



## WiFi Engage Modules

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

- [Overview of the WiFi Engage Modules](#)
- [Various WiFi Engage Modules](#)
- [WiFi Engage V2 Module Group](#)

### Overview of the WiFi Engage Modules

The WiFi Engage modules refer to those modules that are meant for enhancing the portals created using the WiFi Engage application. These modules are exclusively for the WiFi Engage portals. You can customize many features in the portal using the Enterprise Mobility Services Platform Studio that is not possible through the WiFi Engage application. In addition, you can add Studio modules to the captive portal to enhance the portal.

To view a WiFi Engage portal in the same format in the Enterprise Mobility Services Platform Studio, you must drag and drop all the modules that are added to the portal into the canvas.

### Various WiFi Engage Modules

This section provides the detailed description of the following WiFi Engage modules:

- [WiFi Engage Branding, page 15-2](#)
- [WiFi Engage Connector, page 15-4](#)
- [WiFi Engage Menu, page 15-6](#)
- [WiFi Engage Notice, page 15-9](#)
- [WiFi Engage Promos and Offers, page 15-11](#)
- [WiFi Engage Welcome Message, page 15-14](#)

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## WiFi Engage Branding

The WiFi Engage Branding module enables you to use the Enterprise Mobility Services Platform Studio to enhance the branding in the portals created using WiFi Engage. You can position the WiFi Engage Branding module anywhere in a page based on your requirement. For brands in the text format, you can set the font properties of the text like font color, font size, and font family. You can also define where the brand text is to be positioned within the WiFi Engage Branding module. For brand images, you can specify the image height and position. In addition, you can add background color or background image and set the properties for the background.



**Note**

This module is available only for Enterprise Mobility Services Platform Studio.



**Note**

You can use this module only to enhance the portals created in the WiFi Engage dashboard.

## Configuring the WiFi Engage Branding Module

To configure the WiFi Engage Branding module, perform the following steps:

- Step 1** In the Modules panel, type **WiFi Engage Branding**. The WiFi Engage Branding module appears in the Modules panel.
- Step 2** Drag and drop the WiFi Engage Branding module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.



**Note**

Ensure that you have configured the WiFi Engage Connector in the page as the first module and specified the name of the portal that you want to edit. You must specify the same portal name you have defined when creating the portal in the WiFi Engage dashboard. When you drag and drop the WiFi Engage Branding module on to the canvas, the branding added for that portal in the WiFi Engage dashboard appears.

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## WiFi Engage Branding Properties

### Touch Version Properties

The Touch Version properties enable you to specify the branding properties.

These properties are applicable only if you uncheck the Custom Style Sheet check box in the WiFi Engage Connector. The following is the list of WiFi Engage Branding Touch Version properties..

**Table 15-1 Touch Version Properties**

Property	Description
<b>Text Styling</b>	This is applicable only for brands in text format. That is, only if you have chosen Text Only in the Brand Name module when creating the portal in the WiFi Engage dashboard.
Font Size	The font size for the brand text.
Font Color	The font color for the brand text.
Font Family	The font family for the brand text.
Image of Align	The position of the brand text within the module.
<b>Image Styling</b>	Applicable only for images. That is, only if you have chosen Logo in the Brand Name module when creating the portal in the WiFi Engage dashboard.
Image Height	The height required for the brand image.
Image of Align	The position where image is to be placed within the WiFi Engage Branding module.
<b>General Styling</b>	The background styling for brand in image or text.
Background Color	The background color for the WiFi Engage Branding module.
Upload background Image	To upload images as background. You can upload the image using the Upload Image button.
Background size	The size for the background image. <b>Cover</b> —The background image appears in its actual size. <b>Contain</b> —The background image adjusts itself to fit within the WiFi Engage Branding module.
Padding top	The space required at the top between brand (icon or text) and module border.
Padding bottom	The space required at the bottom between brand (icon or text) and module border.
Padding(right and left)	The space required on the sides (right and left) between brand and module borders.

