



Azimuth Company Limited

Making precise and accurate measurements on,
below and above the surface of the earth



Our Mission

To set the standards of excellence in Geomatics across Africa. We will always strive to provide exceptional service to our customers. We will always be willing to go the extra mile to meet our customers' needs. We will always work to be up to date with technology so as to meet our client needs effectively. We will always work, partner and benchmark with the best in the Industry. We will always aspire to be the best and to be passionate, in everything that we do, always.

Aerial Photography

Our 80 M-pixel medium format camera system with integrated GPS/IMU and flight management system is able to acquire high with GSD ranging from 5cm to

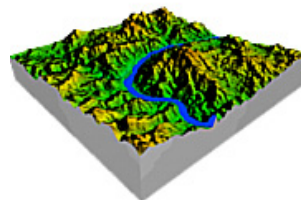


100 cm. This is mounted on our CESSNA 172 with a maximum ceiling of 14000 feet (ASL).

Digital Terrain Modeling

Our high-tech processing software permit us to extract high precision DTM (DSM/DEM) which are required for a wide range of engineering projects

and accurate ortho – photo rectification. Digital Surface Model (DSM) = Ground + surface features while Digital Elevation Model= ground elevation only.



3D City Modeling

The demand for 3D city models has been on the rise in the recent past. By intergrating LiDAR generated DSMs and our multidirectional imagery, we are able to render 3D city model with multiple views This is useful in city planning, virtual cities and many other commercial applications.



About Us

AZIMATH Ltd, is a Leading Consultancy in the fields of Geomatics, Digital Aerial Photography and LiDAR Mapping, Geographic Information Systems, Geodetic GPS control surveys, Topographical surveys, Cadastral surveys, High Definition Surveying, Asset Mapping and in-house software development and systems integration.

The company has invested heavily in appropriate technology for efficient delivery of services and product to its clients. We utilise state of the art field and office equipment thus ensuring that surveys of any kind can be completed on time and within budget. Our field equipment allows us to operate with enhanced efficiency in collecting data. In addition, we utilize the newest survey software to help ensure accurate and efficient data collection and processing.

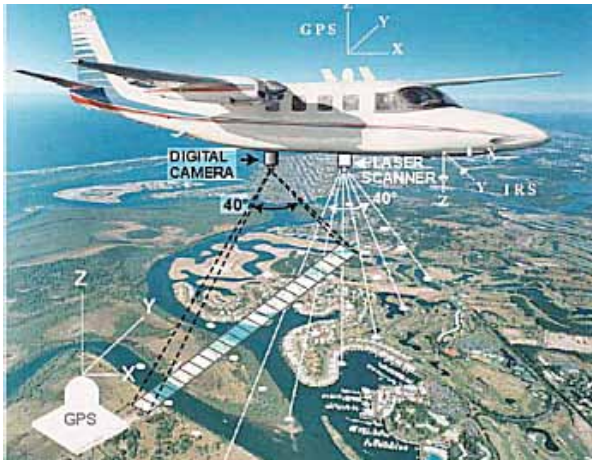
The company has a lean staff consisting of 26 professionals who possess the requisite education, experience, skills, integrity and commitment to quality necessary to meet the standards of our firm as well as those of our client's. Our team consists of professional Surveyors/Geomatic engineers (registered), GIS analysts, Qualified Pilots, Photogrammetry Experts, LiDAR Experts, GIS technicians, survey field crew and administrative staff – all highly motivated .

Our major customers are Engineering Firms, Utility providers, Municipalities, Government ministries/ parastatals, Surveyors, Planners, Environmentalists, international agencies and organizations. We also provide services to individuals at an affordable price.



Our Vision

To be the first consultant of choice for all Geomatics solutions in Africa



Aerial Photography System Integrated with Airborne Lidar



Topographic Mapping

We have invested in enough computers and software to enable fast and accurate vectorization of data for computerized mapping and advanced GIS analysis. These maps are widely used in engineering design and urban planning. Our data sources are majorly orthophotos for large projects and coordinate files from Total Station and Geodetic GPS for small projects.



