

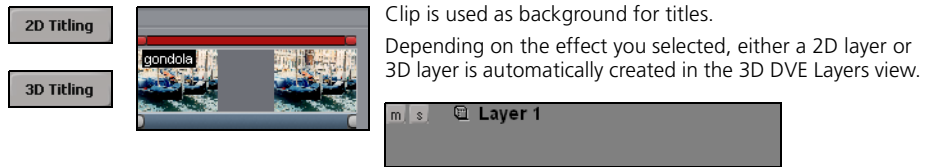
Creating a Lower-third Title

In this lesson, you'll be creating a single-frame title located in the lower-third part of the frame, known as a *lower-third title* or *lower third*. Lower thirds are usually used to introduce a scene or person—for example, during an interview for a documentary. By completing this lesson, you will become familiar with the tools necessary to create a lower-third title using the 3D DVE layout.

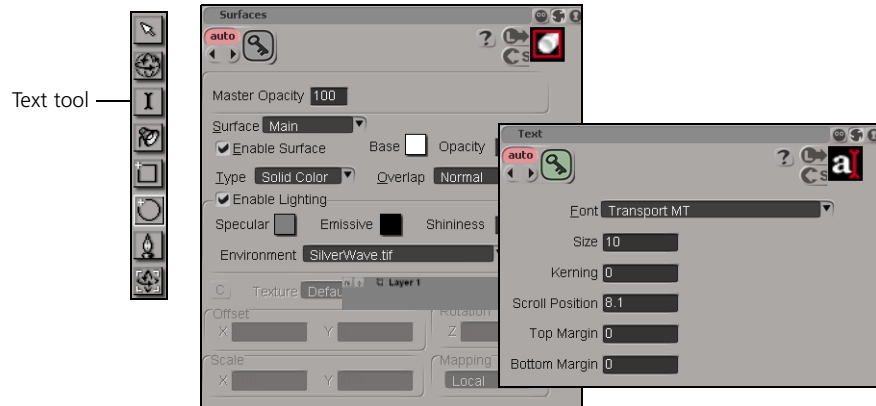
Workflow: Titles

You can create and manipulate 2D and 3D titles in the 3D DVE layout. The following illustration shows the typical workflow of a titling session.

- 1 Apply the 2D Titling or 3D Titling effect to your clip.



- 2 Select the Text tool and set its properties



- 3 Create a title in the viewer



- 4 Select the title and edit its properties



The word "Venice" was kerned to match the length of the words above it.

Creating a Lower Third Title

To create a lower third title, first you'll create and format the title, position it within the safe title area, add a shadow to it, and then process it to see the final result.

Creating and Formatting the Title

Creating a lower-third title does not take long. The next step is to create and format the text message.

1. On the timeline, place the play cursor over the selected clip you want to use in the lower third title.

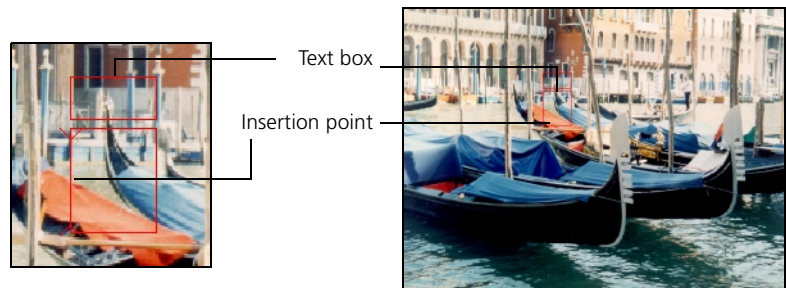


2. From the Image Tools toolbar, click the Image Tools icon and then click the **2D Titling** button.

The 2D Titling effect is applied to your clip and the 3D DVE layout is displayed. The clip is used as the background for the title you are going to create. Also, a 2D layer appears in the 3D DVE Layers view.



3. From the 3D DVE Tools toolbar, click the **Text** tool, and then click in the center of the viewer to create a text box.

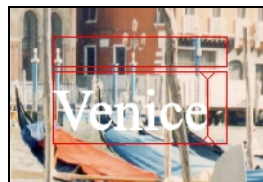


Close up view of text box

The insertion point or cursor, represented as a vertical bar, appears along the left side of the text box. You are now ready to type the message.

4. Type the following word: **Venice**

As you type each character, the text box enlarges.



The text in the text box uses the current font and font size, Times New Roman, and a font size of 10.00.

Changing the Font and Font Size

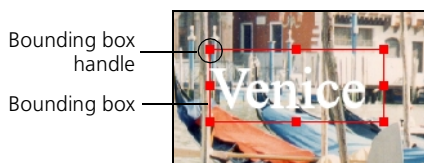
Text boxes and the characters within them have various properties that you can change to make text appear differently.

You will change the font and reduce the font size.



1. Click the **Edit** tool.

Because you were working on a text box in the previous tool (**Text**), the text box becomes selected and is highlighted in red in the **Edit** tool. A bounding box appears around the selected object. At the corners and sides are bounding box handles that allow you to scale or resize the object.

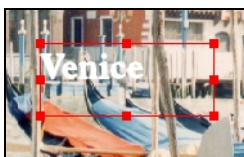


2. From the **Text** property editor, select **Aldine 721 Bold BT** from the **Font** list.

Because the text box is currently selected, the text box and all its contents change to the selected font. You can also change the font of a specific character.

