

Life Saver

Automatically Extract Road Lines with PointCloud CAD - A Fully-Featured CAD and Point Cloud Suite



You're drawing 100 miles of road lines using your stock point cloud application. 85,000 mouse clicks, 5200 pans & zooms, 80 hours and 30 cups of coffee later, you're done. Also, you probably need a new mouse.

Enter PointCloud CAD 2010 and its brand new automated road line extraction feature. Simply click two points on a painted road line and let the program extrapolate the length and segments of the contiguous line, and automatically draw them in your CAD window. PointCloud CAD 2010 is an incredibly powerful and intuitive point cloud visualization and CAD suite. Built by software veteran MicroSurvey (25 years building CAD software), PointCloud CAD gives you the tools needed to analyze, build and edit detailed drawings, breathtaking surfaces, realistic scenes and compelling animations.

We're all well aware of the potential benefit of laser scanning a site as opposed to taking hundreds of points manually with a total station or GPS. But the time-saving benefits are quickly drained if your point cloud viewer leaves you dead in the water.

Wading through millions of virtual points, searching for patterns in the form of identifiable lines and edges, can be exhausting if the camera controls and point cloud manipulation tools are clunky. Breaking your flow by toggling back and forth between tools/views or having juggle your drawing between the point cloud viewer and CAD program can be a drag.

If you cannot quickly transcribe your point cloud findings into real CAD lines, then the time savings will quickly dry up. With PointCloud CAD, not only is it a breeze to navigate, view and segregate your points into working sections, but the new Automated Road Line

Extraction feature allows you to draw miles of accurate road lines in a fraction of the time.

Working with point cloud and LIDAR data has never been easier or more productive! Contact MicroSurvey for more info.



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PointCloud CAD 2010, shown below, allows you to have your CAD drawing and point cloud windows side-by-side. Draw your lines on the point cloud itself, or let the automatic line extraction do it for you.

