



## Layout Modules

---

This chapter provides an overview of the various layout modules and their functions.

- [Overview of the Layout Modules](#)
- [Various Layout Modules](#)

### Overview of the Layout Modules

The layout modules enable you to control the layout of your site. The Grid Layout module helps you to create tabular or multi-column layout for your mobile site. You can also configure to display content differently on landscape mode using the Landscape Takeover module.

### Various Layout Modules

This section provides detailed description of the following layout modules:

- [Grid Layout \(Multi Column Container\), page 7-2](#)

[Send documentation comments to emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)

## Grid Layout (Multi Column Container)

The Grid Layout (Multi Column Container) module enables you to create columns in your site page. You can drag and drop other modules such as Text and Image modules in to this columns. You can define the number of columns. By default, the columns that you create will be equally spaced based on the screen width of the device. You can use this module to create menu bars or section headers that use images or text.

This module is useful when you create a tabular/multi-column layout for your mobile site. You may want a horizontal, equally spaced display of a set of images or textual content on your site. The Multi Column Container module enables you to create a tabular layout for your mobile content.

The Grid Layout module offers the following use cases:

- Display text or image modules in a horizontal/column layout.
- Display text or image modules with individual styling parameters.
- Create a sticky image or content at the top of the device screen.

### Configuring the Grid Layout Module

To configure the Grid Layout module, perform the following steps:

- 
- Step 1** In the Modules panel, enter **Grid Layout**. The Grid Layout module appears in the Modules panel.
- Step 2** Drag and drop the **Grid Layout** module into the Canvas.
- Step 3** Drag and drop the required modules into the **Grid Layout** module.
- Step 4** In the edit panel of each module, specify the required values in the respective fields, and click **Save**.
- Step 5** In the edit panel of the **Grid Layout** module, specify the required values in the respective fields.
- Step 6** Click **Save**.
- 



**Note**

This container cannot be used to display dynamic content that needs to be refreshed at set intervals.

---



**Note**

The Multi Column Container does not appear on a mobile Web page if no module is added to it. Also, the column layout of modules included within this container can be viewed only during run time.

---



**Note**

This module can be used only for web sites.

---

***Send documentation comments to [emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)***

## Grid Layout Properties

### Main Properties

The Main properties enable you to specify the basic properties of this module. The following is the list of Grid Layout Main properties..

**Table 7-1 Main Properties**

Property	Description
Number of Columns	<p>The number of columns that you want to create.</p> <p>The columns that you create are equally spaced based on the screen width of the rendering device. For example, if the screen width is 320px, two columns equally takes the size of approximately 160 px each (without margin and padding).</p> <p>Therefore, if you are using the Image module within the Multi Column Container, ensure that you upload images that are proportionate to the width of the columns in which they are to be shown. In this way, white space within the column can be avoided.</p>
Make columns equal in width	<p>The values in percentage in the boxes provided to set varying width.</p> <p>This is selected by default to keep all columns equal in width.</p>
Column number against the width of that column in percentage	<p>You can add the column number and the width required for the column. You can add columns using the +Add button.</p>

***Send documentation comments to [emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)***

## Layout Properties

The Layout properties enable you to specify the layout details for the module. The following is the list of Layout properties.

**Table 7-2 Layout Properties**

Property	Description
Vertically Align Container Modules	The vertical alignment for the container widgets.
Set fixed position (Touch)	<p>To fix the container module to the top of the page where it is configured. This option applies only for touch devices.</p> <p>We recommend the following while selecting the Fix to top option:</p> <ul style="list-style-type: none"> <li>• If you configure multiple Multi Column containers on the same page, select the Fix to top option in only one of the container modules.</li> <li>• If you configure a Multi Column Container module with the Fix to top option, place that container module in the page header. Ensure that it is above all modules in the header area.</li> </ul>

## Background Properties

The background properties enable you to specify the background properties for the grid layout. The following is the list of Grid Layout Background properties..

**Table 7-3 Background Properties**

Property	Description
<b>Overall background options</b>	
Background color	The background color for the area where the grid layout appears.
Background Image Option	<p>Add Background Image (Touch)—To add an image as background for touch mode. You can add the image using the Upload Image option.</p> <p>Add Background Image (Non-Touch)—To add an image as background for non-touch mode. You can add the image using the Upload Image option.</p> <p>Repeat Horizontally only—To repeat the background image horizontally only.</p>
<b>Cell Background Options</b>	

[Send documentation comments to emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)

**Table 7-3 Background Properties**

Property	Description
Background Color	The color that you want to use as the background for individual cells.
Background Image Option	<p>Add Background Image (Touch)—To add an image as background for individual cells for touch mode. You can add the image using the Upload Image option.</p> <p>Add Background Image (Non-Touch)—To add an image as background for individual cells for non-touch mode. You can add the image using the Upload Image option.</p> <p>Repeat Horizontally only—To repeat the background image for individual cells horizontally only.</p>

## Border Properties

The border properties enable you to specify the border properties for the Grid Layout. The following is the list of Grid Layout Border properties..

**Table 7-4 Border Properties**

Property	Description
<b>Overall border options (outer Border)</b>	
Border Color	The border color for the Grid Layout.
Stroke Weight (Px)	The weight for the border line.
Top corner-radius (Px) (Touch)	The value to apply a rounded corner effect to the top corners.
Bottom corner-radius (Px) (Touch)	The value to apply a rounded corner effect to the bottom corners.
<b>Border options for every Cell</b>	
Border Color	The color that you want to use for the border of every cell.
Stroke Weight (Px)	The weight for the border line of the individual cells.
Top corner-radius (Px) (Touch)	The value to apply a rounded corner effect to the top corners of the individual cell.
Bottom corner-radius (Px) (Touch)	The value to apply a rounded corner effect to the bottom corners of the individual cell.

***Send documentation comments to [emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)***

## Separators Properties

The Separators properties enable you to specify the details for separators. The following is the list of Grid Layout Separators properties.

**Table 7-5 Separator Properties**

Property	Description
Left vertical separator color	The color for the left vertical separator lines
Stroke Weight (Px)	The thickness for the left separator line.
Line Style	The line style for the left vertical separator. The options available are Solid, Dotted or Dashed.
Right vertical separator color	The color for the right vertical separator lines.
Stroke Weight (Px)	The thickness for the right separator line.
Line Style	The line style for the right vertical separator. The options available are Solid, Dotted or Dashed.

## Padding and Margin Properties

The padding and margin properties enable you to specify the padding and margin values. The following is the list of Grid Layout Padding and Margin properties.

**Table 7-6 Padding and Margin Properties**

Property	Description
Overall Cell Spacing (Px)	The space that you want to leave between the outer border and the module boundary.
<b>Padding for every cell</b>	
Padding (Px) (Touch)	The space between the content boundary and the module boundary for touch mode.
Padding (Px) (Non-touch)	The space between the content boundary and the module boundary for non-touch mode.
Margin (Px) (Touch)	The space between the module boundary and the sides of device screen for touch mode.
Margin (Px) (Non-touch)	The space between the module boundary and the sides of device screen for non-touch mode.

***Send documentation comments to [emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)***

***Send documentation comments to [emsp-docfeedback@cisco.com](mailto:emsp-docfeedback@cisco.com)***