

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.

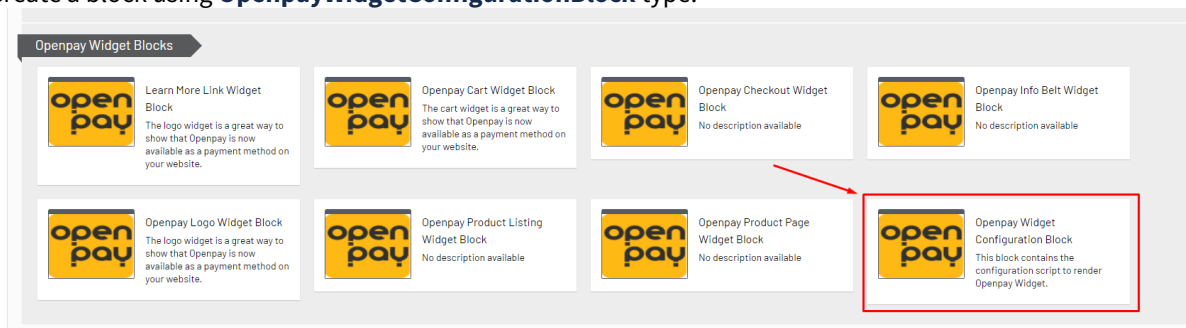
¹ <https://github.com/openpay-innovations/episerver-plugin>

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.

Common Settings
Custom Settings

General

Type
Content Item

Name
OpenpayWidgetConfigurationBlock

Presentation control
Use configuration settings

Default value
☒ No default value
☐ Inherits value
☒ Value must be entered
☐ Searchable property
☐ Unique value per language

User Interface
☒ Display in edit view

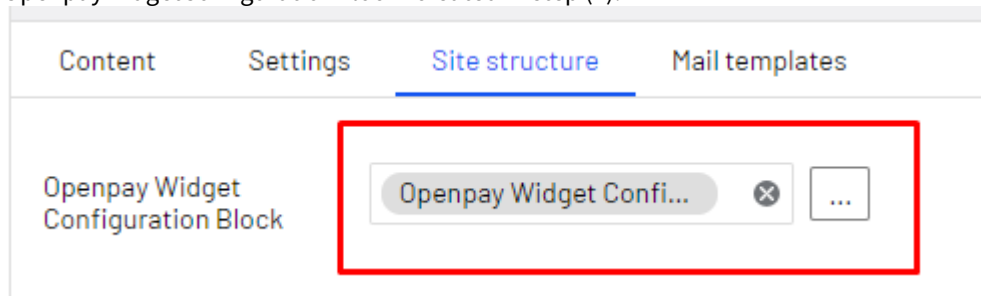
Field name
Openpay Widget Configuration Block

Help text

Tab
Site structure

Sort index

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

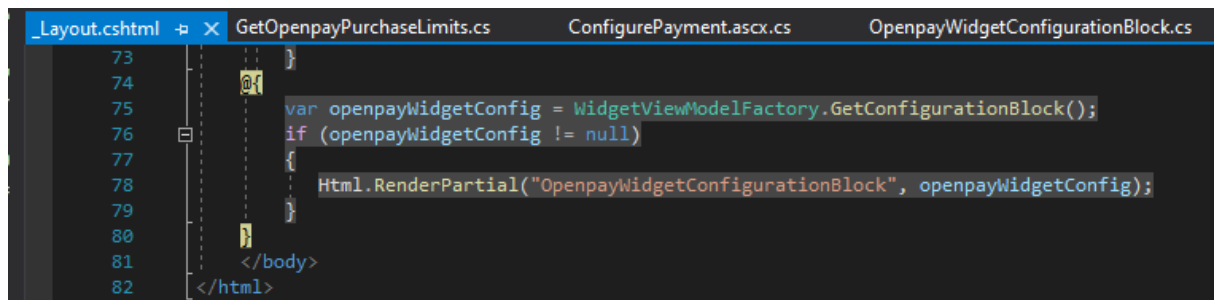
For the detail configurations value, please take a look on the Widget Configuration document on the git repository.

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.

