

Tools, Tips, and Workflows

New Point Density Tool

LP360




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Revision 1.0



Now available in the experimental release of LP360 are the **Display by Point Density/Export Density** features. These features let you visualize your data color-coded by the number of points per unit area (point density). The **Display by Point Density** method lets you visualize the point density in real time within your project, whereas the **Export Density** method allows you to export the Density map in .tif format.

Note: For the **Display by Point Density** method to be accurate, your display must be zoomed to 100%.

To use the **Display by Point Density** method, you first need to set the point density parameters. To do this, click the  **LAS Layers Properties** dialog button and select the **Symbology/Density** tabs. (Figure 1) Once you have the parameters set, select the **Display by Point Density** button from the Display palette located on the LP360 toolbar. (Figure 2)

Tools, Tips, and Workflows

New Point Density Tool

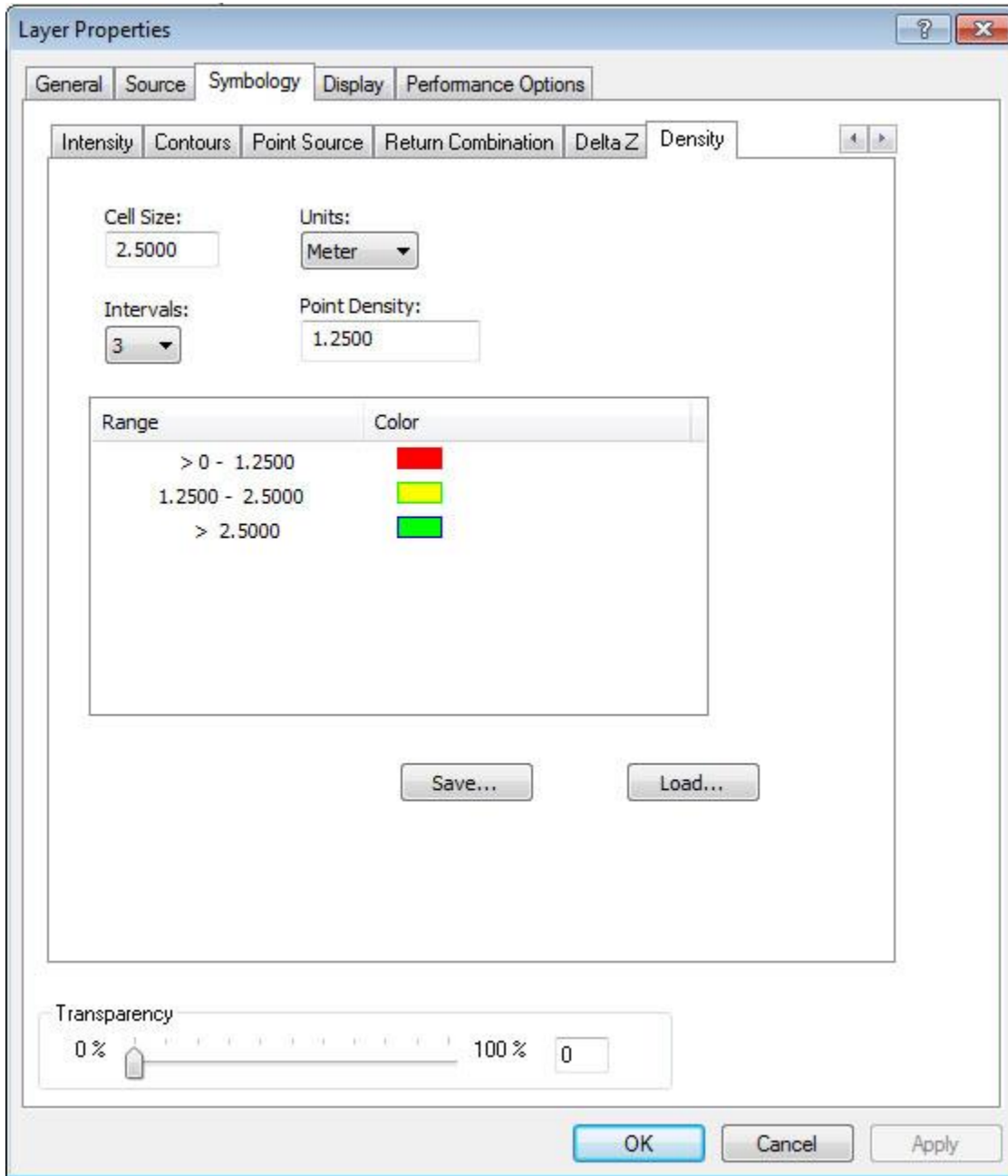


Figure 1

Tools, Tips, and Workflows

New Point Density Tool

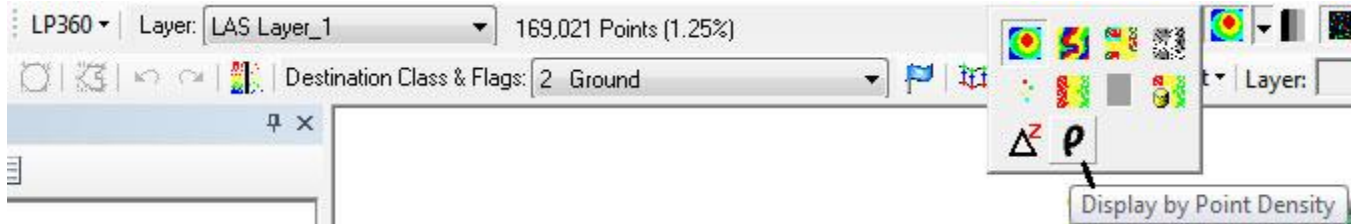


Figure 2

To export a Density “map,” click the  **Export LIDAR Data** button on the LP360 Toolbar to bring up the Export LAS Files dialog.

