

The system can also display rating controls in [transformations](#). Place the following code in your transformation, ensuring that the `~/CMSAdminControls/ContentRating/RatingControl.ascx` control is displayed along with the transformed item:

```
<%@ Register Src="~/CMSAdminControls/ContentRating/RatingControl.ascx" TagName="
RatingControl" TagPrefix="cms" %>

<cms:RatingControl ID="elemRating" runat="server" Enabled="true" RatingType="Stars"
ExternalValue='
<%# Convert.ToString(CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatingValue"), 0)/((CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatings"), 0) == 0?1:CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatings"), 1))) %>' />
```

## Rating control properties

With this control, you can use similar properties as with the **Content rating** web part:

| Property name            | Property type | Description  |
|--------------------------|---------------|--|
| Enabled                  | bool          | Indicates if rating is possible via the control. If disabled, the control is visible but rating is not possible. |
| CheckPermissions         | bool          | The same as the <b>Check permissions</b> web part property.  |
| HideToUnauthorized Users | bool          | The same as the <b>Hide to unauthorized users</b> web part property.   |
| CheckIfUserRated         | bool          | The same as the <b>Check if user rated</b> web part property.  |
| AllowForPublic           | bool          | The same as the <b>Anonymous users can rate</b> web part property.   |
| ErrorMessage             | string        | The same as the <b>Error message</b> web part property.  |
| MessageAfterRating       | string        | The same as the <b>Message after rating</b> web part property.   |
| ResultMessage            | string        | The same as the <b>Result message</b> web part property.   |
| ShowResultMessage        | bool          | The same as the <b>Show result message</b> web part property.  |
| RatingType               | string        | The same as the <b>Rating type</b> web part property.  |
| ExternalValue            | string        | Similar as the <b>Rating value</b> property.   |
| MaxRatingValue           | int           | The same as the <b>Max rating value</b> property.  |

Ratings submitted via this control are added to the ratings of the currently displayed page, just as if rated using the **Content rating** web part.



You can use the content rating and other controls only in transformations of the **ASCX** type. The rating control is not rendered correctly by other transformation types.

## Example - Adding news ratings

The following example demonstrates how you can add the rating control to your pages via transformations. The example uses the sample **Corporate site**. You will learn how to add the rating functionality to news items displayed in the **News** section. You can achieve a similar result with the **Content rating** web part, as described in [Using the Content rating web part](#).

1. Open the **Pages** application.
2. Select the **News** page in the content tree.
3. View the page on the **Design** tab and configure (double-click) the **NewsRepeater** web part.
4. In the web part properties dialog, add *DocumentRatings* and *DocumentRatingValue* columns to the **Columns** field in the **Content filter** category.
5. In the web part properties dialog, click **Edit** next to the **Selected item transformation** property in the **Transformations** category.
6. Switch the **Transformation type** to **ASCX**.
7. Replace the original transformation with the following code:

```
<%@ Register Src="~/CMSAdminControls/ContentRating/RatingControl.ascx" TagName="
RatingControl" TagPrefix="cms" %>

<div class="newsItemDetail">
    <h1>
        <%# Eval("NewsTitle") %></h1>
    <div class="NewsSummary">
        <%# IfEmpty(Eval("NewsTeaser"), "", GetImage("NewsTeaser")) %>
        <div class="NewsContent">
            <div class="Date">
                <%# GetDateTime("NewsReleaseDate", "d") %></div>
            <div class="TextContent">
                <%# Eval("NewsSummary") %></div>
            </div>
            <div class="Clearer">&nbsp;</div>
        </div>
        <div class="NewsBody">
            <div class="TextContent">
                <%# Eval("NewsText") %></div>

        <cms:RatingControl ID="elemRating" runat="server" Enabled="true" RatingType="
Stars" ExternalValue='
            <%# Convert.ToString(CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatingValue"), 0)/((CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatings"), 0) == 0?1:CMS.Helpers.ValidationHelper.GetDouble(Eval
("DocumentRatings"), 1))) %>' />

        </div>
    </div>
```

8. Save the changes.

If you now open the live site, browse to the **News** section, and display the details of a news item, you can see the rating control is present below the news text.