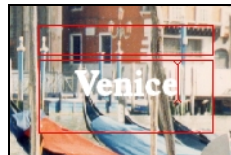
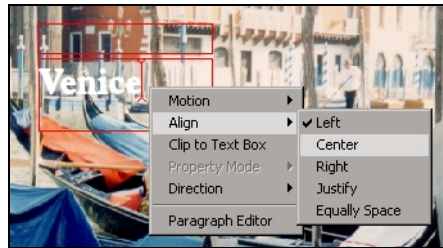
3. Decrease the font size of the text in the text box by entering **6.00** in the **Size** text box.

Like the font, the font size of the characters in the text box changes to six percent of the scene's height.





- Using the **Text** tool. Right-click in the text box and choose **Align > Center** to horizontally center the text within the text box.



Text is centered

Positioning the Title

If you intend to display your work on a television screen, you need to make sure the text appears within the *safe title area*, a rectangular region of the frame that is guaranteed not to crop text on television screens. In addition, if you want to position the title relative to the content in a video source, such as a person talking during an interview, you can import a clip of the video source, known as a *reference background*.



- From the Viewer toolbar, click the **Safe Action/Title** icon.

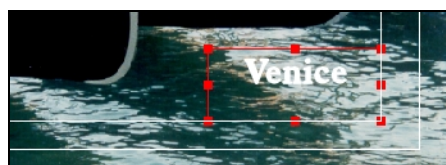
Two rectangular guides appear in the viewer.



Safe action guide
Safe title guide



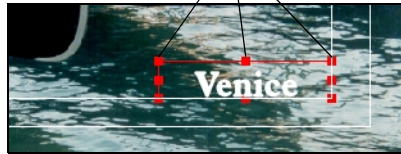
- Using the **Edit** tool, move the text object to the lower-right corner of the safe title area.



As you move a selected object close to the safe title guide, the nearest side or corner of the selected object's bounding box snaps to the safe title guide. This makes it easier for you to align a text box or other object in the scene to the safe title guide.

3. Now you'll resize the text box by holding down the Alt key as you drag on one of the bounding box handles at the top edge of the text box. This resizes the text box without scaling the text inside. The bottom edges of the characters in the name should lie on the safe title guide.

Bounding box handles



Adding a Shadow to the Title



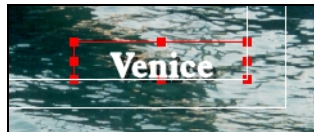
The white title is somewhat difficult to read, so you'll add a drop shadow to it.

1. Using the Edit tool, click the text box to select it.
2. From the Shadow property editor, select the **Show Shadow** option.

A dark shadow appears behind the name.

3. Set the X Offset to 0.60.
4. Set the Y Offset to -0.80.

The shadow is now closer to the name.



5. Click away from the name and rectangle to deselect the objects.
6. Click the **Safe Action/Title** icon to hide the safe action and safe title guides.





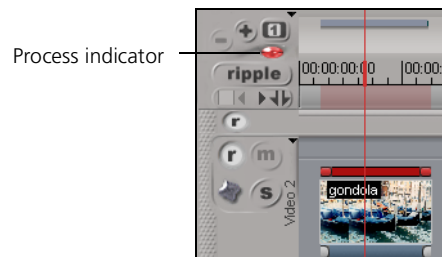
Processing the Title

With the title appearing the way you want, you can now process the title. When you process the clip, a final image or sequence of images is generated and stored in a new media file (cache) so that your source media remains unaltered.

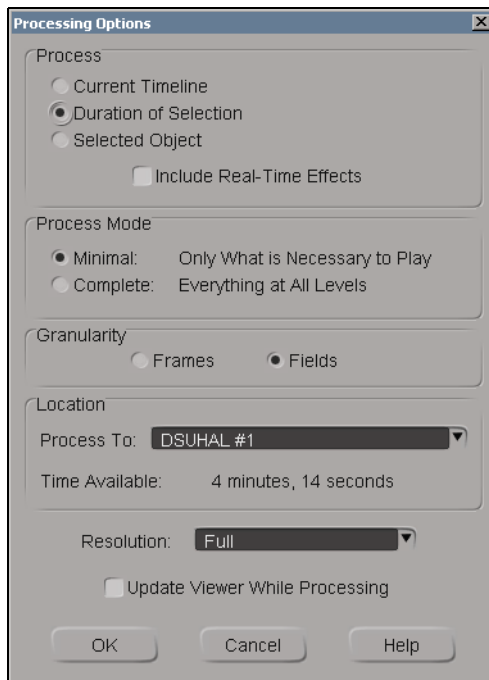
You can process the entire timeline or select individual objects for processing.



1. From the 3D DVE/Options property editor, select the **Render** property page.
2. On the timeline, click the red Process indicator to open the Processing Options dialog box.



3. Since you only want to process the title, select the **Duration of Selection** option. Leave all the other options at their default settings and click OK to begin processing.



4. Once processing is complete, return to the beginning of your clip and click Play to see the results of your title.
 5. Save your title as **Lesson1**.
- Congratulations! You have completed your first title.