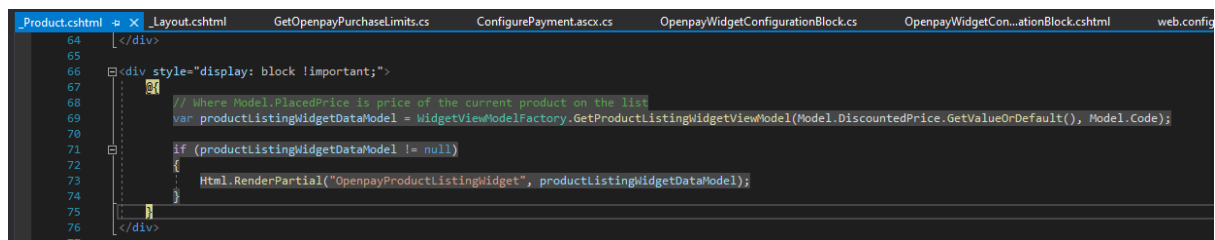


```

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.

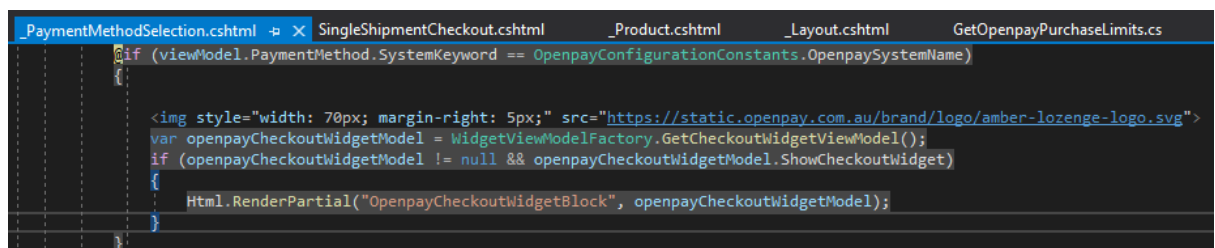


```

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>
77
  
```

3. Checkout Widget Block(payment select option):

In `_PaymentMethodSelection.cshtml`, use **WidgetViewModelFactory.GetCheckoutWidgetViewModel()** method and **OpenpayCheckoutWidgetBlock** partialview.



```

if (viewModel.PaymentMethod.SystemKeyword == OpenpayConfigurationConstants.OpenpaySystemName)
{
    
    var openpayCheckoutWidgetModel = WidgetViewModelFactory.GetCheckoutWidgetViewModel();
    if (openpayCheckoutWidgetModel != null && openpayCheckoutWidgetModel.ShowCheckoutWidget)
    {
        Html.RenderPartial("OpenpayCheckoutWidgetBlock", openpayCheckoutWidgetModel);
    }
}
  
```

4. Cart Widget Block:

In `_MiniCartDetails.cshtml`, use **WidgetViewModelFactory.GetCarWidgetViewModel()** method and **OpenpayCartWidgetBlock** partialview.

```

MiniCartDetails.cshtml  OpenpayWidgetConfigurationBlock.cs  OpenpayConfigurationPage.cs
87  <ul class="list-unstyled cart-dropdown__button-list">
88  <li class="cart-item">
89      {
90          var cartWidgetDataModel = WidgetViewModelFactory.GetCarWidgetViewModel();
91          if (cartWidgetDataModel != null)
92          {
93              Html.RenderPartial("OpenpayCartWidgetBlock", cartWidgetDataModel);
94          }
95      }
96  </li>
97  <li class="cart-item">

```

5. Info Belt Widget Block:

In ~\Views\Navigation\Index.cshtml, use **WidgetViewModelFactory.GetInfoBeltWidgetViewModel()** method and **OpenpayInfoBeltWidgetBlock** partialview.

```

Index.cshtml  OpenpayInfoBeltWidgetBlock.cshtml  MiniCartDetails.cshtml  OpenpayWidgetConfigurationBlock.cs
10
11 <nav class="navbar site-nav" role="navigation">
12
13     var openpayInfoBeltDataModel = WidgetViewModelFactory.GetInfoBeltWidgetViewModel();
14     if (openpayInfoBeltDataModel != null)
15     {
16         Html.RenderPartial("OpenpayInfoBeltWidgetBlock", openpayInfoBeltDataModel);
17     }
18

```

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  OpenpayLearnMoreLinkController.cs  OpenpayLearnMoreLinkWidgetBlock.cshtml  OpenpayProductPageWidgetBlock.cshtml
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>

```