



Sage Pay Payment Gateway Solution - Kentico 11

This Sage Pay payment gateway solution supports E-commerce payments and online Mail Order/Telephone Order (MOTO) payments. It works with Kentico CMS 11. The Kentico website stores tokens returned by Sage Pay (not actual credit/debit card numbers) for use by returning customers wanting to use a previously used card. This facilitates PCI-DSS compliance. SagePay_SolutionPackage_Kentico11 must be used for integrating Sage Pay with any installation of Kentico CMS 11.

Before installing this payment gateway, it is advisable but not essential to install the latest Hotfix for your Kentico CMS version, using the Kentico Installation Manager (KIM).

Updated on 26/06/2018



0118 974 4736



A. Importing the Sage Pay Add in Package

1. IMPORT the Kentico11_SagePayAddin_ImportPackage package:

Go to Admin section, open Site application, and choose import.

Step 1 of 4 | **Import type**
Please select package to be imported and type of the import.

Upload package Delete package Refresh

Kentico8_SagePayAddin_ImportPackage.zip

2. CHECK ALL Import files options and complete import:

Step 2 of 3 | **Objects selection**
Please select objects which should be imported.

marked with a warning and will be overwritten if checked. Please select the object type from the tree if you wish to change the default selection.
Click **Next** to start the import of selected objects.

Global object selection

Load default selection Select all Select only new Deselect all

Import settings





☐ Do not import objects where parent object is missing
☐ Import tasks (recommended)
☐ Log staging synchronization tasks
☐ Log integration tasks
☒ Import files (recommended)
☒ Import code files
☒ Import custom assembly files
☒ Import global folders



Previous Next

3. COPY the *SagePayPaymentGateway.dll* and *SagePayKentico11* assembly files to /bin/:

Name	Date modified	Type	Size
SagePayKentico11.dll	26/06/2018 12:36	Application extens	23
SagePayPaymentGateway.dll	26/02/2016 13:24	Application extens	126

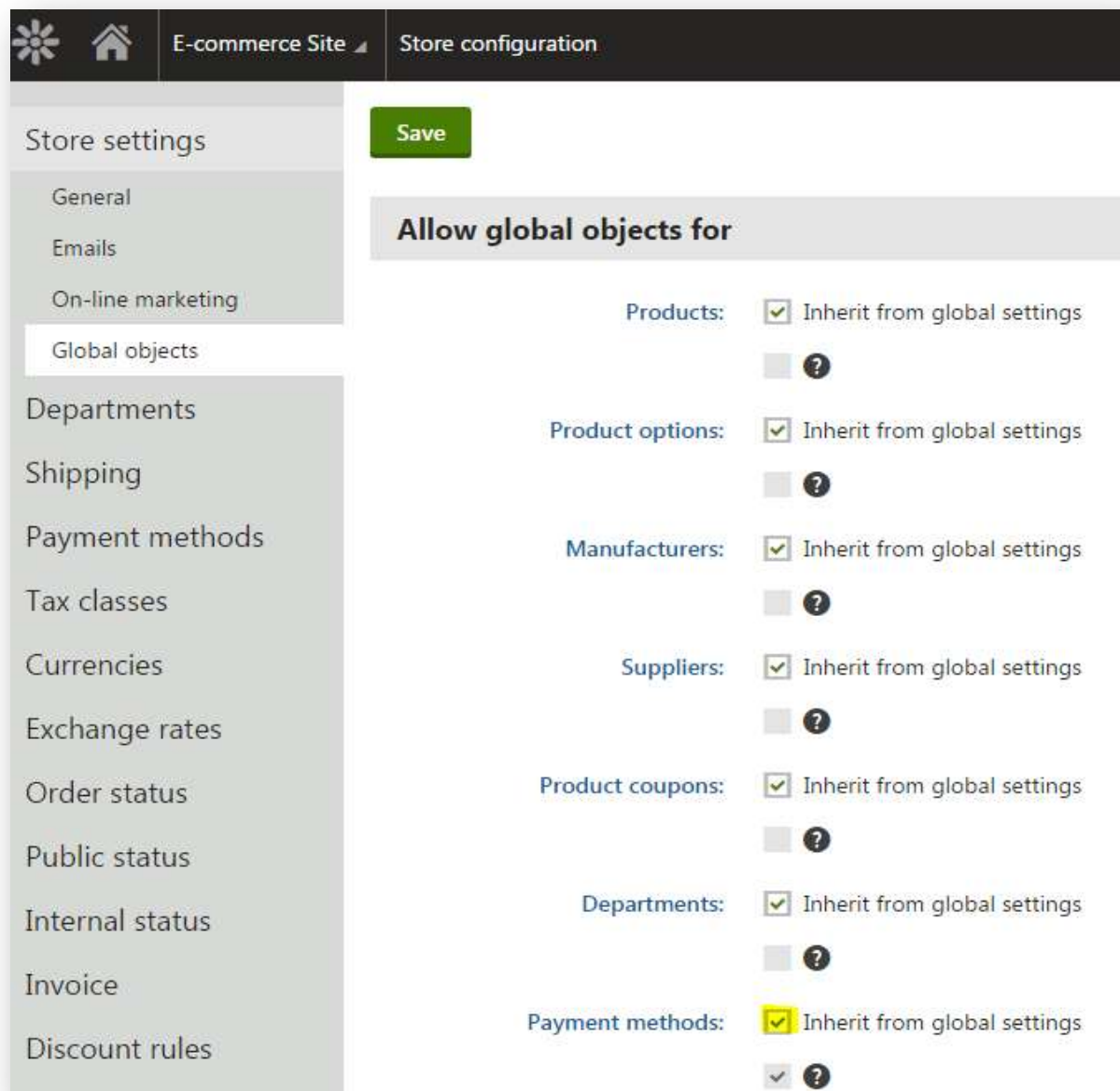
4. VERIFY following folders containing all of the files:

