



Company **Profile**

Delivering precise and accurate geospatial solutions and expert land surveying to power infrastructure and sustainable development

About Geopin Consult: Company Profile

Geopin Consult Limited is a leading full-service Land Surveying and Digital Map Production company, firmly established in **Nairobi, Kenya**, and strategically positioned to deliver precision geospatial solutions across East Africa and **Africa at large**. Our vision is to be the most trusted and highest-quality provider of surveying services, defined by ingenuity, innovation, and an unwavering commitment to client success, delivering "**Data You Can Build On.**" While headquartered in Nairobi, our licensed experts are routinely deployed to support projects in critical development hubs throughout the region, including major Kenyan cities like **Mombasa, Kisumu, Eldoret, Malindi, and Nakuru**, as well as neighboring nations such as **Tanzania, Uganda, South Sudan, Ethiopia, and Somalia**. This expansive operational scope allows us to empower clients—from property developers and infrastructure firms to government agencies—to build, manage, and secure their assets effectively across a diverse geographic landscape.

Our core strength lies in our comprehensive and technology-driven suite of services, which bridges legal requirements with complex engineering demands. At the foundational level, we provide legally defensible **Cadastral Surveys**, ensuring secure land tenure, title verification, and full compliance with the **Survey Act (Cap 299)** and the **Ardhisasa** platform for land transactions.¹ This legal assurance is complemented by high-accuracy technical services crucial for modern infrastructure: **Engineering Surveys** provide the millimeter-accuracy set-out for major construction projects; advanced **Drone Mapping (UAV) & LiDAR** deliver rapid aerial intelligence for large-scale topographical studies; and specialized **Ground Penetration Radar (GPR)** and **Bathymetric Surveys** map the unseen world, mitigating risk by locating subsurface utilities and charting underwater environments.

What sets Geopin Consult apart is the unwavering professionalism and technical depth of our team, which includes **12+ Expert Members**, Licensed Surveyors, GIS analysts, and certified drone pilots. Our commitment to accuracy is validated by the use of cutting-edge equipment, including **Robotic Total Stations, survey-grade GNSS/RTK**, and high-end GPR units like the LMX200. Every project is executed under the direct supervision of a Registered and Licensed Surveyor, ensuring that our deliverables not only meet but exceed the strictest standards for competency and data integrity. By integrating licensed expertise with proprietary technology, Geopin Consult ensures client peace of mind and delivers timely, superior data, regardless of the complexity or remote nature of the site. To learn more about our specific technology and project portfolio, please visit our website at geopin.co.ke

Vision and Mission

A dark red, faceted gemstone icon representing the company's vision.

VISION

To be the most trusted and highest-quality provider of surveying and geospatial services in East Africa, defined by ingenuity, innovation, and an unwavering commitment to client success

To provide legally defensible, highly accurate spatial data and intelligent mapping solutions that empower clients to build, manage, and secure their assets effectively and sustainably.

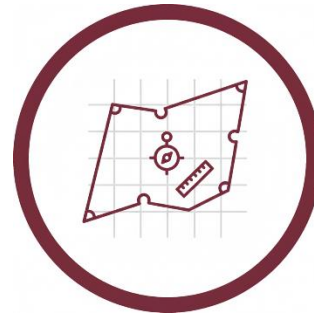
A dark red, faceted gemstone icon representing the company's mission.

MISSION

CORE SERVICES

Cadastral Survey

Cadastral surveys, which are the definitive establishment and re-establishment of **property boundaries**. This service is fundamental to land ownership and legal transactions. We use legal documents, physical evidence, and advanced equipment to delineate ownership rights, resolve boundary disputes, and create accurate parcel maps for government registers. This work is essential for securing land tenure and supporting all real estate development.



3D Mapping

Our comprehensive 3D mapping services, capturing the spatial coordinates (**X, Y, and Z**) of terrain and objects to create highly detailed, three-dimensional models. Utilizing technologies like LiDAR, photogrammetry, and specialized scanners, we generate precise digital elevation models (DEMs) and complex meshes. This is invaluable for visualization, precise volume calculation, and creating accurate "digital twins" of infrastructure and construction sites.



Bathymetric Survey

Professional bathymetric surveys, focusing on measuring the **depth and underwater features** of bodies of water, including oceans, rivers, and lakes. Using high-resolution echo sounders and sonars mounted on vessels or specialized drones, we create essential nautical charts and precise maps of the seafloor. This service is crucial for navigation safety, port development, pipeline routing, and assessing coastal erosion and habitat preservation.



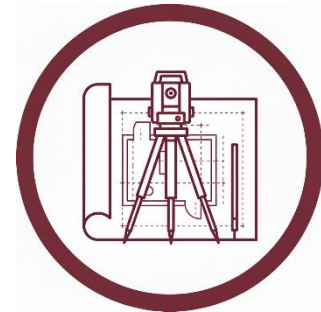


Drone Mapping

We offer efficient drone mapping (UAV photogrammetry) services, using aerial platforms equipped with high-resolution cameras or LiDAR sensors to safely and quickly collect geospatial data. The collected imagery is meticulously processed to produce accurate orthomosaics, high-density 3D point clouds, and digital surface models (DSMs). This method is highly effective for large-area surveys, rapid site inspections, volume estimates, and monitoring construction progress.

