

Stock Chart

Web Part

Enterprise Version

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Version 1.0

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Description

The Stock Chart Web Part displays the specific Stock Charts provided by Yahoo Finance.

Multiple Stock Chart Web Parts can be placed on the same page.

The Web Part can be used with Windows Sharepoint Services V3, MOSS and Sharepoint 2010.

You can configure the following web part properties:

- the stock symbols to watch
- the size of the chart (width and height)
- the range of days to be displayed.
- to overlay a comparison with the Dow Jones Index

Clicking on the chart leads you to the related MSN Money Central page for more information on the selected stock.

Prerequisites

Before you attempt to install the solutions you need to make sure that you have the following installed on your server(s):

- Windows SharePoint Services 3.0, Microsoft Office SharePoint Server 2007 or Sharepoint 2010

Installation

Manual Installation

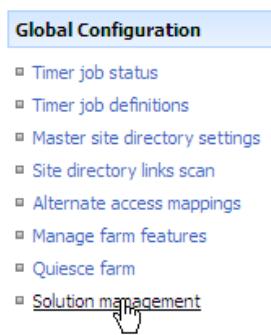
1. download and unpack the AEStockChartWebpart.zip file.
The ZIP archive contains the StockChartWebpart.dll and the AEStockChart.webpart files.
2. drop the DLL into the GAC of your Sharepoint server (c:\windows\assembly).
3. add the following line to the "<SafeControls>" section of your Web.Config file.
Please make sure that the line is added as one single line (no line breaks):

```
<SafeControl Assembly="StockChartwebpart, version=1.0.0.0, culture=neutral, PublicKeyToken=c0a4beab3e056152" Namespace="StockChartwebpart" TypeName="*" Safe="True" />
```
4. from the top site go to "Site Actions/Site Settings/Modify All Site Settings/Galleries/Web Parts"
5. use the "Upload" menu option to upload the AEStockChart.webpart file.

Automatic Installation

1. Unpack the **AEStockChartWebpart.wsp** and **Install.bat** files from the Zip Archive and place the 2 files onto your Sharepoint Server.
2. Add the Solution by either running **Install.bat** (**install2010.bat** for Sharepoint 2010) or by manually entering:

```
stsadm -o addsolution -filename AEStockChartwebpart.wsp
```
3. Deploy the solution by navigating with your browser to “Central Administration->Operations->Solution Management”:



You should now see the **AEStockChartWebpart.wsp** in the farm's solution store:

A screenshot of the 'Solution Management' page in SharePoint Central Administration. The page title is 'Solution Management'. Below it, a message says 'This page has a list of the Solutions in the farm.' A table lists the following solutions:

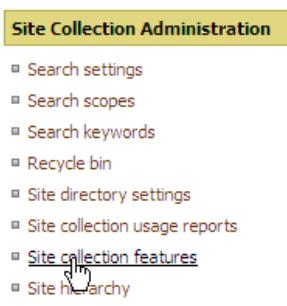
Name	Status	Deployed To
aelistviewwebpart.wsp	Deployed	http://ae24:1256/...
aemediaplayerwebpart.wsp	Deployed	http://ae24:1256/...
aepodcastwebpart.wsp	Deployed	http://ae24:1256/...
aestockchartwebpart.wsp	Not Deployed	None
aestockquotewebpart.wsp	Deployed	http://ae24:1256/...

Click on "**AEStockChartWebpart.wsp**" to deploy the solution:

A screenshot of the 'Solution Properties' page for the 'aestockchartwebpart.wsp' solution in SharePoint Central Administration. The page title is 'Solution Properties'. At the top, there are three buttons: 'Deploy Solution' (highlighted with a mouse cursor), 'Remove Solution', and 'Back to Solutions'. The solution details are listed below:

Name:	aestockchartwebpart.wsp
Type:	Core Solution
Contains Web Application Resource:	Yes
Contains Global Assembly:	Yes
Contains Code Access Security Policy:	No
Deployment Server Type:	Front-end Web server
Deployment Status:	Not Deployed
Deployed To:	None
Last Operation Result:	No operation has been performed on the solution.

4. Proceed to activate the feature by navigating to the “Site Actions/Site Settings” page in your top-level site:



Choose “Site collection features” to navigate to the Site Collection Features page:

The screenshot shows the "Site Collection Features" page under "Site Settings". It lists three features: "AddNumbers" (Active), "AE MSN Stock Charts" (Inactive), and "AE Birthday Web Part" (Active). The "Activate" button for "AE MSN Stock Charts" is highlighted with a cursor.