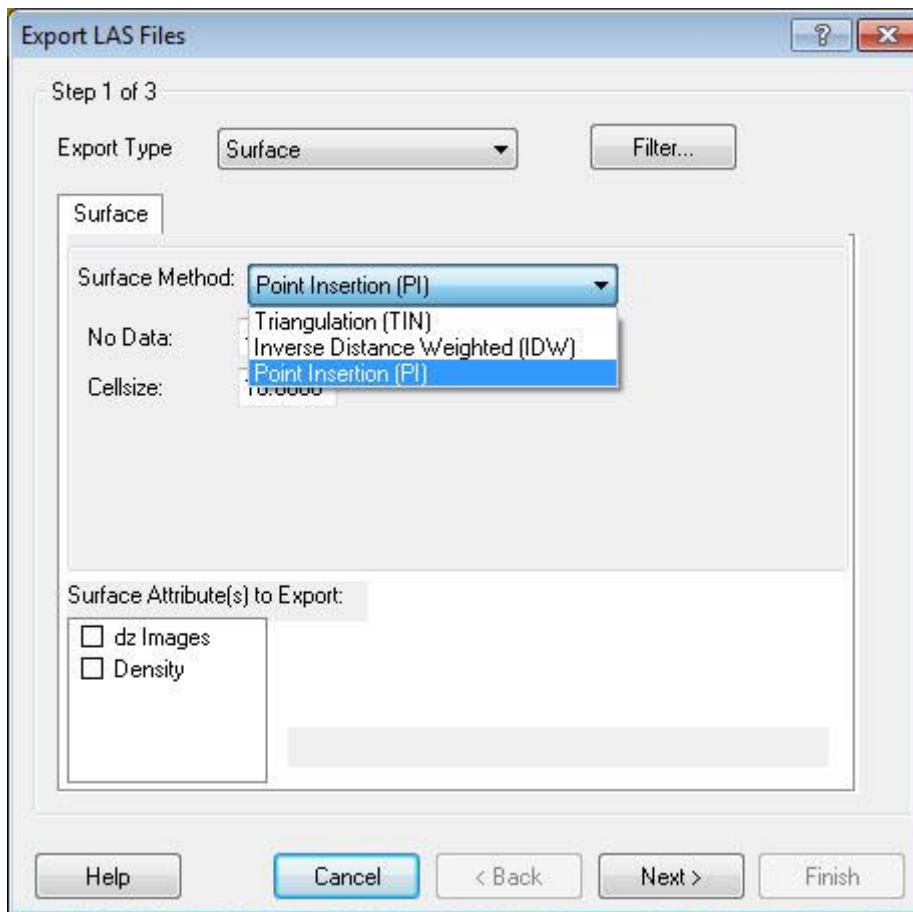


Figure 3

Once you have selected **Point Insertion (PI)** in the Surface Method drop-down list, the Surface Attribute(s) to Export will display. Selecting Density will cause the **Density** tab to display. Again, define the desired parameters and continue through the wizard by selecting the **Next** button. (Figure 4)

