2-D Surface Visualization
- Contour Labels
- Customizable elevation colorization
- Post Thinning options
- Posts, mesh, X-Profile, Y-Profile, Quick Contours, Detailed Contours

3-D Cursor
- Surface intersect plane
- Surface Tracking and manual elevation adjustment

3-D Feature Visualization
- Features can be optionally draped on a surface

3-D Mensuration
- Customizable units and reported measurements
- Height
- Markers
- Polylines
- Polygons

3D Multiport Options
- 3D Compass
- Apply Templates in 3-D
- Customizable backgrounds

3-D Point Cloud Visualization
- Adjustable Point Size
- Colorization based on Classification, Elevation, Intensity, Return, or RGB
  - Layers may be turned transparent

Embed Colorization
- Allows colorization options available for point clouds to be written to the RGB values of the point cloud
  - Classification, Elevation, Imagery, and Return values of the point cloud
- Point clouds can be saved as .las files with the embedded RGB values

Visible and hidden areas shown
- Customizable visibility and colorization
- Visualization in 2-D or 3-D

Native Surface and Elevation Model Support
- GeoTIFF, NITF, etc.

Point Cloud Formats Supported
- .las
  - Full support up to v1.3 and partial support up to v1.4
- .laz
- ASCII
- .bpf
- NITF-wrapped .las

Rigorous Sensor Model
- Generic Point Cloud Model (GPM)

Slope Map
- Average or Steepest Slope
- Customizable slope colorization
- Percent or degree units

Terrain Comparison
- Volumetric mensuration

Terrain Shaded Relief
- Customizable elevation colorization
- Customizable Light Source
- Simple Relief Map option

Triangulation
- Triangulate point clouds to imagery
  - Error propagation using GPM sensor model