SagePay11Ecom_2 > CMS > CMSModules > SagePay				
Search SagePay				
Name	Date modified	Type	Size	
 SagePayGatewayForm.ascx	26/06/2018 09:13	ASP.NET User Con...	3 KB	
 SagePayGatewayForm.ascx.cs	26/06/2018 09:13	Visual C# Source F	7 KB	
 SagePayNotificationPage.ashx	27/06/2018 12:43	ASP.NET Generic ...	1 KB	
 web.config	27/06/2018 12:38	XML Configuratio...	1 KB	

CMS > CMSWebParts > SagePay				
Search SagePay				
Name	Date modified	Type	Size	
 SagePayOrderResult.ascx	26/06/2018 09:13	ASP.NET User Con...	1 KB	
 SagePayOrderResult.ascx.cs	26/06/2018 09:13	Visual C# Source F	3 KB	

NB: If using a web application, each ascx file should also have an associated ascx.designer.cs file.

5. CHECK *Payment methods* global inheritance within Store configuration:



Store settings

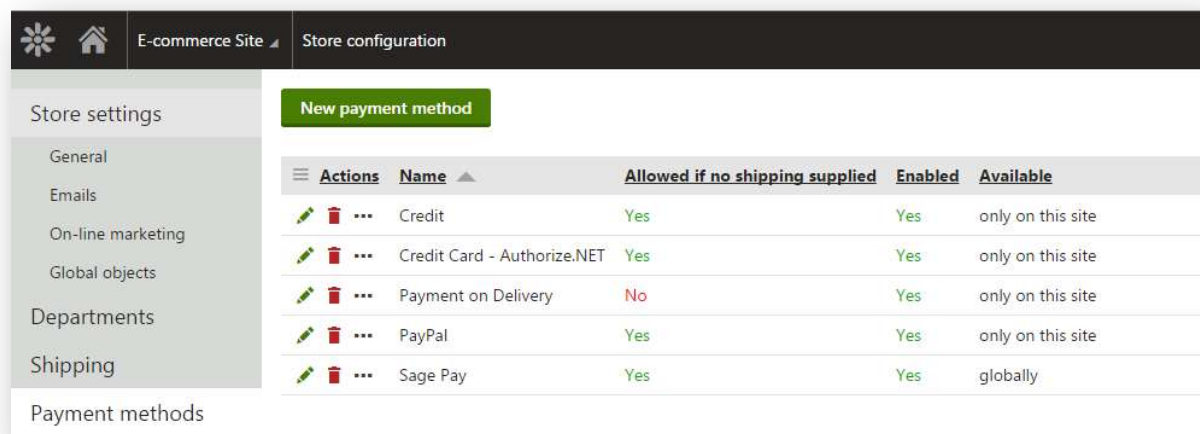
- General
- Emails
- On-line marketing
- Global objects**
- Departments
- Shipping
- Payment methods
- Tax classes
- Currencies
- Exchange rates
- Order status
- Public status
- Internal status
- Invoice
- Discount rules

