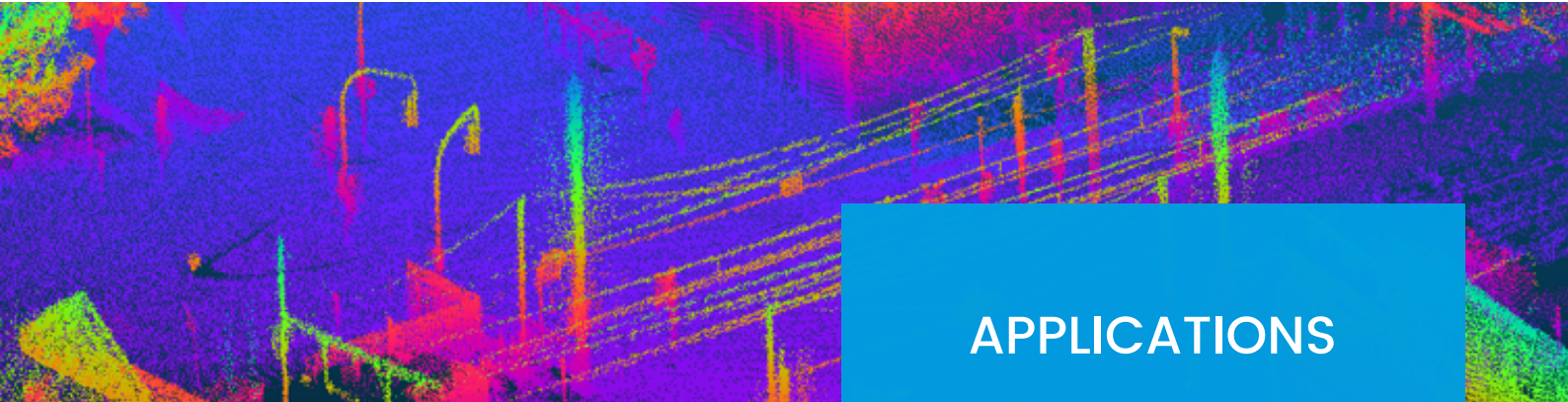


3D MOBILE MAPPING

Effortless Geo-Mapping



APPLICATIONS

Geo-referenced Inventory Management

Streamline your data collection and visualization process in minutes with the intuitive mobile mapping solution, GPC360.

Efficiently detect, inventorize, and measure objects on the street and its surrounding environments - from traffic signs to light poles, parking spaces, power cables to vegetation.

Each item is associated with specific geographic coordinates for very accurate **localisation and mapping**. Also **dimensional characteristics** such as height, length, orientation, shape, ... can be quantified. This enables better resource allocation, maintenance scheduling, and inventory optimization.

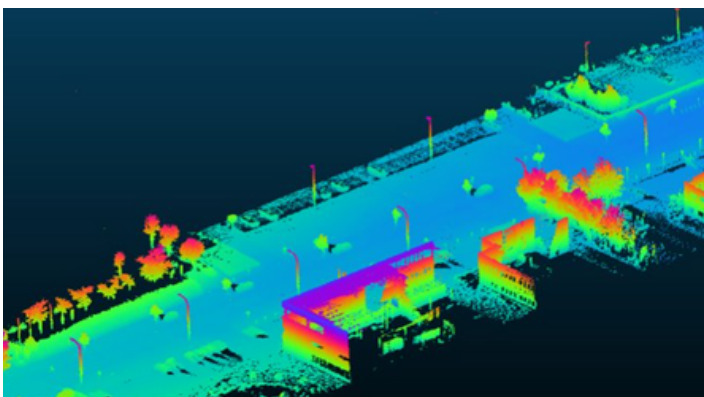
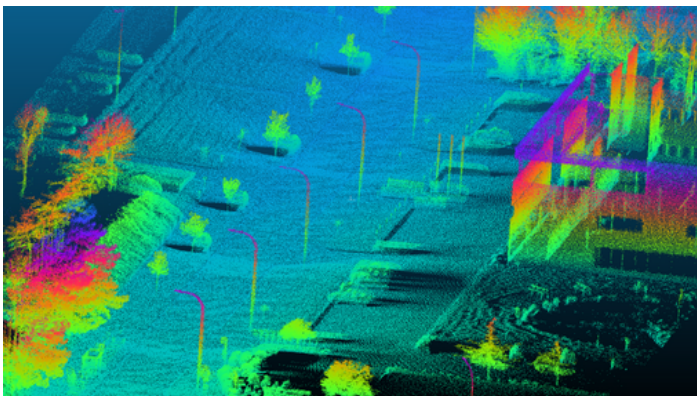
- Asset inventory
- Clearance of passage
- Localised mapping
- Powerline mapping & more..



Mobile mapping solution: GPC360

Point cloud data, generated by lidar sensors, contains millions of individual data points representing the surface of scanned objects.

During post-processing, XenomatiX software integrates the data from multiple sensors, aligning data streams and creating a **comprehensive 3D digital model of the environment**.



COLLECT

PROCESS

ANALYSE

Benefits

The process is **very simple**, the data is collected through a single drive-through, eliminating the need for road closure. Within minutes the collected data is post-processed and visualised in the **user-friendly** UI.

Users can then make informed decisions based on **accurate, geo-referenced and up-to-date** information.

The system is an integrated geo-referenced solution encompassing both hardware and software. An integrated Lidar-GNSS system which collects geospatial detailed 3D information including location, dimensions, and spatial relationships of the surrounding environment.



GPC360

3D MODELLING OF THE SURROUNDING ENVIRONMENT



+32 (0) 16 40 64 34



info@xenomatix.com



www.xenomatiX.com