Openpay Widget Integration Document

Open Pay - Epi Server

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1 Pre-requirements

Openpay widget is a part of OpenpayAddonPaymentGateway[1] for Episerver commerce website. It is required to install the Openpay plugin on your website before we can get start.

We provide a full integrated sample on QuickSilver site at quicksilver_integration[2].

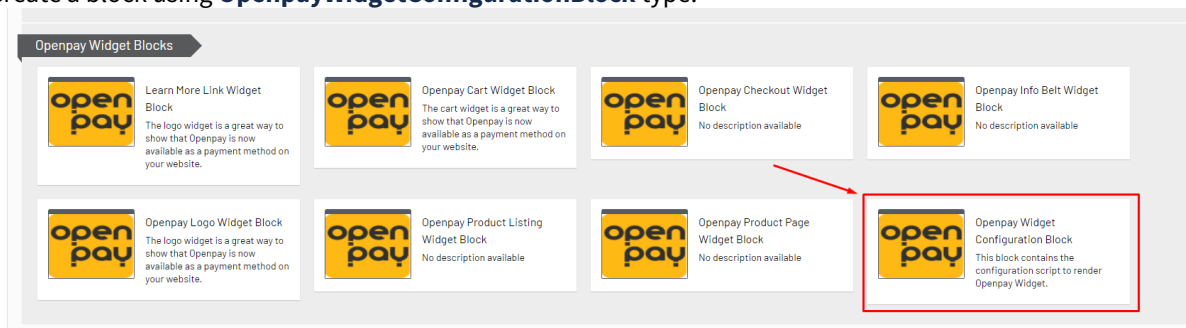1 https://github.com/openpay-innovations/episerver-plugin
2 https://github.com/openpay-innovations/episerver-plugin/tree/quicksilver_integration

2 Setting In CMS Admin

To set up the Openpay widget, browse the front-end site admin and follow these steps.

1. Create a block using **OpenpayWidgetConfigurationBlock** type.

2. Navigate to the **CMS > Admin > Content Type** tab.
3. Add property **OpenpayWidgetConfigurationBlock** of the type **Content Item**, to the Start page (or Home page) page type.

4. Navigate to the Start page (or Home page), set the property **OpenpayWidgetConfigurationBlock** to the "OpenpayWidgetConfigurationBlock" created in step (1).
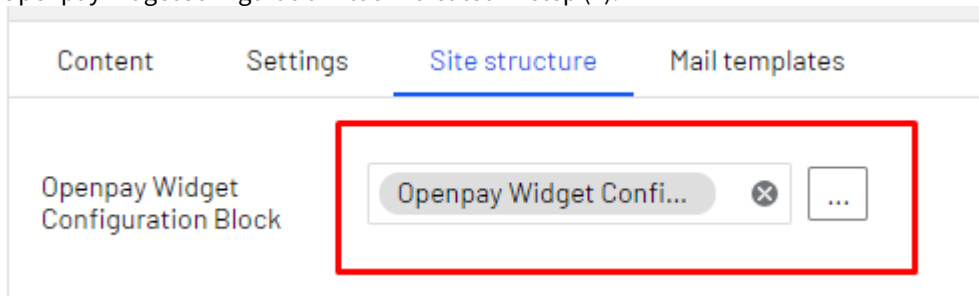
3 Widget Configurations

When added successfully, the widget global configuration will contain the following tab setup:

No	Config Tab
1	General Configuration
2	Info Belt Widget
3	Product Listing / Catalogue Page Widget
4	Product Page Widget
5	Cart Page Widget
6	Checkout Page Widget

For the detail configurations value, please take a look on the Widget Configuration document on the git repository.

4 Sample Implementations

In the package we provide a **WidgetViewModelFactory** to get the model used by **Widget PartialView** to render the widget.

1. Widget Configuration Block:
   In _layout.cshtml, use **WidgetViewModelFactory.GetConfigurationBlock()** method and **OpenpayWidgetConfigurationBlock** partialview.

```
_Layout.cshtml  ⇥ ✕    GetOpenpayPurchaseLimits.cs      ConfigurePayment.ascx.cs        OpenpayWidgetConfigurationBlock.cs
        73              }
        74        @{
        75              var openpayWidgetConfig = WidgetViewModelFactory.GetConfigurationBlock();
        76              if (openpayWidgetConfig != null)
        77              {
        78                  Html.RenderPartial("OpenpayWidgetConfigurationBlock", openpayWidgetConfig);
        79              }
        80        }
        81          </body>
        82      </html>
```

2. Product Listing Widget Block:
   In _Product.cshtml, use **WidgetViewModelFactory.GetProductListingWidgetViewModel(decimal productPrice, string contentCode)** method and **OpenpayProductListingWidget** partialview.

```
_Product.cshtml  ⇥ ✕   _Layout.cshtml       GetOpenpayPurchaseLimits.cs     ConfigurePayment.ascx.cs     OpenpayWidgetConfigurationBlock.cs     OpenpayWidgetCon...ationBlock.cshtml     web.config
        64          </div>
        65
        66        <div style="display: block !important;">
        67            @{
        68              // Where Model.PlacedPrice is price of the current product on the list
        69              var productListingWidgetDataModel = WidgetViewModelFactory.GetProductListingWidgetViewModel(Model.DiscountedPrice.GetValueOrDefault(), Model.Code);
        70
        71              if (productListingWidgetDataModel != null)
        72              {
        73                  Html.RenderPartial("OpenpayProductListingWidget", productListingWidgetDataModel);
        74              }
        75            }
        76        </div>
```