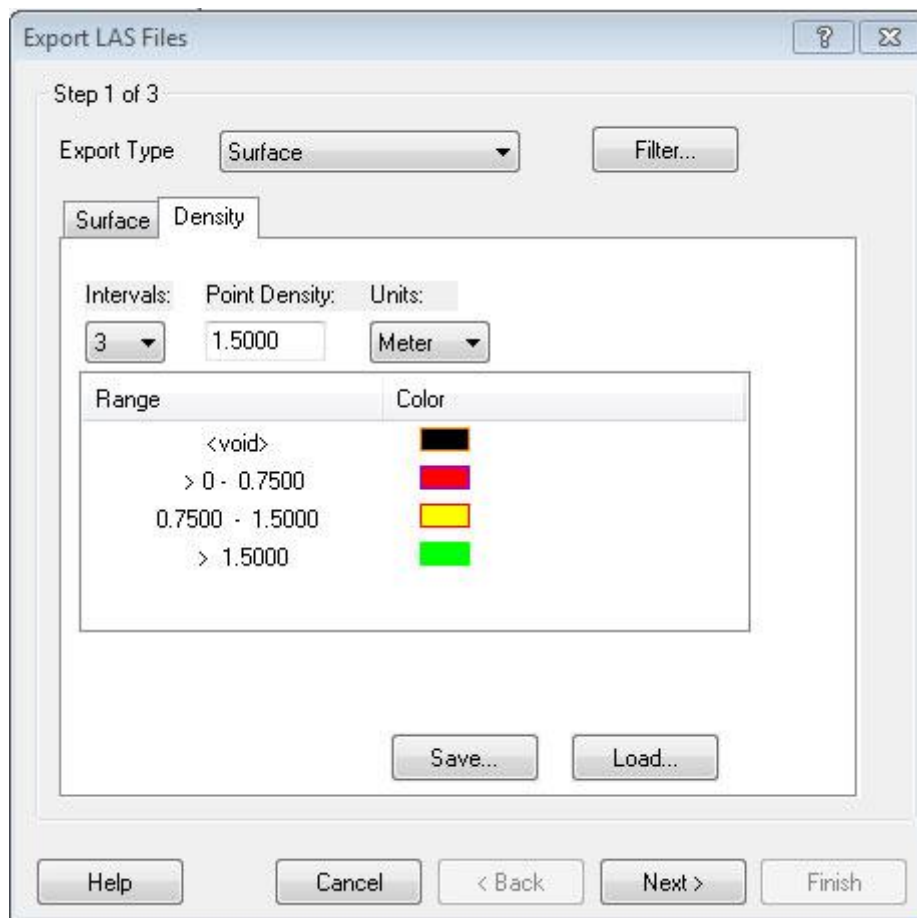


Figure 4

Once you've completed all the steps of the Export wizard, the .tif file will automatically be displayed in your LP360 map view if you have selected the **Insert Outputs[s] to Map** option on the last page of the Export wizard. (Figure 5)

Note: Use the **Save** and **Load** buttons to save and load parameter settings.

