Transforming Lidar to Power Data

Safe Softwareâ€™s FME is now offering support for various formats of Lidar and point-cloud data. Organisations can use the transformation capabilities in FME to quickly prepare Lidar data to meet their precise requirements, enabling them to extract the full value from their Lidar data assets to power better informed decision making.

Many organisations have been looking for an easy way to tap into the wealth of information available in their Lidar data assets. However, the massive size of these files and interoperability challenges have made it very difficult, and even impossible, for this highly accurate, "sensed" data to be used and shared. With FME's new support for popular Lidar formats such as LAS, Pointools POD, XYZ ASCII and loading of Lidar into Oracle Spatial Database, preparation of this data for use is now possible and can be performed on millions of points in seconds.

FME technology can be used to quickly transform Lidar data into the precise coordinate system and format they require, and clip, crop, thin, filter, and split Lidar data into the exact subset they need to work with. They can also quickly tile their enormous Lidar datasets for easier handling, or bring tiled subsets together to form a single large dataset.

By using FME's high performance engine to perform these tasks, organisations can build workflows once and reuse them as needed using batch processing on the desktop or the server, saving hours or even days that would otherwise be required.

FME's support for over 250 spatial and non-spatial data formats facilitate creating value-added datasets by integrating Lidar data with GIS, CAD and raster data for a more complete picture of what’s real to support business decisions.

https://www.gim-international.com/content/news/transforming-lidar-to-power-data