LiDAR *Compressor*™

LizardTech® LiDAR Compressor™
Compression to the MrSID® Format for LiDAR Data

LizardTech® LiDAR Compressor™ software enables you to turn giant point cloud data sets into efficient MrSID® files that are just 25 percent or less of the size of raw data yet retain every return. Unlike raw LAS or ASCII data, LiDAR files compressed to the MrSID format are easily managed resources you can extract derivatives from over and over again.

LiDAR Data Meets the MrSID Format

Lossless LiDAR File Compression
Numerically lossless compression with Lizard-Tech® LiDAR Compressor™ software enables you to reduce LiDAR file sizes by 75 percent or more while retaining all of your points and all of the precision and accuracy of your point data. If storage requirements are critical, you can reduce your LiDAR file sizes by 90 percent or more by choosing a higher compression ratio and letting LiDAR Compressor select the best way to reach a desired file size (lossy compression).

Assurance of Using the MrSID Format
LiDAR Compressor software compresses your LiDAR data to the industry standard MrSID® format, trusted as a raster format by geospatial professionals for years and supported in virtually all GIS applications. With LiDAR Compressor LizardTech unveiled a new and improved version of the format, MrSID Generation 4 (**MG4**™). It's still LizardTech and it's still the MrSID technology, so you know you're using the highest quality file format with the most advanced compression technology available. **MG4** is already supported in LiDAR Analyst, MARS and ArcGIS 3D Analyst, and more third-party support is on the way.

More Value from Your LiDAR Data
Why not use all of the elevation data that you paid for? If the size of your raw data has meant that you only take delivery of DEMs or contours rather than your entire point cloud, we've got good news. LiDAR Compressor software enables you to compress the whole point cloud to MrSID and then use that compressed file to create your own derivatives, eliminating the need to return to your vendor for new products.

Easy Workflow & Minimal Training
LiDAR Compressor is an easy-to-use application with a straightforward workflow. You don't have to deal with a lot of confusing options. In most cases, simply load your files, preview, and encode. You can be compressing LiDAR data from both LAS and text files in a few minutes.

Application Improvements
The latest release of LiDAR Compressor software offers better lossless and lossy compression, better progress metering, improved logging and other enhancements that make working with your LiDAR data easier.

System Requirements
• One of the following operating systems:
  Microsoft Windows XP, 32-bit SP 3
  Microsoft Windows XP, 64-bit SP 2
  Microsoft Windows Vista, 32-bit SP 1
  Microsoft Windows Vista, 64-bit SP 1
  Microsoft Windows 7, 32- or 64-bit
• Microsoft .NET Framework 3.5 SP 1 (included)
• 1GHz Processor
• 2 GB RAM (4 GB RAM recommended for 64-bit)
• DVD Drive
• 200 MB free hard disk space, plus room for LiDAR data

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