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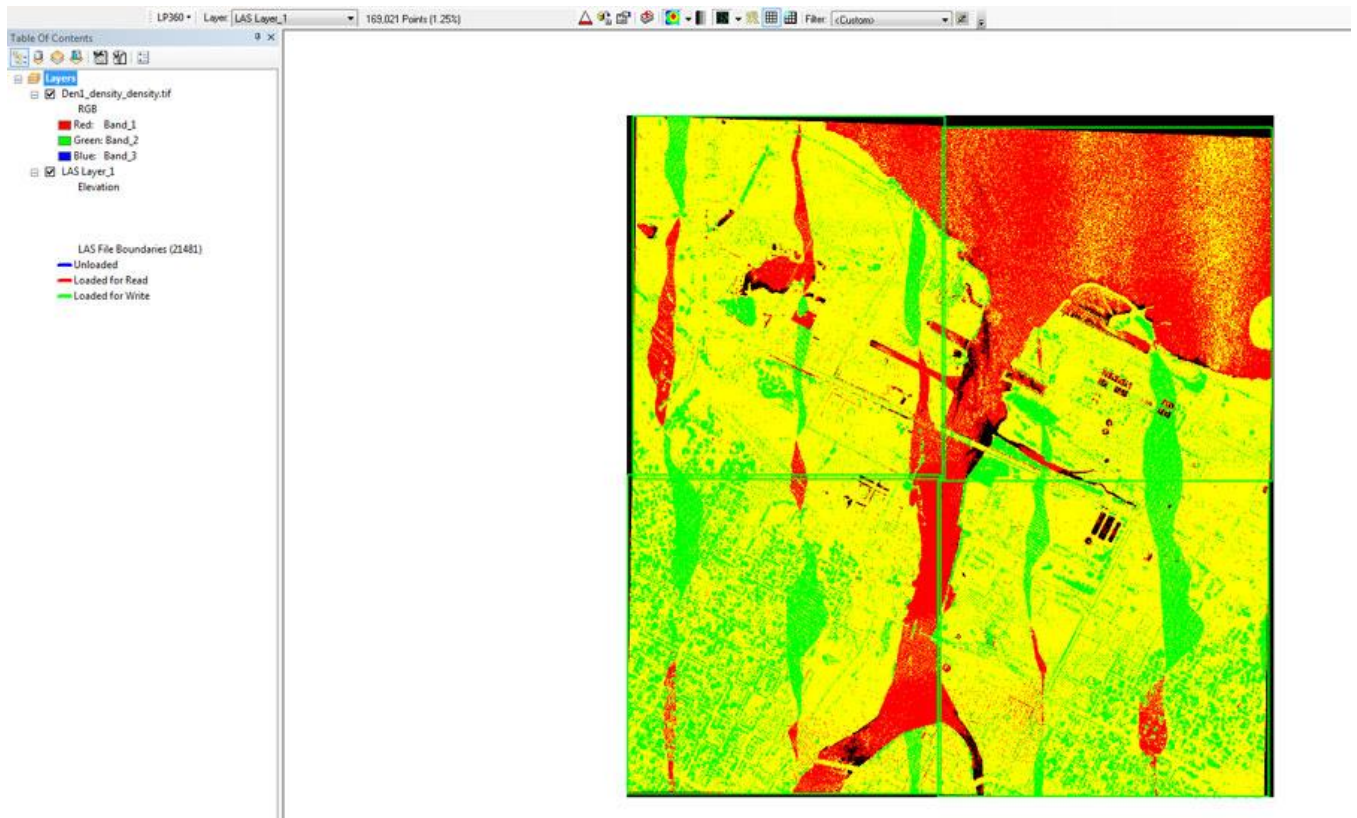


Figure 5