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## WiFi Engage Connector

The WiFi Engage Connector module enables you to enhance the portals created using the WiFi Engage dashboard through the Enterprise Mobility Services Platform Studio. In the Enterprise Mobility Services Platform Studio, you can view a portal in the same format in which it is created in the WiFi Engage dashboard. You can enhance the portals using the modules available in the Enterprise Mobility Services Platform Studio. Using the Enterprise Mobility Services Platform Studio, you can rearrange the modules of a page that are static in the WiFi Engage dashboard. For example, you can move the welcome message to the center of a page.

In a page, if any Enterprise Mobility Services Platform Studio module requires the WiFi Engage properties like SSID or experience zone to function, then you need to configure the WiFi Engage Connector module on that page. When a user connects to an experience zone, the WiFi Engage Connector enables the dependent module to access the WiFi Engage properties. For example, to use the Context Aware Container module, the WiFi Engage Connector must be there in the page as the first module to apply the SSID, WiFi Engage Experience Zone, and WiFi Engage location properties.



**Note**

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This module is available only for the Enterprise Mobility Services Platform Studio.

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**Note**

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You can use this module only for web sites.

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## Configuring the WiFi Engage Connector Module

To configure the WiFi Engage Connector module, perform the following steps:

- Step 1** In the Modules panel, enter **WiFi Engage Connector**. The WiFi Engage Connector module appears in the Modules panel.
- Step 2** Drag and drop the module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.



**Note**

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Ensure that you configure the WiFi Engage Connector module as the first module in the page.

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## WiFi Engage Connector Properties

### Preview Properties

The Preview properties enable you to specify the details of the WiFi Engage portal that you want to modify using the Enterprise Mobility Services Platform studio.

When you are adding the WiFi Engage Connector module to a page to track the SSID, the WiFi Engage experience zone, or the WiFi Engage location to which the users are connected, specify the portal name associated with those experience zones.

The following is the list of WiFi Engage Connector Preview properties.

**Table 15-2 Preview Properties**

Property	Description
WiFi Engage Portal Id	The name of the WiFi Engage portal that you want to edit using the Enterprise Mobility Services Platform Studio or associated with the experience zone that you want to track.  <b>Tip</b> The name defined while creating the portal in the WiFi Engage application.
Custom Style Sheet	Enables you to view the portal in the same format as it is created in the WiFi Engage dashboard.
Show error message (If Cookie is disabled)	Shows the error messages if cookie is disabled in the user's system.
Content	The error message to be displayed if the cookie is disabled for the user.  <b>Note</b> Use the rich text area to format the error message.



**Note**

To view a WiFi Engage portal in the same format in the Enterprise Mobility Services Platform Studio, you must drag and drop all the modules that are added to the portal into the canvas.

### Advanced Section Properties

User may get error messages while connecting to an SSID. The following are some of the scenarios for which you get error messages: if the access point which the user is accessing through is missing from the location, or if the SSID is activated without configuring an experience zone. The Advanced Section Properties enable you to define the e-mail address to which such error messages are to be reported. You can also define the subject for the error message e-mails.

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The following is the list of WiFi Engage Connector Advanced Section properties.

**Table 15-3**      **Advanced Section Properties**

Property	Description
Support email	The e-mail address to which the errors are to be reported.
Support mail subject	Enables you to view the portal in the same format in which it is created in the WiFi Engage dashboard.

## WiFi Engage Menu

The WiFi Engage Menu module enables you to use the Enterprise Mobility Services Platform Studio to format the WiFi Engage Menus created using the WiFi Engage. You can position the WiFi Engage Menu module anywhere in the page based on your requirement.

When creating a portal in the WiFi Engage dashboard, you can add menus to the portal using the WiFi Engage modules (For example, Venue Map, Videos, Feedback). These menus can be linked to inner pages using the Enterprise Mobility Services Platform Studio modules. Using the WiFi Engage menu module, you can configure how these menus must appear in a portal page. The WiFi Engage Menu also contains inner pages for Venue Map, Videos, Get Internet, Get Apps, Custom Pages, and Feedback items that display the details of each item.

You can set the font properties of the menu captions like font color, font size, and font family. You can also hide the menu caption, if required. For menu icons, you can define the height.

You can set the background color, border color, border width, padding space, and margins for the body of the WiFi Engage Menu module, where all the menus appear.



### Note

This module is available only for the Enterprise Mobility Services Platform Studio.



### Note

You can use this module only to enhance the portals created in the WiFi Engage dashboard.

