

GEOSPATIAL SURVEY

WE PROVIDE

PROFESSIONAL & ACCURATE

Geospatial SURVEY Output

What is Geospatial SURVEY?

Geospatial Survey a.k.a. Survey is the technique of determining the terrestrial or three-dimensional positions of points and the distances and angles between them. The planning and execution of most forms of construction require Surveying. It is also used in mapping, transport, communications and the definition of legal boundaries for land ownership.

Our **SURVEY** Methods



5 YEARS EXPERIENCE

GPS / Tachymeter Survey

We provide conventional GPS/Tachymeter based survey. By this, we can provide ground level measurement with very precise gps locations.



5 YEARS EXPERIENCE

Leica Captivate Survey

We offer modern surveying of buildings, roads, waters or any agricultural parcels with Leica software and Leica instruments.



5 YEARS EXPERIENCE

Mobile LiDAR Survey

we can provide point cloud with a very high-density points like few thousands points per square meter.



5 YEARS EXPERIENCE

Survey with Aircraft

We offer land survey with both Airplane and Drone. Survey outputs are Airborne LiDAR, Stereo Images, Oblique Images and ECW.

Our **Partners**

Kavel 10

MUG
INGENIEURSBUREAU

A G E L
adviseurs



Our **Survey** Experiences

HawarIT have an extensive experience in different types of Surveying and have a good number of satisfied clients. We have surveyors with 20+ years of working experience who can offer accurate surveying.



PROVINCIE :: UTRECHT

We **WORKED** for

Basisregistratie Adressen en Gebouwen (BAG) and Waarde van Onroerende Zaken (WOZ)

The Key Register of Addresses and Buildings (BAG) is part of the government system of key registers. Property Valuation Act (WOZ) regulates the valuation of all real estate in the Netherlands for the purposes of, among other things, taxation and the housing valuation system.

For both BAG and WOZ, the administration needs to measure the properties (specially buildings) of each house in the Netherlands. HawarIT is always there to help you with those survey and measurement related tasks.

Our **Survey** Services

Basisregistratie Grootchalige Topografie (BGT)

The Key Register Large-Scale Topography (BGT) is a detailed digital map of the Netherlands. In the BGT, objects such as buildings, roads, water, railway lines and greenery are uniquely recorded. HawarIT offers services of measuring and registering BGT data to the central registration system of the Netherlands (LV).



Orthophoto (Geo-Tiff and ECW), Stereo Image and Oblique Image

Orthophoto, ECW, Stereo Images and Oblique Images are widely used services to collect different features of an area with their geo-location. HawarIT provides surveying using Aircraft to collect photos and deliver in one or multiples of those formats.

LiDAR Point Cloud

Point clouds are widely used modern data collection method. With mobile LiDAR or Airborne LiDAR, this method can collect 3D location of all points on and above the surface. Those data can be used for different types of work including 3D city model, DTM/DSM creation, extracting 2D/3D features with geo-location etc. HawarIT can provide both Mobile and Airborne Point cloud as per client's requirements.

Our SURVEY Methods

GPS / Tachymeter Survey

HawarIT provides conventional GPS/Tachymeter based survey. By this, we can provide ground level measurement with very precise gps locations.

- ⚙ GPS / Tachymeter Survey
- ⚙ Leica Captivate Survey
- ⚙ Mobile LiDAR Survey
- ⚙ Survey with Aircraft





Leica Captivate Survey

Leica Captivate is an industry revolutionizing software for a variety of measurement instruments, including Multi-Stations and Total Stations, that creates the most realistic 3D renderings with familiar apps and easy-to-use touch technology. We offer modern surveying of buildings, roads, waters or any agricultural parcels with Leica software and Leica instruments.

Mobile LiDAR Survey

We can scan an area with mobile surveying with a car. In this method, we can provide point cloud with a very high-density points like few thousands points per square meter. Note that, this method is applicable for those area where car can drive.



Survey with Aircraft



We can collect both point clouds and Stereo/Oblique images as per client's requirements. We do the survey both with Airplane and Drone

HawarIT

A Dutch-Bangladeshi Company

HawarIT is a Dutch-Bangladeshi IT services company established in 2000. HawarIT is specialized in the domain of Custom Software and GIS Applications Development, Engineering Drawing and Modeling, GIS Data Services and Photogrammetry.



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