Save

Allow global objects for

Products:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Product options:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Manufacturers:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Suppliers:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Product coupons:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Departments:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?
Payment methods:	<input checked="" type="checkbox"/> Inherit from global settings
	<input type="checkbox"/> ?

There should be a new Sage Pay payment method available, configure the shipping options to include this payment method:



Store settings

- General
- Emails
- On-line marketing
- Global objects
- Departments
- Shipping
- Payment methods**

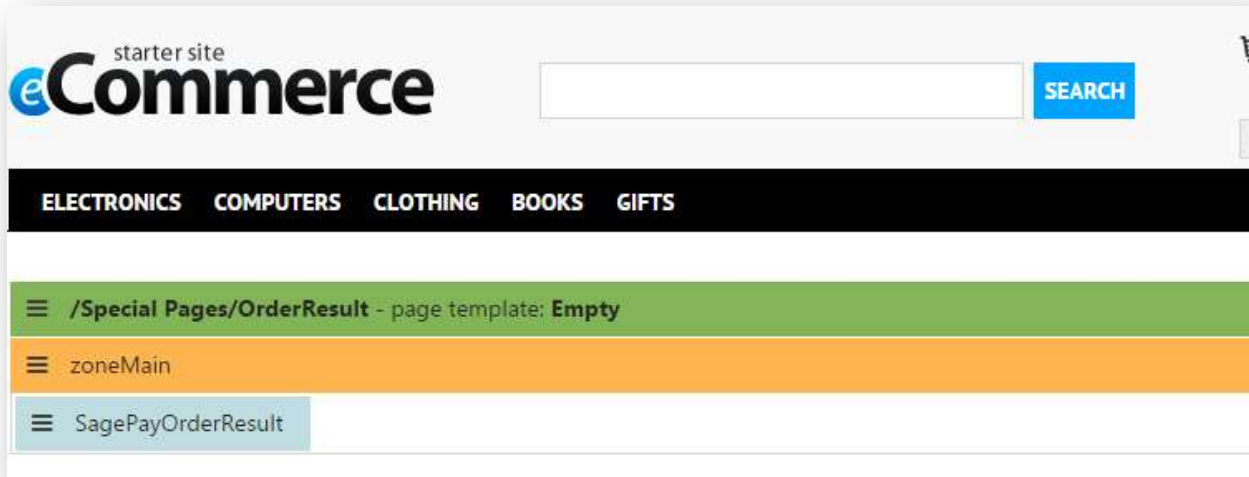
New payment method

Actions	Name	Allowed if no shipping supplied	Enabled	Available
...	Credit	Yes	Yes	only on this site
...	Credit Card - Authorize.NET	Yes	Yes	only on this site
...	Payment on Delivery	No	Yes	only on this site
...	PayPal	Yes	Yes	only on this site
...	Sage Pay	Yes	Yes	globally

B. Add/Update Pages for Sage Pay

1. ADD Sage Pay Order Result Page:

Here we have added a new page – OrderResult.aspx within Special pages section. This page will be referenced from the Sage Pay settings. We have added the SagePayOrderResult web part here. After Sage Pay notification post (see below), customers will be redirected to this page and the SagePayOrderResult web part will process the information and show a summary of the order.

