

# Kentico CMS-MailChimp WebPart

## Introduction:

Kentico MailChimp WebPart provides user a medium to communicate with other user by sending email. A user can send email to everyone on a particular contact list, every time user wants to send and the user has the facility to add new receiver to contact list. It is very successful communication medium between the sender and receiver. Kentico-MailChimp WebPart is well compatible with **Kentico CMS 6.0, 7 and. Net framework 4.0.**

## Key Point



Here we are not using Kentico CMS Database. We are integrating MailChimp tools for sending MailChimp campaign using asp.net. So all the information storing, retrieving and the removing is done through MailChimp. This WebPart is used as a bridge to connect MailChimp.

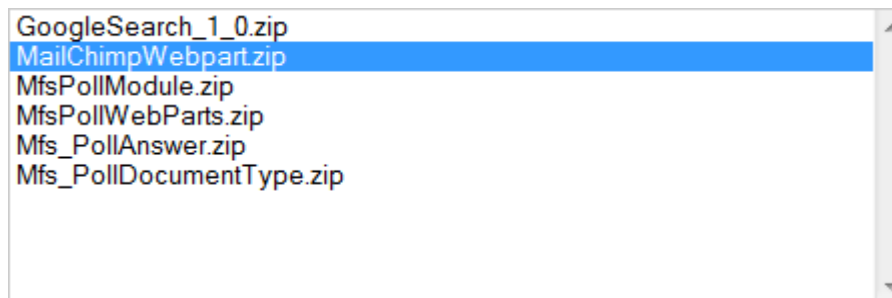
## Steps to import Kentico-MailChimp WebPart and zip files.

### Import WebPart

There are some folders within the zip file **Kentico-MailChimp WebPart**. First we will import the WebPart for this MailChimp email System.

### Steps to Import the WebPart

Go to the site manager click on the  [Import site or objects](#) link then go for the  [Upload package](#) link and browse the **MailChimpWebpart.zip** file select it and click next.



In the next step you will find **All objects** tab and in the right side **Import Settings** tab as follows

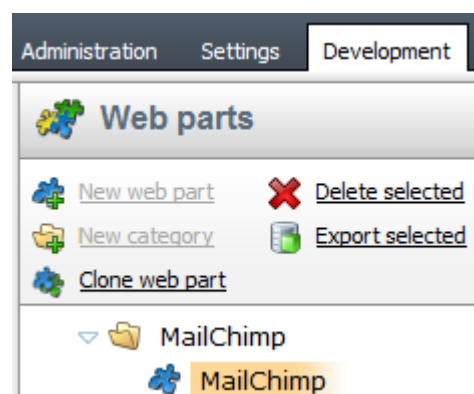
### Import settings

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

Then expand **Global objects** -> **Development** -> **Web parts** and in the right side you will get the **Web parts** tab select the import object and click Next and at last click Finish button after execution.



Then go to the **Development** tab of **CMSSiteManager** then **Web parts**, you can get the import web part. Go to the Kentico CMS project folder and find **MailChimp** folder under the **CMSWebParts**.

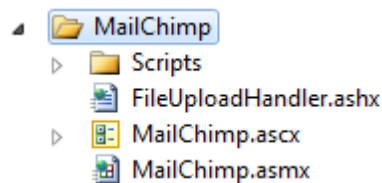


### *Add Webservice for webpart*

Go to the Kentico CMS project folder and refresh **CMSWebParts** folder and then you will find a folder called **MailChimp**. Now copy **MailChimp.asmx** file from **MailChimpWebService** folder and paste inside **MailChimp** webpart and copy **MailChimp.cs** file and paste inside **App\_Code** of Kentico CMS project folder.

### *Add FileUploadHandler class*

Copy the **FileUploadHandler.ashx** file from **MailChimpFileHandler** folder and paste inside **MailChimp** folder of **CMSWebParts**(at Kentico CMS project folder ).



### *API Wrappers & Tools*

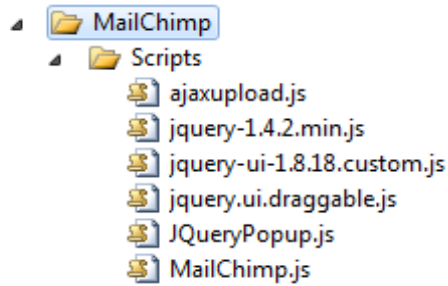
Copy the DLL files from **MailChimpAPIWrappers** folder under the **MailChimp Webpart** folder and paste inside the bin folder of Kentico CMS project folder and after that build the project once.