## Configuring the WiFi Engage Menu module

To configure the WiFi Engage Menu module, perform the following steps:

- Step 1** In the Modules panel, type **WiFi Engage Menu**. The WiFi Engage Menu module appears in the Modules panel.
- Step 2** Drag and drop the **WiFi Engage Menu** module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.

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**Note**

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Ensure that you have configured the WiFi Engage Connector in the page as the first module and specified the name of the portal that you want to edit. You must specify the same portal name that you have defined while creating the portal in the WiFi Engage dashboard. When you drag and drop the WiFi Engage Menu module onto the canvas, the menus added for that portal in the WiFi Engage dashboard appears.

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## WiFi Engage Menu Properties

### Touch Version Properties

The Touch Version properties enable you to specify the WiFi Engage Menu properties. The following is the list of WiFi Engage Menu Touch Version properties.



#### Note

These properties are applicable only if you uncheck the Custom Style Sheet check box in the WiFi Engage Connector.

**Table 15-4 Touch Version Properties**

Property	Description
<b>Menu Layout</b>	
Number of columns	The number of columns in which the menus must appear. For example, if you set the Number of columns as 1 Column, all the menus will be listed in a single line.
<b>Text Styling</b>	This is applicable for the menu captions.
Font size	The font size for the menu captions.
Font color	The font color for the menu captions.
Font family	The font family for the menu captions.
Hide text labels	Hides the menu captions.
<b>Icon Styling</b>	This is applicable to the menu icons.
Icon height	The height required for the menu icons.
<b>Menu body styling</b>	This is applicable to the menu body in the WiFi Engage Menu module where the menus appear.
Background color	The background color for the WiFi Engage Menu body.
Border color	The border color for the WiFi Engage Menu body.
Stroke weight	The width required for border of the WiFi Engage menu body.
Padding top	The space required at the top of each menu.
Padding bottom	The space required at the bottom of each menu
Padding (right and left)	The space required between the content border and module border on sides (right and left).
Margin top	The space required at the top between module border and the device screen border.
Margin bottom	The space required at the bottom between module border and the device screen border.
Margin(right and left)	The space required on the sides between module border and device screen border.



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## WiFi Engage Notice

The WiFi Engage Notice module enables you to use the Enterprise Mobility Services Platform Studio to enhance the notices in the portals created using WiFi Engage. You can position the WiFi Engage Notice module anywhere in the page based on your requirement.

For notices in the text format, you can set the font properties of the text like font color, font size, and font family. You can also define where the notice text is to be positioned within the WiFi Engage Notice module. For notice images, you can specify the image border width and image border color. In addition, you can add background color for the WiFi Engage Notice and set the properties for the background.



**Note**

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This module is available only for the Enterprise Mobility Services Platform Studio.

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**Note**

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You can use this module only to enhance the portals created in the WiFi Engage dashboard.

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## Configuring the WiFi Engage Notice module

To configure the WiFi Engage Notice module, perform the following steps:

- Step 1** In the Modules panel, type **WiFi Engage Notice**. The WiFi Engage Notice module appears in the Modules panel.
- Step 2** Drag and drop the **WiFi Engage Notice** module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.



**Note**

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Ensure that you have configured WiFi Engage Connector in the page as the first module and specified the name of the portal that you want to edit. You must specify the same portal name that you have defined while creating the portal in the WiFi Engage dashboard. When you drag and drop the WiFi Engage Notice module onto the canvas, the notice added for that portal in the WiFi Engage dashboard appears.

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## WiFi Engage Notice Properties

### Touch Version Properties

Touch Version properties enable you to specify the notice properties. The following is the list of WiFi Engage Notice Touch Version properties.



**Note**

These properties will be applicable only if you uncheck the Custom Style Sheet check box in the WiFi Engage Connector module.

**Table 15-5 Touch Version Properties**

Property	Description
<b>Text Styling</b>	This is applicable only to notices in the text format.
Font size	The font size for the notice text.
Font color	The font color for the notice text.
Font family	The font family for the notice text.
Image of Align	The position of the notice text within the module.
<b>Image Styling</b>	Applicable only to images. That is, only if you have chosen Text with Image in the Notice module when creating the portal in the WiFi Engage Dashboard.
Image border width	The border width required for the notice image.
Image border color	The border color required for the notice image.
<b>General Styling</b>	The background styling for notices.
Background Color	The background color for the WiFi Engage notice module.
Padding top	The space required at the top between notice and module border.
Padding bottom	The space required at the bottom between notice and module border.

