

CTS – Blog Helpful Hints

The following information is meant to help a content author make sure they are following best practices and ensure the page template is being followed.

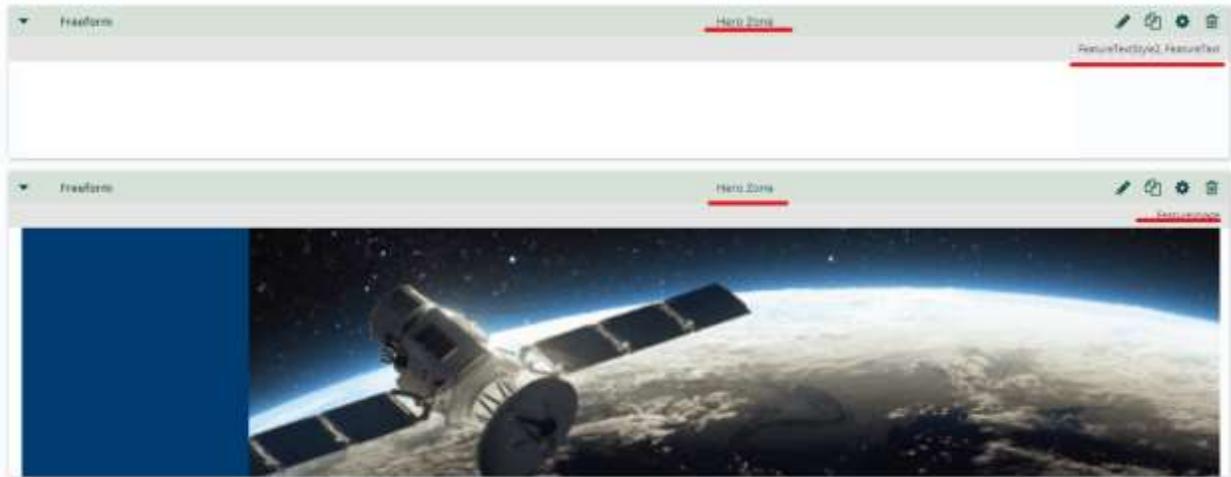
Tip 1: Use the **Blog Detail Template** from the Content Library to start a new blog.

Tip 2: Under the Properties tab of the new blog, scroll to the Advanced Properties and confirm the **Page Layout is set to News**.

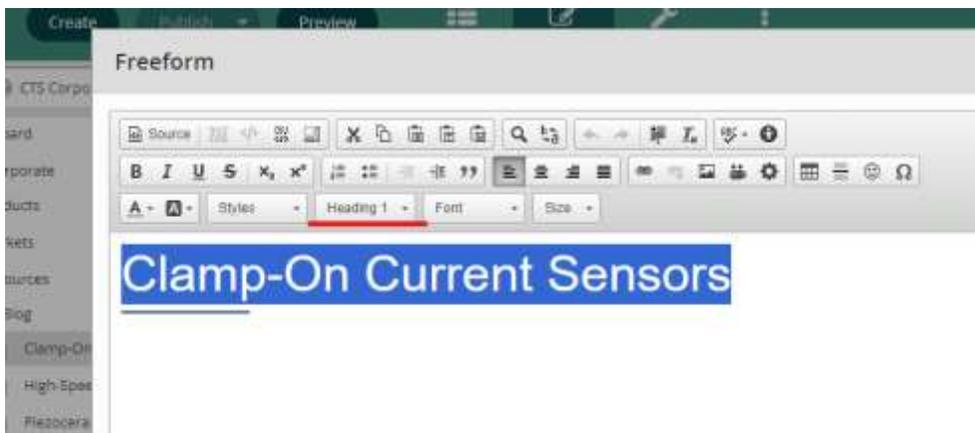
The screenshot shows the 'Properties' tab of a new blog in Titan CMS. The 'Properties' tab is selected, and the 'Advanced Properties' section is visible. The 'Page Layout' field is set to 'News', which is highlighted with a red underline. Below the 'Page Layout' field, there is a link that reads 'View Theme Configuration in Admin Workstation'.

Results	Content	Properties	More
t Sensors			
What's New End Date 11/29/2023			
What's New Image Path			
What's New Image Alt Text			
Advanced Properties			
Workstation Name Clamp-On Current Sensors			
Page Layout News			
View Theme Configuration in Admin Workstation			

Tip 3: The **Featured Image and the Featured Text need to be in the Hero Zone**. The Hero Zone tells the page that any item marked with the Hero Zone needs to be above all the rest of the content. Each blog should start with these two blocks.



