



Mobile Mapping

Virtual Mapping of Infrastructure Elements

Nektar 3D Mobile Mapping uses cutting-edge LiDAR technology to accurately survey terrain and infrastructure elements. Nektar 3D helps you create a 3 dimensional digital record of your infrastructure using a variety of different remote sensing techniques. They provide accurate mobile LiDAR surveys in a safe and extremely efficient manner. In a single survey pass, the technology can create a highly detailed three-dimensional representation of the surrounding environment. Nektar 3D scanning equipment can fit onto any moving vehicle or platform, including ATVs, rails and boats.

Benefits

- **Accuracy:** Nektar 3D’s dual-scanner high-precision laser scanning equipment has a scan rate of 2 million points per second, resulting in a density of up to 2,000 points/meter square. This provides you with a highly accurate representation of your scanned region.
- **Efficiency:** Using Nektar 3D’s technology, only a single survey pass at traffic speeds is required to create a highly detailed model of your jobsite. Our staff can collect, process and deliver datasets within days.
- **Safety:** Mobile mapping allows for a single data collection vehicle to safely and efficiently capture data in real time. This eliminates the need for a large crew to be deployed along busy highways or in other unsafe environments.



Features

- **Asset Mapping:** Detailed Collection of job-site assets
- **Transportation Infrastructure:** Pre-Construction/Pre-Design Verification
- **Surface Management:** Pre-construction and design with detailed digital surface models at job sites
- **Parks & Recreation:** Preserve regional attractions in 3D