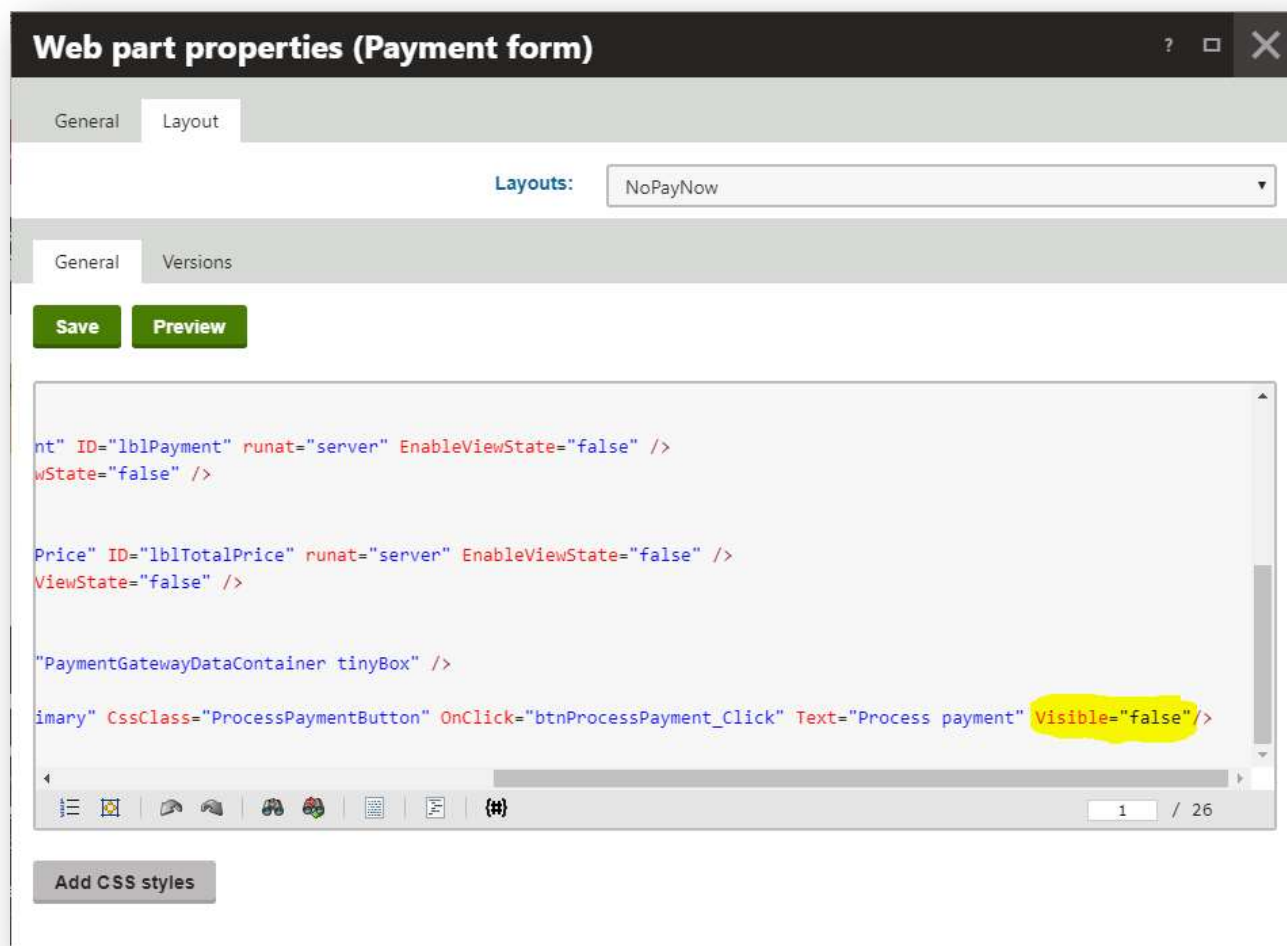


2. Sage Pay Notification Page

There is a second page used, which process the Sage Pay notification post. This page is located within the SagePay folder in the CMSModules folder. This page should be accessible from the internet on port 443 and is referenced from the Sage Pay settings. There is a web.config file at the same location, which disables user authentication. The website main domain name will be used to point to this page, so please make sure the domain name is configured correctly.

3. Payment Page

The default payment page includes a “Pay Now” button. This is used to redirect to external payment pages, however the SagePay Integration is already loaded on the same page within an iframe. This button has no function and should be hidden or removed. This can be achieved, for example, by editing the layout of the webpart and adding “Visible=”False”” to the button control.