Name	Status
AddNumbers	Active
AE MSN Stock Charts	Inactive
Displays selected stock charts provided by MSN Money Central	
AE Birthday Web Part	Active
Displays upcoming Birthdays and Anniversaries	

Activate the “AE MSN Stock Charts” feature

Adding the Web Part to a Page

Navigate to a page where you would like to place the web part and choose "Site Actions/Edit Page"

1. Add the web part to the appropriate zone. The web part is listed in the "Amrein Engineering" gallery section :

The screenshot shows the "Add Web Parts" dialog box. Under the "Amrein Engineering" section, the "AE MSN Stock Charts" web part is selected (indicated by a checked checkbox). Other available web parts include "AE Birthday List", "AE Dummy Test Web Part", "AE Employee Directory", "AE Media Player", "AE MSN Stock Quotes", and "AE Picture Slideshow".

Add Web Parts -- Websitetendialog
Test
Add Web Parts to Top

All Web Parts

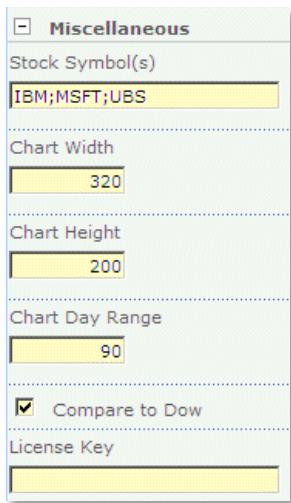
Amrein Engineering

- AE MSN Stock Charts
Displays selected stock charts provided by MSN Money Central
- AE Birthday List
Displays upcoming Birthdays and Anniversaries
- AE Dummy Test Web Part
for test purposes..
- AE Employee Directory
Displays Employee information from a Sharepoint List
- AE Media Player
Displays Media files from the selected Sharepoint Document Library (by Amrein Engineering)
- AE MSN Stock Quotes
Displays user selected stock quotes provided by MSN Money Central
- AE Picture Slideshow
Displays picture slide show from a Sharepoint Picture Library

Advanced Web Part gallery and options

Add Cancel

2. Configure the following Web Part properties in the Web Part Editor "Miscellaneous" pane section as needed:



- **Stock Symbol(s):** enter one or more stock symbols, separated by semicolons.
You can look up the available stock symbols on the [Yahoo Finance](#) web site.

You can also request a stock index as eg.

\$FTSE (FTSE 100)
\$NYA.X (NYSE Composite Index)
\$INDU (Dow Jones Industrial Average Index)
\$COMPX (NASDAQ Composite Index)
\$INX (S&P 500 Index)
\$RUI.X (Russell 1000 Index)
\$JP:N225 (Nikkei Index)
\$US:HSI (Hang Seng)
etc.

Local Exchange stock Chart usually have a country prefix as eg.

GB:EZJ (EasyJet/London Exchange)
DE:MUK (Bayerische Gewerbebau AG/Frankfurt Exchange)

- **Chart Width:**
enter the stock chart width in pixels
- **Chart Height:**
enter the stock chart height in pixels
- **Chart Day Range:**
enter the number of days that the chart should span
- **Compare to Dow:**
overlay the Dow Jones index (in red color) as a comparison value
- **License Key:**
enter your Product License Key (as supplied after purchase of the Enterprise license).
Leave this field empty if you are using the free evaluation version or if you choose one of the License Activation described below.

License Activation

You have the following 3 options to enter your License Key:

1. Enter the License Key into the corresponding “License Key” field in the web part configuration pane (See Description above).
2. **WSP Solution Deployment:**
Add the **License.txt** file (as supplied by AMREIN ENGINEERING after having purchased a license) to the Solution at the following location:

```
c:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\template\features\  
StockChartWebpart
```

3. **Manual Deployment:**
Add the License Key to your web.config (typically found at c:\inetpub\wwwroot\wss\virtualdirectories\80) **<appSettings>** section as follows:

```
<appSettings>  
<add key="AESC" value="AESC-x-xxxxx-xxxxx-xx-xx" />  
</appSettings>
```

Replace the “x” characters with your actual key values.

Please note that this method requires you to manually add the key to each Sharepoint application.