### *Add Required Key&Value at web.config*

Open web.config file of Kentico CMS website and copy the required key and values from “Required Key&Value.txt” placed in the documentation folder of MailChimp WebPart and paste into your web.config file.

### *Add Plugins*

Now unzip the **Plugins.zip** file under the **MailChimp WebPart** folder and copy the **Scripts** folder and paste inside **MailChimp** folder of **CMSWebParts**(at Kentico CMS project folder ).



### *Required images*

Go to the Kentico CMS project folder, choose **App\_Themes-> Default-> Images-> Design->Controls**. Make an image folder name it **MailChimp** then copy all images from the **Images** folder of MailChimp WebPart to this **MailChimp** folder.

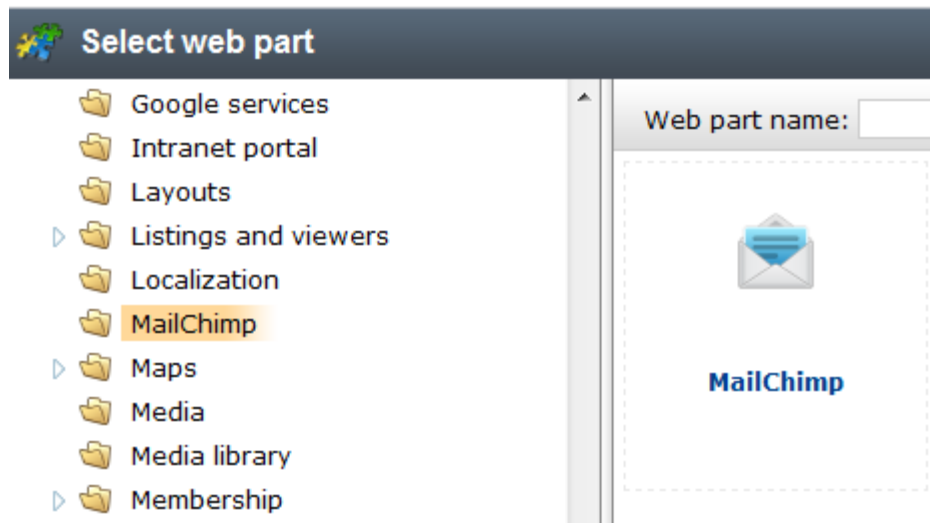
#### **Note:**

#### **For Kentico 7:**

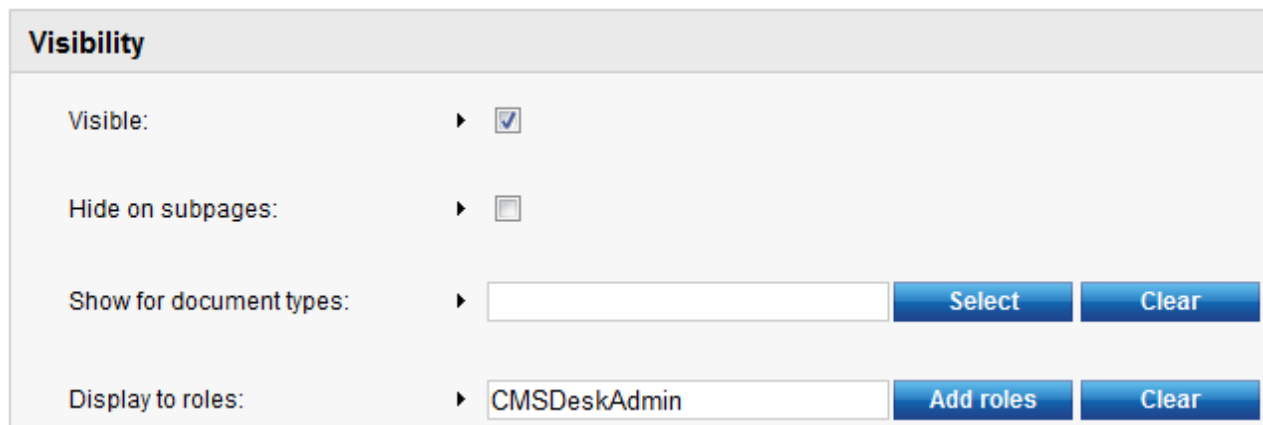
Go to the Kentico CMS project folder choose **App\_Themes-> Default-> Images**. Inside that **Images** folder create folder structure **Design->Controls->MailChimp** then copy all images from the **Images** folder of MailChimp **WebPart** to this **MailChimp** folder.

### *Add MailChimp WebPart to Page*

Now go to the CMS Desk add a WebPart by clicking on the **+** symbol. Now choose the WebPart **MailChimp**.

