

LiDAR Industry's First Completely Integrated Solutions

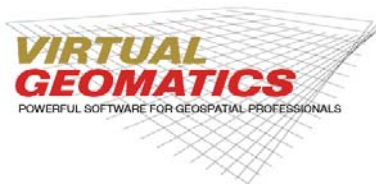
"Virtual Geomatics has made our business much easier and more streamlined. Before we started using the VG4D suite, our IT support burden for all the different applications we had to use was becoming unmanageable. Every time one of the applications advanced a version something would blow-up and we would lose a day trying to get back to a stable platform."

Powerful VG4D Viewer

Virtual Geomatics' free, easy-to-use, 3D, fully interactive, LiDAR viewing tool. View very large datasets (whole counties) turning on and off classes, TIN on-the-fly capability and intuitive 3D rotation allows users to view the data from any angle.

3D Visualization

- Powerful and easy-to-use 3D data viewer
- Rapidly visualize point cloud data for display
- Profile / cross-section view
- One-button classification visualization
- Visualization modes include
 - shaded relief
 - elevation
 - return
 - intensity shading
 - color by classification
 - color by flight line
 - pseudo contours
 - LSF
- Intuitive 3D rotation
 - panning
 - zoom
 - vertical exaggeration
 - azimuth
- On-the-fly TIN rendering
- On-the-fly 3D contour visualization
- GPS time, coordinate, return, intensity and filename readout by cursor location
- Stand-alone; no 3rd party software required
- Save high resolution screen shots
- LAS 1.1 and 1.2 compliant



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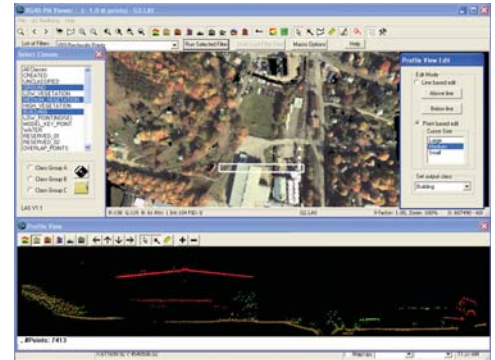


Figure 1. 3D data viewer: Profile/cross-section view

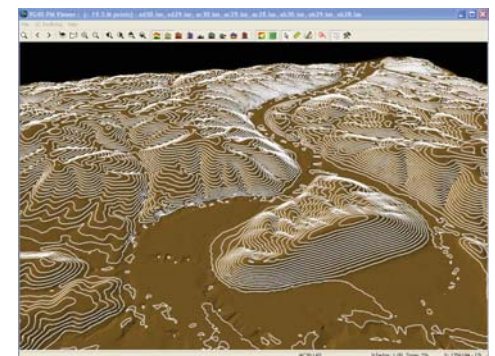


Figure 2. 3D data viewer: Shaded relief with on-the-fly 3D contours

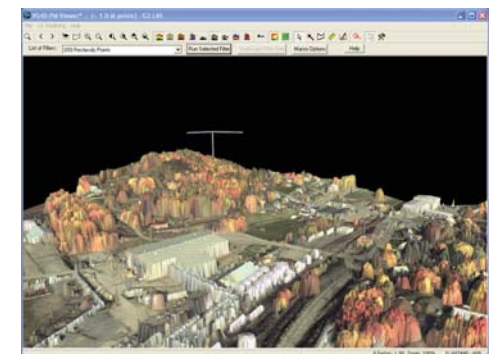


Figure 3. 3D data viewer: 3D perspective of LiDAR point cloud TIN with spectral values (LiDAR Spectral Fusion)