Tip 4: The **Feature Text should have an H1**, which is selected from the Format menu (see screenshot below). This should be the main title of the blog. The block for the Featured Text will appear blank in the workstation because white font is used on the display side. Go into Edit mode on the block to see the text.



- **Tip 5: Header tags should be used in order.** For example, the title of the blog should be an h1. The sub-title an h2, etc. In the screen shot below, the order was:

Clamp-on Current Sensors – h1
Direct-on-PCB Current... – h3
Operating Principles – h6

For a screen reader, this would be very confusing because it would be searching for the h2 tag. This breaks accessibility compliance and needs to be addressed. You can have more than one h2 or h3, for example, but they must be used in order.

The updated version is:

Clamp-on Current Sensors – h1
Direct-on-PCB Current... – h2
Operating Principles – h3



Clamp-On Current Sensors

August 30, 2023 [Download PDF](#)

Direct-on-PCB Current Sensing for Industrial and Automotive Applications

Current sensing provides vital information for monitoring, controlling, protecting and optimizing electrical systems in a wide range of applications across multiple sectors. Current sensor integration has therefore become a key factor to consider when developing new systems and retrofitting existing ones; consequently increasing market expectations and requirements for current sensors in terms of system applicability, ease of use, performance and costs.

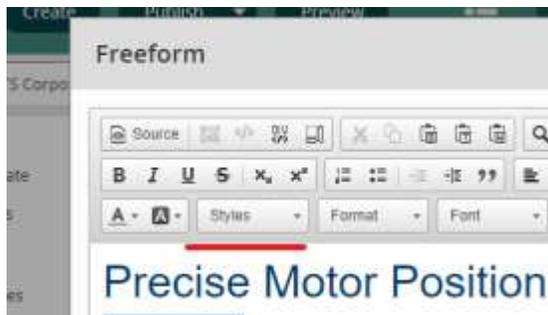
To match the current sensing needs of the industrial and light vehicle markets, CTS has developed a clamp-on sensing solution that is easily integrated with printed circuit boards (PCBs). In combination with a standard integrated circuit (IC), these clamp-on magnetic field concentrators can measure currents up to 200A with an accuracy within 1%, providing cost-effective and precise current sensing for PCB mount cables.

CTS clamp-on current sensors emphasize end-use flexibility and can accommodate varying current ranges without requiring customer-specific alteration and design. The mechanical design allows for direct-on-PCB mounting, reducing system costs and integration complexities while still maintaining high performance.

Operating Principles and Ideal Applications

CTS engineers work closely together with customers to create unique solutions, and the clamp-on current sensors have been developed on the basis of our extensive knowledge of the industrial sensing needs in the low-to-mid current range. The result is a sensing solution that can

NOTE: If you like the styling of a header option but do not want to call a section out as having a header, you may use the Style menu to select the styles of the headers.