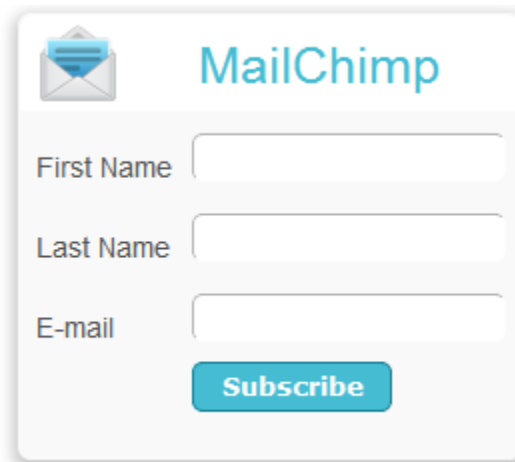


After that **Web part properties (MailChimp)** window will open. At the **Visibility** property one can specify whether the WebPart is visible to everyone or to Authenticated Users or to Administrator only as per requirement to use this WebPart and save it.

The image shows the 'Visibility' property window for the MailChimp web part. It has a title bar 'Visibility'. Below it, there are four sections: 'Visible:' with a checked checkbox, 'Hide on subpages:' with an unchecked checkbox, 'Show for document types:' with an empty text box and 'Select' and 'Clear' buttons, and 'Display to roles:' with 'CMSDeskAdmin' in the text box and 'Add roles' and 'Clear' buttons.

(As in the above figure the WebPart is visible to the CMSDesk Administrator only)

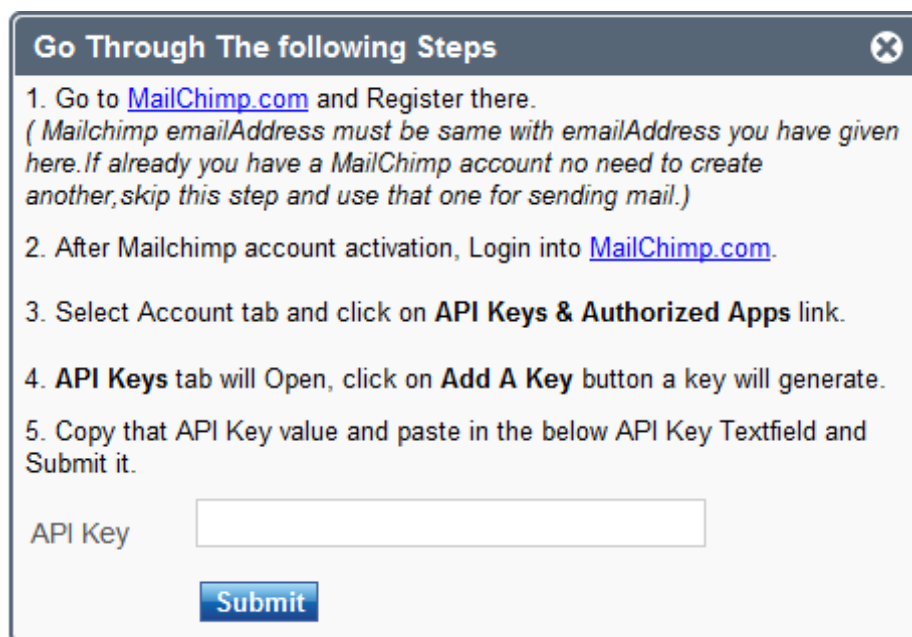
Then go to the page section you will see the WebPart is looking like this.



The MailChimp WebPart is a light gray rounded rectangle. At the top left is a blue envelope icon. To its right is the 'MailChimp' logo in blue. Below the logo are three input fields: 'First Name', 'Last Name', and 'E-mail'. Each field has a light gray border and a small blue 'x' icon on the right. Below the 'E-mail' field is a blue 'Subscribe' button with white text.