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## WiFi Engage Promos and Offers

The WiFi Engage Promos and Offers module enables you to use the Enterprise Mobility Services Platform Studio to enhance the Promos and Offers in portals created using WiFi Engage. You can position the WiFi Engage Promos and Offers module anywhere in the page based on your requirement.

For Promos and Offers, you can set the font properties for the header text like font color, font size, and font family. You can also define where the Promos and Offer header text is to be positioned within the header area of the WiFi Engage Promos and Offers module. You can change the header icon, and hide it, if required. In addition, you can set the background color and padding space for the header area.

For the promotion images, which usually are in carousels, you can set the background color and padding space. The background color is visible based on the padding space.

Using the Enterprise Mobility Services Platform Studio, you can set the properties of navigation area for carousels including the background color, icon for the selected and default navigation buttons, and padding space.



**Note**

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This module is available only for the Enterprise Mobility Services Platform Studio.

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**Note**

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You can use this module only to enhance the portals created in the WiFi Engage dashboard.

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## Configuring the WiFi Engage Promos and Offers module

To configure the WiFi Engage Promos and Offers module, perform the following steps:

- Step 1** In the Modules panel, type **WiFi Engage Promos and Offers**. The WiFi Engage Promos and Offers module appears in the Modules panel.
- Step 2** Drag and drop the WiFi Engage Promos and Offers module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.



**Note**

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Ensure that you have configured WiFi Engage Connector in the page as the first module and specified the name of the portal that you want to edit. You must specify the same portal name that you have defined while creating the portal in the WiFi Engage dashboard. When you drag and drop the WiFi Engage Promos and Offers module onto the canvas, the Promos and Offers added for that portal in the WiFi Engage dashboard appears.

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## WiFi Engage Promos and Offers Properties

### Touch Version Properties

The Touch Version properties enable you to specify the Promos and Offers properties. The following is the list of WiFi Engage Promos and Offers Touch Version properties.



#### Note

These properties will be applicable only if you uncheck the Custom Style Sheet check box in WiFi Engage Connector.

**Table 15-6 Touch Version Properties**

Property	Description
<b>Promos and Offers Header Text Styling</b>	This is applicable to the header text of the Promos and offers module. That is, the title defined in the Title field in the Promos and Offers module in the WiFi Engage dashboard.
Header text Font Size	The font size for the Promos and Offers header text.
Header text Font Color	The font color for the Promos and Offers header text.
Header Text Font Family	The font family for the Promos and Offers header text.
Image of Align	The position of the notice text within the module. The position of the Promos and Offers header text within the header area.
<b>Promos and Offers Header Icon Styling</b>	This is applicable to the header icon that appears adjacent to the header text.
Change Header Icon	To change the Header icon. You can upload the icon image using the Upload Image button.
Icon Height	The height required for the header icon.
Hide Header Icon	Hides the header icon.
<b>Promos and Offers Header Styling</b>	This is applicable to the header area.
Header Color	The background color for the header area.
Padding Top	The space required at the top between Header area and module border.
Padding Bottom	The space required at the bottom between header area and promotion image.
Padding (right and left)	The space required at the sides (right and left) between header area and module borders.
<b>Promos and Offers Image Styling</b>	This is applicable to the promotion image that appears below the header area.
Background Color	The background color for the promotion image. The background color is visible based on the padding specified for the image.

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**Table 15-6 Touch Version Properties**

<b>Property</b>	<b>Description</b>
Image Padding (Top, bottom, right, and left)	The padding space required on each side of the promotion image.
<b>Carousel Navigation Area Styling</b>	This is applicable to the navigation buttons, if any, available for the carousels.
Change selected promo navigation icon	To change the icon of the promo navigation icon that is in the selected mode. You can upload the icon image using the Upload Image button.
Change default promo navigation icon	To change the icon of the default promo navigation icon. You can upload the icon image using the Upload Image button.
Navigation area background color	The background color for the navigation area for carousels.
Padding Top	The padding space required between carousel and navigation button.
Padding Bottom	The padding space required between navigation button and module border at the bottom.

