

Innovative  
Technological  
Solutions  
for our  
Spatial World



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CERTIFIED TO ISO 9001:2015  
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# GEOSPATIAL OPERATIONS

**LiDAR Scanning & 360 Image  
3D Data Visualization  
Geospatial Data Collection**

# LiDAR Scanning & 360 Image

We are experienced in conducting LiDAR scanning and 360-degree imagery capture for rapid mapping of interior area, road surroundings, buildings infrastructure and many more. Our operation introduces safe work procedures for massive data collection without risking road closure (which can cause traffic issues).

## Applications:

GIS Mapping & Asset Management  
Road & Highway Facilities Management  
Asbuilt Surveying  
3D City Surveying  
BIM



## RIEGL VMQ-1HA Mobile Mapping Scanning

Our RIEGL VMQ-1HA Mobile Mapping System (MMS) is a compact, economically priced High-Speed Single Scanner Mapping System, well suited for a variety of mobile mapping applications.

The system consists of RIEGL VUX-1 HA High Accuracy LiDAR Sensor, a compact control unit for system operation, and a special roof mount for convenient mounting. The fully integrated RIEGL VUX-1HA LiDAR sensor providing 1 million measurements and up to 250 scan lines per second for an outstanding performance in mobile applications.

The integration of LadyBug5+ 360-degree camera, a spherical imaging system, boasts an impressive 30 MP resolution covering 90% of a full sphere; allows simultaneous acquisition of imagery to complement the captured LiDAR data. The aim is to acquire a very precise and accurate georeferenced data of objects of interest as well as data for applications which require this level of geometric precision.

## ZEB Discovery GeoSLAM

The strongest SLAM algorithm on the market, now available with ultra-high definition imagery from the NCTech iStar Pulsar camera.

The dependable lightweight, handheld scanner. Take it with you wherever you go.

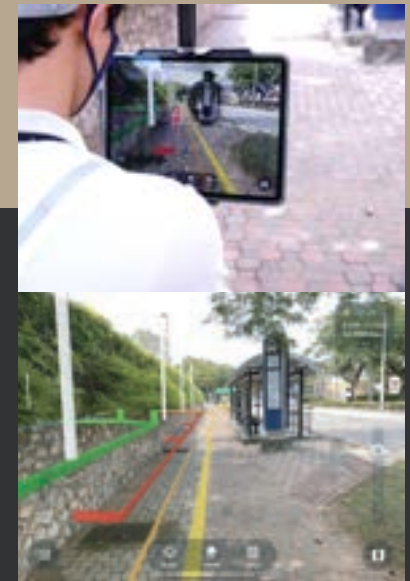


## 3D Data Visualization

Be it underground or aboveground, we are capable of accurately visualizing your 3D data exactly on their location. Whether it's a point (lamp post), lines (pipelines, cables, railways, boundaries), polygon (land size), or shapes (houses, buildings, train station) - we are capable of turning your digital drawings into an augmented reality.

## Applications:

On site high accuracy 3D data visualization  
Utilities and sewerage  
Construction, BIM



## Geospatial Data Collection

A successful project is a result of an effective data collection process. Our team of experienced geospatial surveyors are capable of planning, conducting and compiling surveying works which includes field/site data collection for your projects or requirements. Our expertise includes ground control point (GCP) establishment, topography data collection, and LiDAR scanning services.

## Applications:

Ground Control Point  
Point and Area of Interest  
Environmental Survey