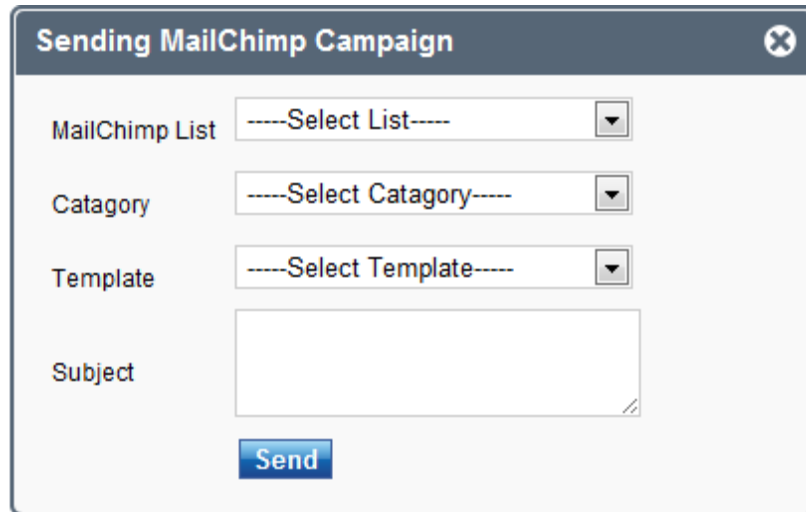
### *How this MailChimp Does Works*

As you saw the MailChimp WebPart is looking like a form to enter the details of Name and E-mail address. Just provide your name, e-mail address (User who is using) and click on the **Subscribe** button. A popup will open with some instructions. Just follow the instruction and copy the **API Key** value from your [MailChimp account](#) and paste to **API Key** value textbox.



The popup has a dark gray header with the title 'Go Through The following Steps' and a close button (X). The body contains five numbered steps: 1. Go to [MailChimp.com](#) and Register there. (Mailchimp emailAddress must be same with emailAddress you have given here. If already you have a MailChimp account no need to create another, skip this step and use that one for sending mail.) 2. After Mailchimp account activation, Login into [MailChimp.com](#). 3. Select Account tab and click on **API Keys & Authorized Apps** link. 4. **API Keys** tab will Open, click on **Add A Key** button a key will generate. 5. Copy that API Key value and paste in the below API Key Textfield and Submit it. Below the steps is an 'API Key' label, a text input field, and a blue 'Submit' button.

After providing **API Key** value click on the **Submit** button. A popup will open for Sending Mail.

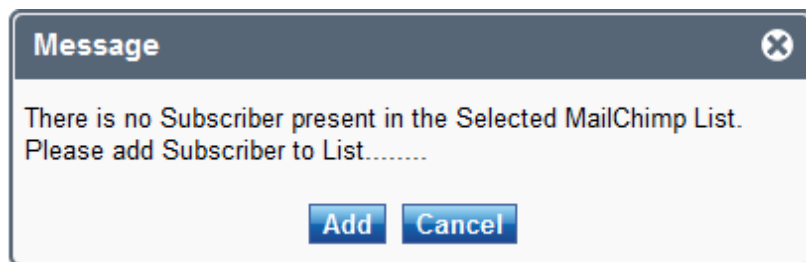


The dialog box titled "Sending MailChimp Campaign" contains the following fields and controls:

- MailChimp List:** A dropdown menu with the text "----Select List----".
- Category:** A dropdown menu with the text "----Select Category----".
- Template:** A dropdown menu with the text "----Select Template----".
- Subject:** A text input field.
- Send:** A blue button located below the Subject field.

Select a list from the **MailChimp List** dropdown (Lists which you have created at MailChimp account. If you have not created any List then it will not display any list. So create some Lists at MailChimp account.). In the next step select **Category** (which are by default present at MailChimp) and then select **Template** whatever you want to send. Lastly enter the subject for sending mail and click on **Send Mail** button.

If there is no subscriber present in the MailChimp List, it will show a message like

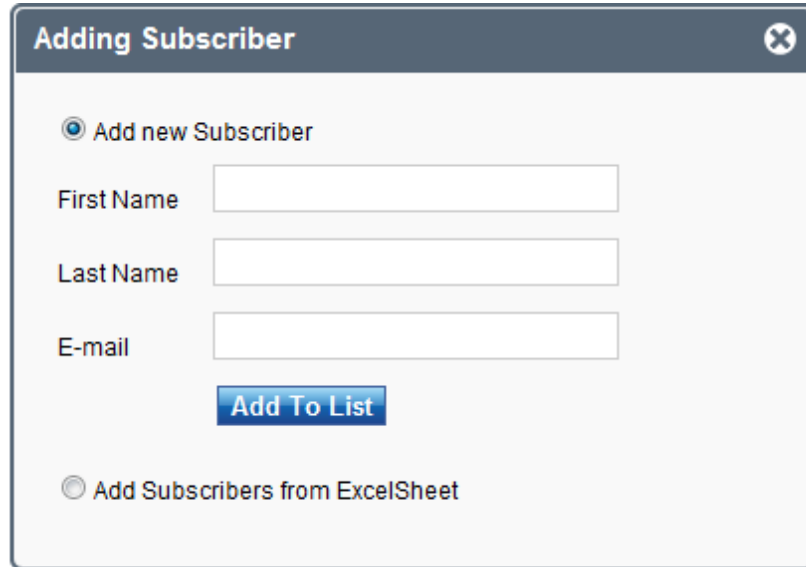


The dialog box titled "Message" contains the following text and controls:

There is no Subscriber present in the Selected MailChimp List.  
Please add Subscriber to List.....