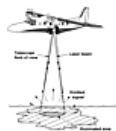
Geodetic & Engineering Survey

In areas where aerial photography/LiDAR is not feasible, our team use the latest Geodetic, Kinematic GPS equipment, Robotic Total Stations and Automatic Levels to carry out Engineering surveys.

Some of the services are: route profiling, setting out, topographical mapping, control establishment, deformation monitoring e.t.c



Aerial Photography with High Resolution 80Mpixel Digital Camera



LiDAR Mapping

LiDAR Survey facilitates the acquisition of data of thousand points over the Earth's surface within a fraction of a second accurately. LiDAR means Light Detection And Ranging.

This technology can find the range and other information about a particular distant object by the means of measuring the properties of scattered light. It is useful in generating accurate Digital Terrain Models useful in engineering design and planning.



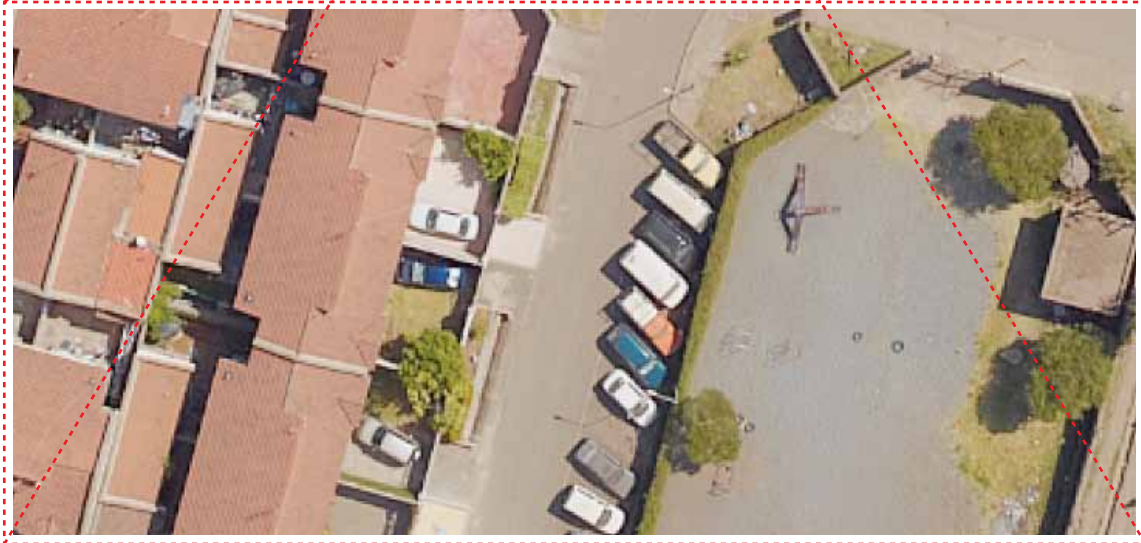
Enterprise Software Solutions Development

