

Ceinsys LiDAR Solutions

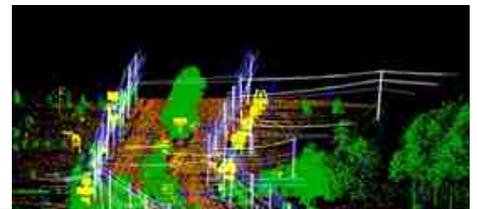
Description

Ceinsys Tech Ltd offers a variety of Lidar processing services from terrestrial, mobile and airborne platforms backed by an experienced processing resources to produce output data in all common formats. Our technical staff is able to produce high-accuracy bare earth models, as well as DTM, TIN, shaded relief models, 3D building information, and Transport asset drawings according to our customer needs.

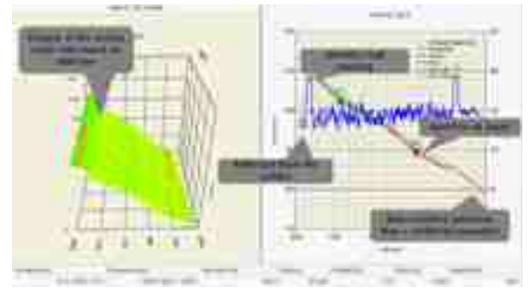
Mobile Lidar Mapping

Our mobile lidar solution includes acquisition, post-processing, and finished map production to support high-accuracy mapping needs. We provide end-to-end solution with the following benefits:

- Flexible collection in the flow of traffic
- Sub-centimeter accuracies on hard surfaces
- 360° scanning and seamless Panorama creation
- Transportation asset inventory collection
- Road Profile and Texture Mapping
- Crack Detection and Analysis
- 3D infrastructure mapping for smart cities
- Heritage mapping
- Surface Modelling



Our state-of-the-art technology equipment from ViaTech, Norway -ViaPPS Mobile Lidar system is equipped with High precision 360 degree laser scanner, inertial measurement , GNSS equipment, 360 degree rotatable Ladybug digital cameras, and Odometer etc. that can be adjusted to meet specifications of individual projects.



Value Add data processing Support

In addition to Mobile Lidar acquisition and processing, we also provide Terrestrial and aerial Lidar processing services to address the customer requirements covering flood plain mapping, Airport Facilities survey, Utilities corridor mapping and monitoring, Transportation and urban planning and 3 D building modelling .

With some of the best technicians are having extensive experience in operating and utilising mobile LiDAR scans, you can benefit from our expertise in guiding project planning and delivery. Because scanning projects have unique requirements, experienced operators are essential to deliver the greatest value out of the point clouds by tailoring the scanning process accordingly.

LiDAR / UAV Software Capability

- Terra Solid
- Orbit GT
- ViaPPS Suit
- Pix 4D
- Meshlab
- Autodesk Recap 360

Resource Strength

- 50 Qualified Resources



Nagardhan Fort Mapping



Sinhagad Fort Mapping



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