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## WiFi Engage Welcome Message

The WiFi Engage Welcome Message module enables you to use the Enterprise Mobility Services Platform Studio to enhance the welcome messages in portals created using WiFi Engage. You can position the WiFi Engage Welcome Message module anywhere in the page based on your requirement. For welcome message, you can set the font properties of the text like font color, font size, and font family. You can also define where the welcome message is to be positioned within the WiFi Engage Welcome Message module. In addition, you can add background color and set the properties for the background.



**Note**

This module is available only for Enterprise Mobility Services Platform Studio.



**Note**

You can use this module only to enhance the portals created in the WiFi Engage dashboard.

## Configuring the WiFi Engage Welcome Message module

To configure the WiFi Engage Welcome Message module, perform the following steps:

- Step 1** In the Modules panel, type **WiFi Engage Welcome Message**. The WiFi Engage Welcome Message module appears in the Modules panel.
- Step 2** Drag and drop the **WiFi Engage Welcome Message** module into the canvas. The Edit panel of the module opens.
- Step 3** In the Edit panel of the module, specify the required values in the respective fields.
- Step 4** Click **Save**.



**Note**

Ensure that you have configured WiFi Engage Connector in the page as the first module and specified the name of the portal that you want to edit. You must specify the same portal name you have defined while creating the portal in the WiFi Engage dashboard. When you drag and drop the WiFi Engage Welcome Message module onto the canvas, the welcome message added for that portal in the WiFi Engage dashboard appears.

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## WiFi Engage Welcome Message Properties

### Touch Version Properties

The Touch Version properties enable you to specify the welcome message properties. The following is the list of WiFi Engage Welcome Message Touch Version properties.



#### Note

These properties will be applicable only if you uncheck the Custom Style Sheet check box in WiFi Engage Connector.

**Table 15-7 Touch Version Properties**

Property	Description
<b>Text Styling</b>	
Font Size	The font size for the welcome message text.
Font Color	The font color for the welcome message text.
Font Family	The font family for the welcome message text.
Image of Align	The position of the welcome message within the module.
Background Color	The background color for the WiFi Engage Welcome Message module.
Padding Top	The space required at the top between welcome message and module border.
Padding Bottom	The space required at the bottom between welcome message and module border.
Padding Left	The space required between welcome message and module border on the left side of the message.
Padding Right	The space required between welcome message and module border on the right side of the message.

## WiFi Engage V2 Module Group

The WiFi Engage V2 module group is the enhanced version of the WiFi Engage module group. The WiFi Engage V2 module group contains the following modules:

- WiFi Engage Connector V2
- WiFi Engage Branding V2
- WiFi Engage Menu V2
- WiFi Engage Notice V2
- WiFi Engage Promos and Offers V2
- WiFi Engage Welcome Message V2

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## Support for the SMS-Authentication

The WiFi Engage Connector V2 supports the SMS-authentication for the WiFi Engage portals. You can open the WiFi Engage portals with SMS-authentication in the Enterprise Mobility Services Platform Studio using the WiFi Engage Connector in the WiFi Engage V2 module group, and add additional features to the captive portal using the modules in the Enterprise Mobility Platform Studio. You can enable radius-authentication for SMS-authentication of the portals. For more information on SMS and radius authentication, refer to the *Cisco WiFi Engage with CUWN Configuration Guide* or *Cisco WiFi Engage with Meraki Configuration Guide*.

You cannot modify the style properties of the portal modules using the modules in the WiFi Engage V2 module group. The other functionalities remain the same as that for the modules in the WiFi Engage module group. For information on the WiFi Engage V2 group modules, see the corresponding WiFi Engage group module documentation in the [“Various WiFi Engage Modules” section on page 15-1](#).



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**Note**

After enhancing the portal using the Enterprise Mobility Platform Studio, you need to use the URL generated in the Studio for this captive portal.

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You can also enable the SMS-authentication for an OOB module by creating a site in the Enterprise Mobility Services Platform Studio with the module, and linking it to a captive portal created in the WiFi Engage with SMS-authentication.