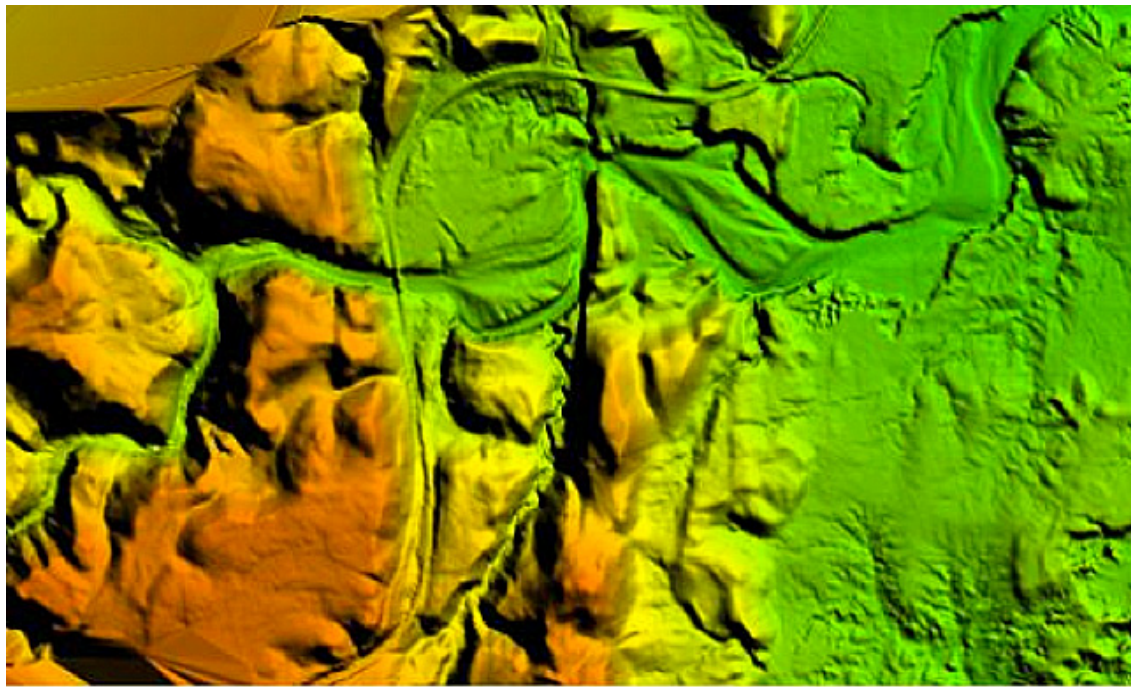
GIS Software Development and Spatial Data

We develop complete/partial GIS software solutions using either proprietor or open source platforms to meet client requirements. Our team of application developers has experience in developing customer specific solutions for our customers. Examples Are Revenue Management Solutions, Web Based Asset Management Solutions, Location Based Services and Mobile Applications.

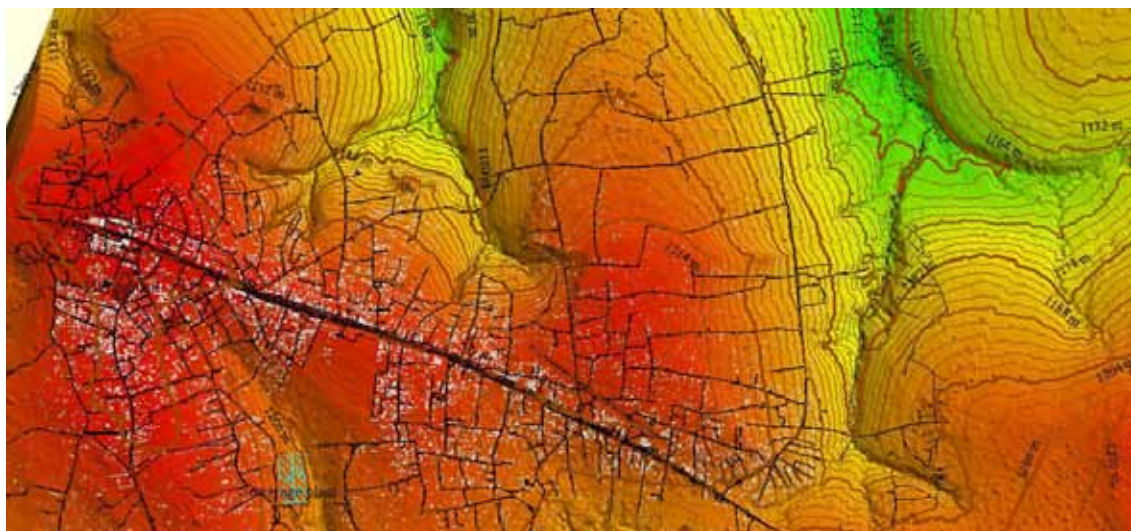


Sample High Resolution Orthophotographs





Digital Elevation Model



DEM with contours



Topographical mapping





Azimath Company Limited
Siwaka Estate House 1, Ole Sangale Road
(Opposite Strathmore University)
P O Box 58585-00200, City Square, Nairobi, Kenya
Tel: +254 (020) 2574034 | Cell: +254 715 791 437
Email: info@azimath.com
www.azimath.com

