orders** table.
6. Double click in the empty cell for column name at the bottom.
7. Enter **VendorTransCode** as the name of the new column.
8. In the Datatype cell enter **VARCHAR(45)**.

Note: This column will contain the Protx Vendor Transaction Code

9. Double click in the empty cell for column name at the bottom.

10. Enter **VSPTransID** as the name of the new column.

11. In the Datatype cell enter **VARCHAR(45)**.

Note: This column will contain the Protx transaction ID for each order.

12. Double click in the empty cell for column name at the bottom.

13. Enter **SecurityKey** as the name of the new column.

14. In the Datatype cell enter **VARCHAR(45)**.

Note: This column will contain the Protx Security Key for each order.

15. Click **Apply Changes**.

16. Click **Execute**.

17. **Close** MySQL Administrator.

Microsoft Access

1. Open your database in Microsoft Access.

2. Select the **Orders** table.

3. Click on the **Design** button.

4. Click in the blank cell for Field Name.

5. Enter **VendorTransCode** as the name of the new column.

6. In the Data Type cell enter **Text**.

Note: This column will contain the Protx Vendor Transaction Code

7. Click in the blank cell for Field Name.

8. Enter **VSPTransID** as the name of the new column.

9. In the Data Type cell enter **Text**.

Note: This column will contain the Protx transaction ID for each order.

10. Click in the blank cell for Field Name.

11. Enter **SecurityKey** as the name of the new column.

12. In the Data Type cell enter **Text**.

Note: This column will contain the Protx Security Key for each order.

13. Close the Orders table.

14. **Close** Microsoft Access.

MSSQL

15. Open Enterprise Manager.

16. Connect to the server that contains your database.

17. Expand the **SQL Server Group** menu.

18. Expand the menu for the server your database is stored on.

19. Expand the **databases** folder.

20. Click on the **Tables** option.

21. Select the **Orders** table.

22. From Action option in the Menu bar, select **Design Table**.

23. Click in the blank cell for Column Name.

24. Enter **VendorTransCode** as the name of the new column.

25. In the Data Type cell enter **nvarchar**.

Note: This column will contain the Protx Vendor Transaction Code

26. Click in the blank cell for Column Name.

27. Enter **VSPTransID** as the name of the new column.

28. In the Data Type cell enter **nvarchar**.

Note: This column will contain the Protx transaction ID for each order.

29. Click in the blank cell for Column Name.

30. Enter **SecurityKey** as the name of the new column.

Note: This column will contain the Protx Security Key for each order.

31. In the Data Type cell enter **nvarchar**.

32. **Close** the Orders table.
33. **Close** Microsoft Access.

The Checkout Wizard – Initial Setup

Once you have set up your cart using the eCart Object, and you have run the eCart Display Manager to configure how your cart page will look, you are ready to run the Checkout Wizard.

1. From the Files Panel open your cart page.
2. From the Insert option in the Menu bar select **WebAssist, eCart** and click on **Checkout Wizard**.
3. From the payment gateway menu list, select **ProTX**.
4. Check the **VSP server** radio button.
5. Select **No** under shipping services.

Note: You may want to provide shipping services with your checkout, but for this Solution Recipe we are going to skip this step.

6. Select your eCart object from the menu list.
7. Click **Get Started**.

The Checkout Wizard – Payments

In this section you provide the details for your Protx account.

1. Enter the vendor name for your account, in the Vendor Name field.
2. Click **Next**.
3. Check **Do not include PayPal Express Checkout at this time**.
4. Click **Next**.

The Checkout Wizard – Orders

The Orders step allows you to manage how each order is recorded in your database.

1. Select your database connection from the Connections list.
2. Select the **Orders Table**.

3. Specify the **Unique ID**. This should be selected by default.

You now need to set the values for each column in your database for purchase data to be stored.

4. Select **OrderID**.

5. Click the **lightning bolt**.

6. In the Dynamic Data window, expand your cart.

7. Select **ID**.

8. Click **OK**.

Repeat this step for all items that you want stored in your database.

9. Select **OrderShipping**.

10. Click the **lightning bolt**.

11. Select **[Shipping]**.

12. Click **OK**.

13. Select **OrderTax**.

14. Click the **lightning bolt**.

15. Select **[Tax]**

16. Click **OK**.

17. Select **OrderTotal**.

18. Click the **lightning bolt**.

19. Select **[Grand Total]**.

20. Click **OK**.

Do the same thing for the 3 new columns you added to your database.

21. Select **VendorTransCode**.

22. Click the **lightning bolt**.

23. Expand the **ProTX VSP Server Authentication** option.

24. Select **Vendor Transaction Code**.

25. Click **OK**.

26. Select **VSPTransID**
27. Click the **lightning bolt**.
28. Select **ProTX Transaction ID**.
29. Click **OK**.
30. Select the **SecurityKey** column.
31. Click the **lightning bolt**.
32. Select **Security Key**
33. Click **OK**.
34. Click **Next**.

The Checkout Wizard – Order Details

Step 2 of the Orders allows you to specify the database information for storing details about each order.

1. Select **OrderDetails** from the Table menu list.
2. Select the **Unique ID**. This should be selected by default
3. Select the **DetailItemName** column.
4. Click the **lightning bolt**.
5. In the Dynamic Data window, expand your cart.
6. Select **Name**.
7. Click **OK**.
8. Select the **DetailItemDesc** column.
9. Click the **lightning bolt**.
10. Select **Description**.
11. Click **OK**.
12. Select **DetailQuantity**
13. Click the **lightning bolt**.
14. Select **Quantity**.
15. Click **OK**.

16. Select **DetailPrice**.
17. Click the **lightning bolt**.
18. Select [**Grand Total**].
19. Click **OK**.
20. Click **Next**.

The Checkout Wizard – Design

In this step you specify the design and color theme you wish to use for your Checkout.

1. From the Design menu list, select a design of your choosing.
2. Select a color scheme, from the Color scheme menu list.
3. Click **Next**.

The Checkout Wizard – Specifying Pages to create

The final step of the Checkout Wizard is provided to confirm which pages you want to be created for your checkout and where they will be located.

1. Make any necessary changes to the pages that will be created.

Note: If your site is defined properly in Dreamweaver, the details for your remote server will be used for your Site Address, and the 3 redirect URLs.

2. Click **Finish**.

Testing your checkout pages

For testing your Protx payment gateway, upload your site to your remote server.

Note: Protx will not work if tested from a local server that cannot be accessed publicly.

1. Open a product page from the Files Panel.
2. Press F12 to preview this page in your browser.
3. Click the Add to cart button on any item, to add a purchase to your cart.
4. Click **Checkout** on the cart page.

Note: For testing purposes you do not need to enter billing information.

5. Click **Checkout**.

6. Click **Submit Order**.

Note: When setup correctly, you will be redirected to a VSP Server Payment Page.

7. Click Proceed to test other areas of your checkout.

8. Click Proceed again on the Transaction Details page.

Note: This page provides a number of buttons that you can select to test what will happen when a transaction is processed on your site.