Interactive Editing of Point Classes

LIDAR point files in LAS format include a Classification field that can be populated using choices in the standard Classification table included in the file. TNTmips provides the ability to interactively change these point classifications directly in LAS files that are linked as shape objects. To begin, display the LAS shape object and open the Reclassify window from the Display Manager using the right mouse button menu for the shape layer (see illustration to the right).

In the Display Manager the Reclassify option is available on the right mouse button menu for any shape object layer corresponding to a linked LAS file.

The Reclassify window provides a pick list of LAS LIDAR point classes from which you can choose one or more point classes to change. Set the single output class using the Change Classification to menu.

LIDAR points can be selected in the View for reclassification using any of the marking tools in the GeoToolbox (illustration top left). The Reclassify window was set to change Never Classified points to Ground (above left) and the marked points were reclassified (top right).

LIDAR points can be selected in the View for reclassification using any of the marking tools in the GeoToolbox (illustration top left). The Reclassify window (above) shows a built-in pick list of LAS LIDAR point classes with the associated point styles that have been set for the selected shape object. You can choose one or more classes to be changed and set a single output class using the Change Classification to menu. You can select points for reclassification using any of the marking tools in the Point Profile window (illustrations to the left; see the Technical Guide entitled LIDAR: Point Profile Tool) or select points in the View using standard GeoToolbox marking tools (illustrations below).

Once you have set the input and output classes and selected one or more LIDAR points, press the OK or Apply button on the Reclassify window. Only the marked points matching the chosen input classes are reclassified.