3. Checkout Widget Block(payment select option):
   In _PaymentMethodSelection.cshtml, use **WidgetViewModelFactory.GetCheckoutWidgetViewModel()** method and **OpenpayCheckoutWidgetBlock** partialview.

```
_PaymentMethodSelection.cshtml  ⇥ ✕   SingleShipmentCheckout.cshtml      _Product.cshtml       _Layout.cshtml       GetOpenpayPurchaseLimits.cs
        @if (viewModel.PaymentMethod.SystemKeyword == OpenpayConfigurationConstants.OpenpaySystemName)
        {

            <img style="width: 70px; margin-right: 5px;" src="https://static.openpay.com.au/brand/logo/amber-lozenge-logo.svg">
            var openpayCheckoutWidgetModel = WidgetViewModelFactory.GetCheckoutWidgetViewModel();
            if (openpayCheckoutWidgetModel != null && openpayCheckoutWidgetModel.ShowCheckoutWidget)
            {
                Html.RenderPartial("OpenpayCheckoutWidgetBlock", openpayCheckoutWidgetModel);
            }

        }
```

4. Cart Widget Block:
   In _MiniCartDetails.cshtml, use **WidgetViewModelFactory.GetCartWidgetViewModel()** method and **OpenpayCartWidgetBlock** partialview.

5. Info Belt Widget Block:
   In ~\Views\Navigation\Index.cshtml, use **WidgetViewModelFactory.GetInfoBeltWidgetViewModel()**
   method and **OpenpayInfoBeltWidgetBlock** partialview.

6. Openpay Landing Page:
   Using **OpenpayLandingPage** pagetype to create the landing page.

7. Learn More Link Widget Block:
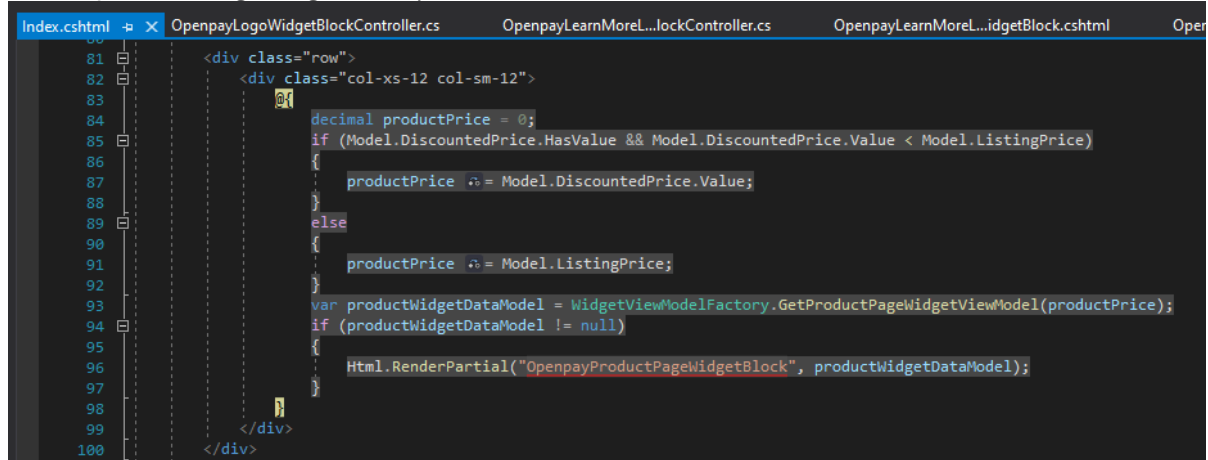   Using **WidgetViewModelFactory.GetLearnMoreLinkWidgetViewModel()** method and
   LearnMoreLinkWidgetBlock partialview.

8. Logo Widget Block:
   Using **WidgetViewModelFactory.GetLogoWidgetViewModel()** method and **OpenpayLogoWidgetBlock**
   partialview.

9. Product Page Widget Block:
   In ~\Views\Product\Index.cshtml, use
   WidgetViewModelFactory.GetProductPageWidgetViewModel(decimal productPrice) method and

OpenpayProductPageWidgetBlock partialview.

```
Index.cshtml ⇥ ×   OpenpayLogoWidgetBlockController.cs        OpenpayLearnMoreL...lockController.cs        OpenpayLearnMoreL...idgetBlock.cshtml        Oper
    81              <div class="row">
    82                  <div class="col-xs-12 col-sm-12">
    83                      @{
    84                          decimal productPrice = 0;
    85                          if (Model.DiscountedPrice.HasValue && Model.DiscountedPrice.Value < Model.ListingPrice)
    86                          {
    87                              productPrice = Model.DiscountedPrice.Value;
    88                          }
    89                          else
    90                          {
    91                              productPrice = Model.ListingPrice;
    92                          }
    93                          var productWidgetDataModel = WidgetViewModelFactory.GetProductPageWidgetViewModel(productPrice);
    94                          if (productWidgetDataModel != null)
    95                          {
    96                              Html.RenderPartial("OpenpayProductPageWidgetBlock", productWidgetDataModel);
    97                          }
    98                      }
    99                  </div>
   100              </div>
```