**Add** **Cancel**

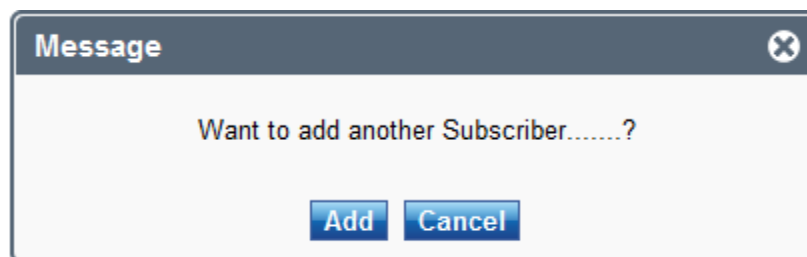
Click on the **Add** button it will open a popup for Adding Subscriber with options whether you want to add Subscriber by providing the Subscriber details or want to add Subscribers List by uploading Excel Sheet. The popup will be looking like



The dialog box is titled "Adding Subscriber" and has a close button (X) in the top right corner. It contains two radio buttons: "Add new Subscriber" (selected) and "Add Subscribers from ExcelSheet". Below the "Add new Subscriber" option are three text input fields labeled "First Name", "Last Name", and "E-mail". Below these fields is a blue button labeled "Add To List".

If you want to choose the **Add new Subscriber** option then provide the subscriber details and click on the **Add To List** button. It will display a Window alert "**Subscriber has been added successfully**" to selected MailChimp List.

After clicking on the Ok button it will show another message whether you want to add another Subscriber.



The dialog box is titled "Message" and has a close button (X) in the top right corner. It contains the text "Want to add another Subscriber.....?". Below the text are two blue buttons labeled "Add" and "Cancel".

If you want to add another Subscriber then click **Add** button. It will open Adding Subscriber popup again.

If you want to choose the **Add Subscribers from ExcelSheet** option then



Adding Subscriber

☐ Add new Subscriber

☒ Add Subscribers from ExcelSheet

Browse

Add To List

Upload an Excel file (.xls or .xlsx file) which contains the Subscriber List with email address and name details.

The screenshot shows the OpenOffice.org Calc application window titled 'MailList.xls'. The menu bar includes File, Edit, View, Insert, Format, Tools, Data, Window, and Help. The toolbar contains various icons for file operations, editing, and formatting. The spreadsheet has columns A, B, and C. Column A contains email addresses, column B contains first names, and column C contains last names. The formula bar shows the formula '=A2+B2+C2'.

	A	B	C	D	E
1	Email	FirstName	LastName		
2	arunimap@mindfiresolutions.com	Arunima	Panda		
3	rajashreep@mindfiresolutions.com	Rajashree	Pradhan		
4	sudhansup@mindfiresolutions.com	Sudhansu Sekhar	Prusty		
5	santoshs@mindfiresolutions.com	Santosh	Samal		
6					
7					

(The columns must be same as given MailList.xls file)

Click on **Add to List button** to add Subscribers to MailChimp List. It will display a Window alert "**Your SubscriberList has been added successfully**" to selected MailChimp List.

After click on Ok button the Sending Mail popup will open. Again choose the Category and Template from dropdown and write the Subject and Send it. It will display a Window alert "Your Mail has been sent successfully to all Subscribers of" selected MailChimp List.

**Note:-**

Before uploading .xlsx file (which contains the Subscriber List) to MailChimp List, just check whether “Microsoft **Access database engine**” is installed in your system or not. If not installed in the system then download **AccessDatabaseEngine.exe** from <http://www.microsoft.com/en-us/download/details.aspx?id=13255> and install it.

**Conclusion:**

The MailChimp WebPart is compatible with **Kentico CMS 6.0, 7 and .Net Framework 4.0 and above**. Please provide your feedback to [info@mindfiresolutions.com](mailto:info@mindfiresolutions.com).

*Mindfire Solutions has deep experience in developing Kentico WebPart and provided [Kentico CMS solution](#). We will be glad to share our expertise in detail with you. To learn about our Kentico CMS expertise and services please visit [Kentico Development Services](#).*