

Lidar Services and Solutions

Woolpert has been providing unmatched lidar services to clients around the world for nearly two decades. Today, we continue to lead the industry with cutting-edge lidar system and data processing advancements. Our lidar offerings support a wide range of mapping and analytic applications, and when we can't find a suitable technology, we've been known to develop it ourselves.

We don't just stop at data collection, or even at processing. Rather, we excel at applying progressive analytic tools to create the following extremely useful derivative mapping products:

- Digital terrain models
- 3D modeling
- Automated feature extraction
 - Impervious surface delineation
 - Land use/land cover
 - Hydrology
 - Forestry
 - Change detection

WOOLPERT BY THE NUMBERS



7+

Statewide collections



300+

Geospatial experts



1000+

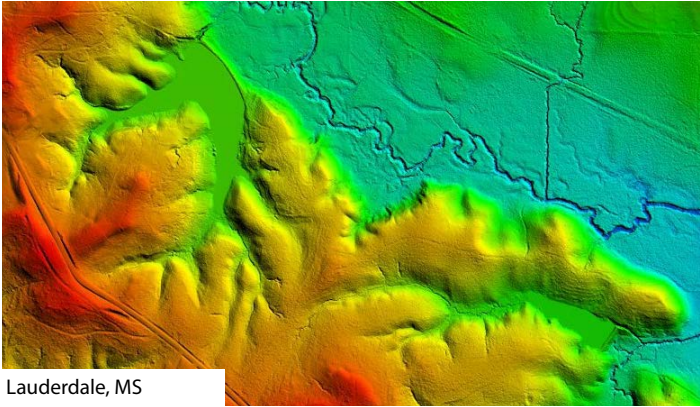
Points per second collected



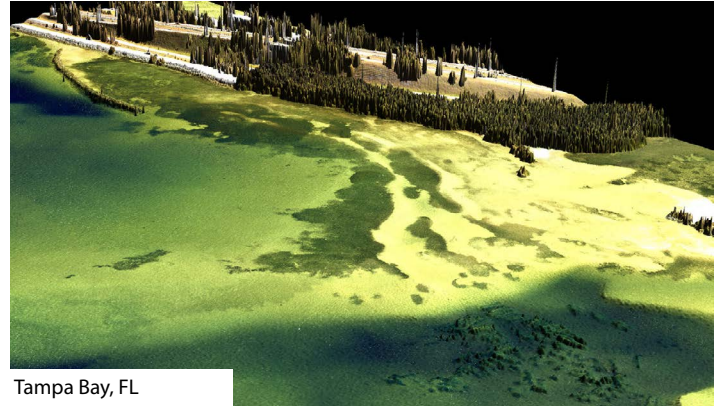
WOOLPERT

ARCHITECTURE | ENGINEERING | GEOSPATIAL

Lidar Solutions



Lauderdale, MS



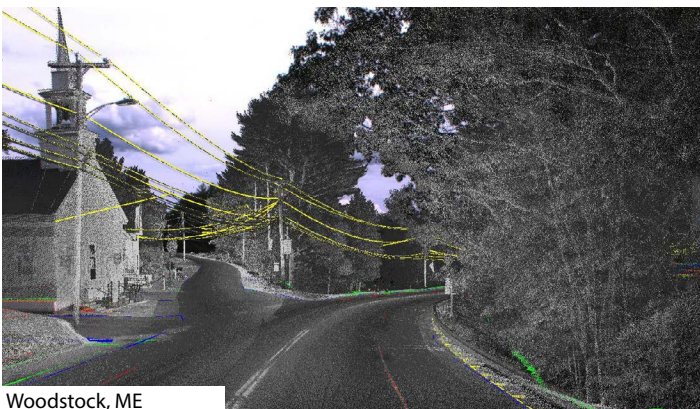
Tampa Bay, FL

Aerial

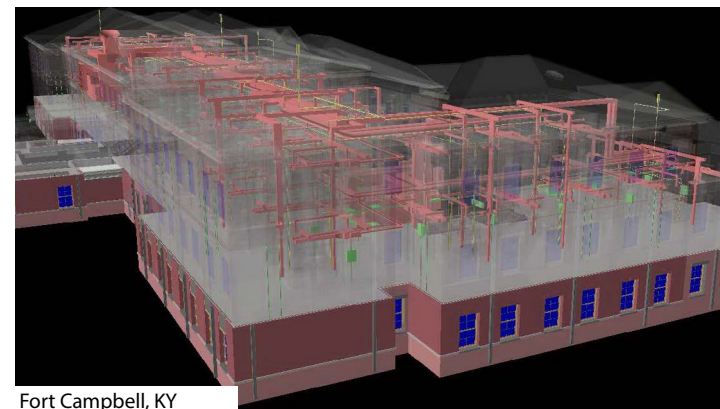
Woolpert's aerial lidar data collection blends the feature- and terrain-mapping capabilities of photogrammetry with dense, foliage-penetrating point measurements at resolutions to one inch. Our state-of-the-art lidar systems provide incredible efficiency by quickly and accurately sampling everything on the earth's surface.

Bathymetric

We provide both shallow- and deep-water bathymetry. By collecting elevation and water depth information simultaneously, we can analyze the entire water column—even in near-shore and riverine environments—and provide detailed data for safe navigation and coastal charting.



Woodstock, ME



Fort Campbell, KY

Mobile

Woolpert's unique mobile mapping system (MMS) combines latest-generation lidar sensors with digital cameras and position and orientation systems to collect dense, highly accurate lidar data from a fleet of mobile platforms (vehicle, ATV, boat or rail car). Perfect for design, 3D modeling and asset management, our MMS keeps survey crews out of dangerous traffic and reduces collection times and costs.

Terrestrial

We provide terrestrial 3D laser scanning used to develop as-built documentation as well as aid in reverse engineering. Because we provide a field-to-finish product, we also deliver highly accurate CAD and GIS models, building information models (BIM) and traditional 2D and 3D CAD drawings.

For more information, please call 800.414.1045
or visit woolpert.com

