

# Openpay Widget Integration Document

Open Pay - Epi Server

Exported on 09/20/2021

## Table of Contents

1 Pre-requirements .....	3
2 Setting In CMS Admin .....	4
3 Widget Configurations .....	6
4 Sample Implementations .....	7

# 1 Pre-requirements

Openpay widget is a part of [OpenpayAddonPaymentGateway](#)<sup>1</sup> 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](#)<sup>2</sup>.

---

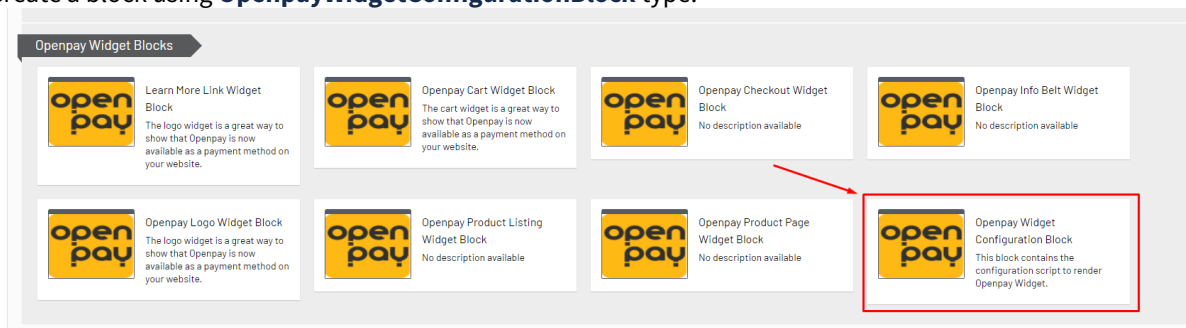
<sup>1</sup> <https://github.com/openpay-innovations/episerver-plugin>

<sup>2</sup> [https://github.com/openpay-innovations/episerver-plugin/tree/quicksilver\\_integration](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

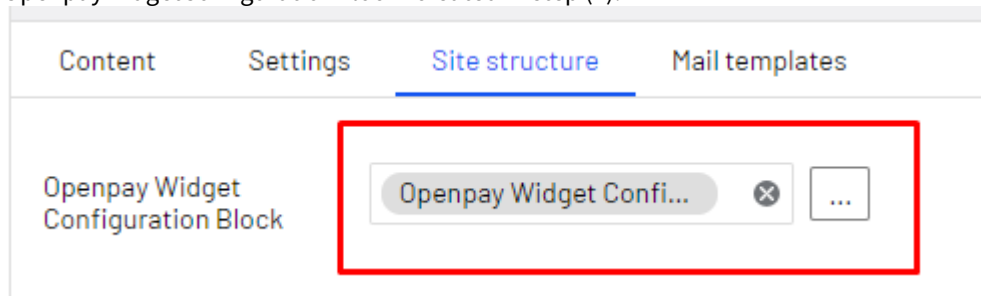
Field name
Openpay Widget Configuration Block

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

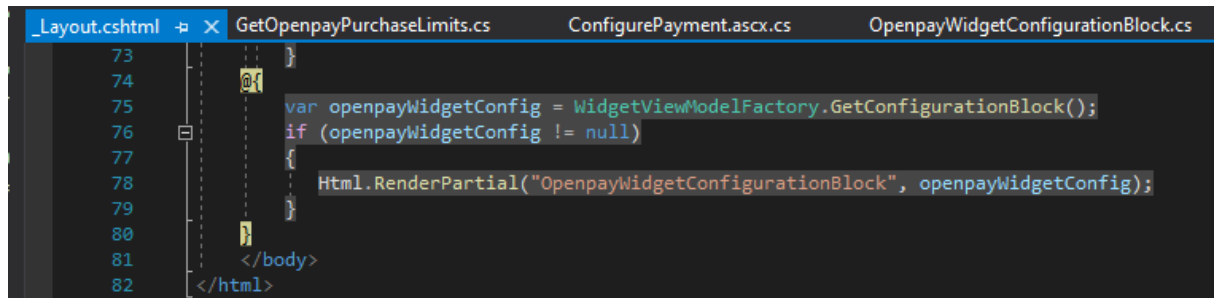
For the detail configurations value, please take a look on the Widget Configuration document on the git repository.

## 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.

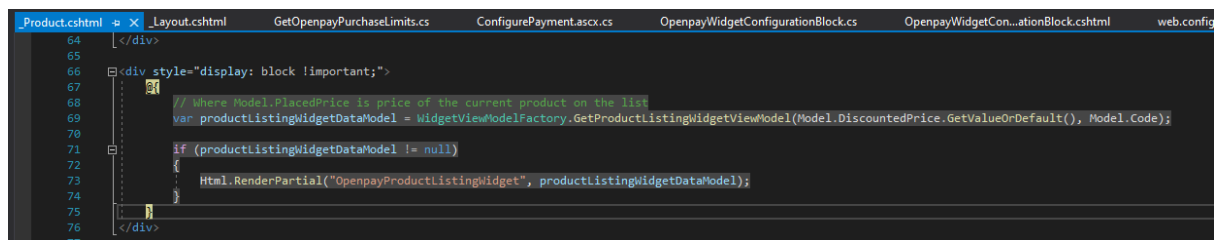


```

_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.

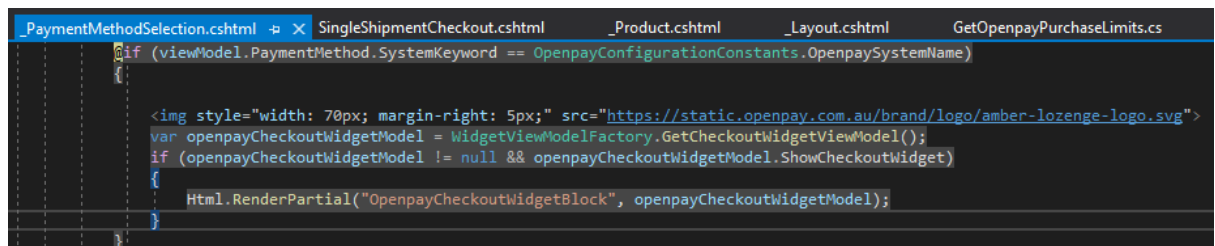


```

_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>
77
  
```

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
1
2     if (viewModel.PaymentMethod.SystemKeyword == OpenpayConfigurationConstants.OpenpaySystemName)
3     {
4
5         
6
7         var openpayCheckoutWidgetModel = WidgetViewModelFactory.GetCheckoutWidgetViewModel();
8         if (openpayCheckoutWidgetModel != null && openpayCheckoutWidgetModel.ShowCheckoutWidget)
9         {
10             Html.RenderPartial("OpenpayCheckoutWidgetBlock", openpayCheckoutWidgetModel);
11         }
12     }
  
```