C. Update Settings

1. Sage Pay Settings

- Open Settings application -> E-commerce -> Payment gateways -> Sage Pay
- You'll need to acquire a Sage Pay merchant account and use it in the Vendor Name. This is crucial; please contact Sage Pay if you don't have one already.
- Update the Notify URL – location of the Sage Pay Notification Page (B.2), make sure this is accessible from the internet using the site domain name.
- Set Order Result Page (B.1) correctly, please make sure this is accessible from the internet.
- Check Live Mode for Live site
- Check Token Mode which stores the customer card details in the Sage Pay servers and won't require the customer to enter card details for future payments; of course the customer can change cards.
- Proxy can be used if the Notification Page (B.2) cannot be accessed via a public IP/Domain name.

Site: (global)

Settings

- Content
 - URLs and SEO
- Security & Membership
- System
- On-line marketing
- E-commerce
 - Global objects
 - Payment gateways
 - Sage Pay
 - Authorize.NET
 - PayPal
- Community
- Social media
- Social marketing
- Intranet & Collaboration
- Versioning & Synchronization
- Integration

Save Reset these settings to default Export these settings

These settings are global, they can be overridden by individual website settings. Please see the documentation for more details.

General

Vendor Name:

Notify Url:

Order Confirmation Url:

Live Mode: ☐

Token Mode: ☐

Proxy Settings (Advanced)

Use Proxy: ☐

Proxy Page Url:

D. Updating from a previous version

- There is no longer a separate web part for the payment form, this is now handled by the default payment form web part in Kentico. The "SagePayPaymentForm" web part on your payment page should therefore be swapped for the standard "PaymentForm" web part. The "SagePayPaymentForm.ascx" and "SagePayPaymentForm.ascx.cs" located in "CMS\CMSWebParts\SagePay" may be deleted as they are no longer used.
- The code files that previously existed in "App_Code\Global\SagePay" have been moved to a separate assembly. The "App_Code\Global\SagePay" directory and all contents must be deleted from your website to prevent conflicts.
NB: In a Web Application, the directory "Old_App_Code\Global\SagePay" and contents should be deleted instead.
- The "SagePayNotificationPage.aspx" file in "CMS\CMSModules\SagePay" has been replaced with "SagePayNotificationPage.ashx". Please ensure the new file is present, and the web config located in the same folder has been updated to point to the new file. The old files can be safely removed.
- The "Payment gateway provider class" settings for the Payment Method have changed. Please ensure the settings in the Store Configuration application -> Payment Methods -> SagePay match the below

Store configuration > Sage Pay (global) (Payment method)

Save

General

Display name: Sage Pay

Code name: SagePay

Description: You can pay for your orders with a debit or credit card. For your protection, we use

Teaser image: Upload file

Allow if no shipping is supplied: ☒

Enabled: ☒

Payment gateway

Payment gateway URL: http://www.sagepay.com

Payment gateway provider class: SagePayKentico11

Assembly name: DiscoverIT.SagePay.SagePayGateway

Class:

Order status if payment succeeds: (none)

Order status if payment is authorized: (none)

Order status if payment fails: (none)

E. Troubleshooting

If Sage Pay not available during checkout

- Please make sure you have configured the Shipping method to include Sage Pay.

If *"Please wait while your transaction is authorised with the bank."* -is displayed for too long or *"Unable to redirect to Vendor's web site. The Vendor failed to provide a RedirectionURL"* - error shown:

- Sage Pay cannot call the Notification Page – please make sure the site domain name is configured for internet access and the same domain is currently used. Make sure you can access the page directly.

If a page is shown within the payment page after entering payment details:

- Please configure Sage Pay Order Confirmation Url property correctly and make sure you can access the page.

If the payment page is 1.Not loading correctly, or, 2.Showing "SPPF-CCC-NullProvider", or, 3.Object moved here

1. Go to E-commerce -> Store configuration -> Payment methods -> Sage Pay (edit)
2. Set Payment gateway provider class = App_Code in the Assembly name and SagePayGateway in Class.
3. Save and try checkout again

If after entering the card details, you see an error from Sage Pay

- Please make sure your settings are correct within Settings -> Ecommerce -> Payment options

For any other issues

- Always check the Event logs for errors
- Check Sage Pay Transactions table for any transaction related issues, most helpful columns are Status and Status Detail.