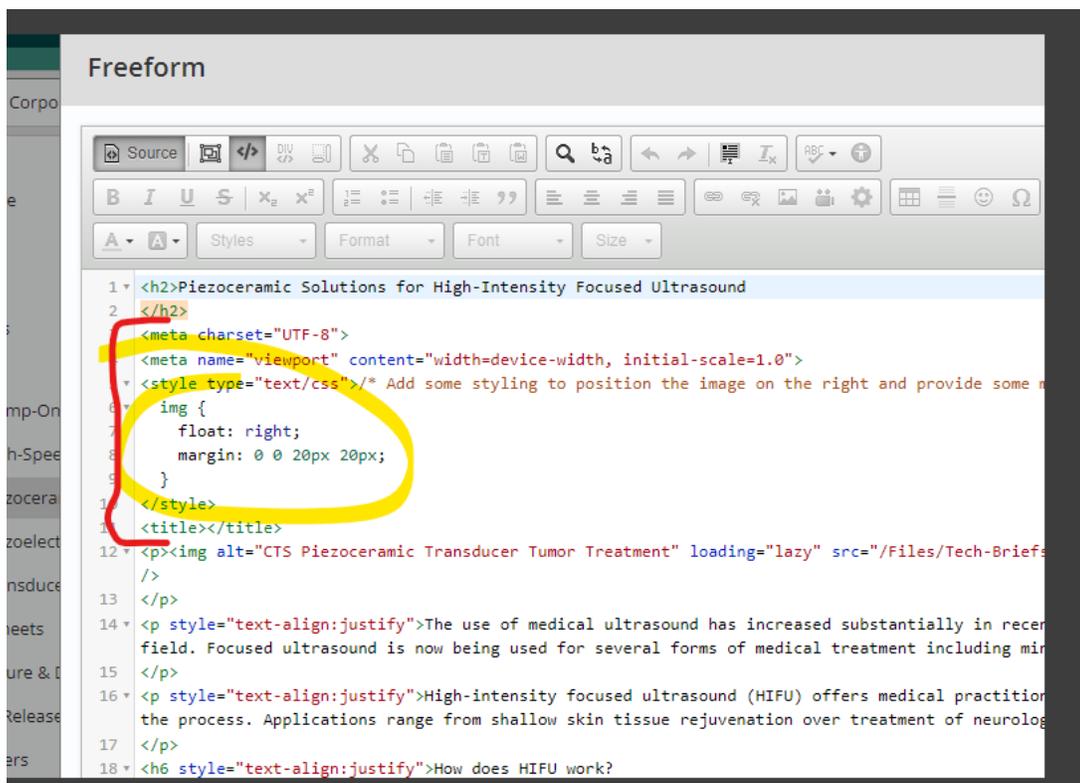


In this case, the Source Code would render this:

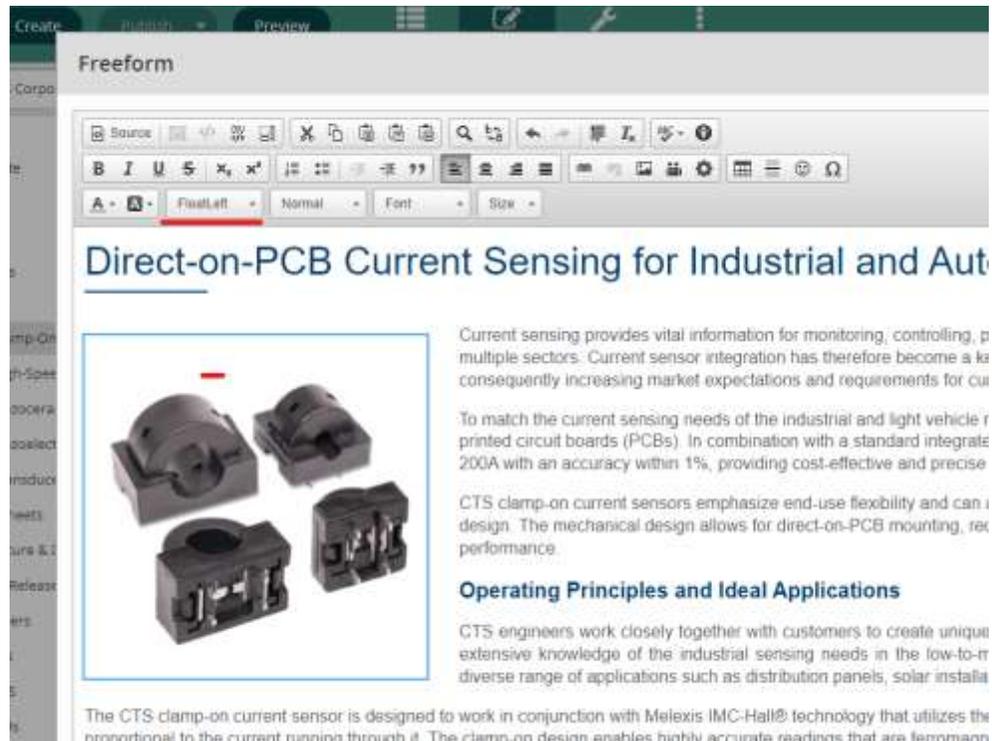
`` (header style only) vs `<h2>` (real header)

Tip 6: If you have an image within the text of the blog, you do not need to add extra code to make the image float on the left or right side. **When the image is selected, the option to float the image to the left or right of the text is under the Style menu.** The content author should select what is appropriate and the source code will update. If extra code already exists, it will need to be removed and then the Style menu option applied.

Example of what not to do:



Example of what to do:



The screenshot shows a software interface for editing a document. At the top, there are tabs for 'Create', 'Preview', and 'Freeform'. Below the tabs is a toolbar with various icons for editing, such as bold, italic, underline, and font color. The main content area displays a document page with the following text:

Direct-on-PCB Current Sensing for Industrial and Aut



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To match the current sensing needs of the industrial and light vehicle r printed circuit boards (PCBs). In combination with a standard integrate 200A with an accuracy within 1%, providing cost-effective and precise

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Operating Principles and Ideal Applications

CTS engineers work closely together with customers to create unique extensive knowledge of the industrial sensing needs in the low-to-tr diverse range of applications such as distribution panels, solar installa

The CTS clamp-on current sensor is designed to work in conjunction with Melexis IMC-Hall® technology that utilizes the proportional to the current running through it. The clamp-on design enables highly accurate readings that are tenomaan