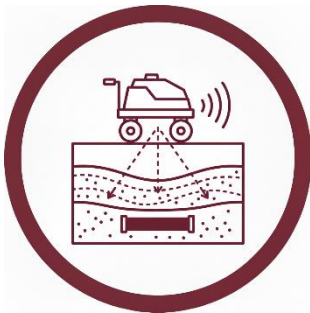
Engineering Survey

Specialized engineering surveys to provide precise spatial information **before, during, and after** civil engineering projects. This involves setting out design elements, such as roads, buildings, and utilities, to ensure that construction aligns perfectly with the planned specifications. Our key tasks include establishing control networks, precise levelling, deformation monitoring, and volume calculations, which are vital for structural integrity and project quality control.



GPR Survey (Ground Penetrating Radar)

At Geopin, we offer Ground Penetrating Radar (GPR) surveys, a critical non-destructive method that uses radar pulses to image the subsurface. We detect and map features and objects beneath the ground, such as **underground utilities (pipes/cables), rebar in concrete, and geological anomalies**. This technique is essential for preventing damage during excavation, assessing infrastructure condition, and safely providing an accurate 'x-ray' of what lies below.



Topographical Survey

Detailed topographical surveys measure all the **natural and artificial features of a land area**, including elevation changes, contour lines, existing structures, and vegetation. The resulting topographical map shows both the horizontal location (X, Y) and vertical relief (Z) of the terrain. This foundational data is essential for accurate site planning, architectural design, drainage studies, and virtually all land development and infrastructure projects.



Sectional Titling Survey

Precise sectional title surveys to facilitate the legal subdivision of multi-unit developments into individual ownership. This involves defining unit boundaries, common property, and exclusive use areas to ensure that registration aligns perfectly with land registry requirements. Our key tasks include preparing sectional plans, calculating participation quotas, median line measurements, and geo-referencing block plans, which are vital for securing property rights and enabling independent asset transfer.



RECENT PROJECTS

Description	Client	Country
GPR survey Bugoye Hydro Power Limited in Kasese, Uganda (1 KM)	Bugoye Hydro Limited	Uganda
Topographical Survey for Kenya Power Sites In Mandera And Wajir Counties (45 Acres)	Hypertech and REREC	Kenya
Topographical Survey for Somali National Army in Mogadishu (30 Acres)	SNA and EU	Somalia
GPR Survey for Nairobi Central Railway City	KRC	Kenya
GCPs for Drone Mapping in Nanyuki	Astral Aerial	Kenya
Geospatial Data Collection for Drought Resistant Trees Species in Makueni	JICA and Komatsu	Kenya
Topographical Survey for North Horr - Ileret - Ndarathe (A4) Road (115 KM) in Marsabit	KeNHA and Norken International	Kenya
GPR Survey for 300 years Old Archeological Sites in Lux Manda in M, Tanzania	RICE university, USA	Tanzania
Drone Lidar Aerial Maping for Bugoye Hydro Plant in Kasese, Uganda (3200 Ha)	Bugoye Hydro Limited	Uganda
Topographical Survey for Jamhuriya University Of Science and Technology in Mogadishu, (12 Acres)	Mustaxiil Construction Limited	Somalia
Topographical Survey for A & HSite in Kismayu, Somalia (46 Acres)	Somali Fuel Company	Somalia
Topographical Survey for Kenya Defence Forces in Ngong, Kajiado County (105 Acres)	KDF and China Wu Yi	Kenya
GPR Survey for Nairobi Express Way (32 KM)	KeNHA and Ecospace	Kenya
Engineering Survey and Setting out for Royal Hospital in Mogadishu, Somalia	Mustaxiil Construction Limited	Somalia
Drone Mapping and Topographical Survey for Spatial Planning for Turkana County Government in Kainuk Town (1550 Acres)	Supreme Plans Limited	Kenya
GPR Surveys for Japan International Cooperation Agency at 7 Round-about and Junctions in Nyali, Mombasa County	JICA	Kenya
GPR Survey for Central Bank of Kenya in Nairobi (500 SM)	CBK	Kenya



Cadastral Survey and Setting Out Boundary Wall for Kenya Civil Aviation Authority in Syokimau, Nairobi (4550 Metres)	KCAA and Atlas Construction	Kenya
Topographical Survey for Kilimanjaro Academy in Bisil, Kajiado County (20 Acres)	Kilimanjaro Academy	Kenya
GPR Surveys for Kenya Petroleum Refineries Limited in Changamwe, Mombasa County	KPRL and PES	Kenya
GPR Survey for Gethrudes Hospital in Muthaiga, Nairobi County	Geogreen Limited and Gethrudes Hospital	Kenya
As-Built Surveys for Bukura – Shibuli Road in Kakamega County (5 KM)	Mataanow Construction Limited	Kenya
Topographical Survey for Dayspring Academy in Kariobangi, Nairobi County (7 Acres)	Supreme Plans Limited and Kenya Deliverance Church	Kenya
Cadastral Survey and Subdivision to 10 Portions in Tigoni, Kiambu County	Obita Planners	Kenya
Topographic survey of Australian High Commission Residence in Nairobi	Australian Embassy	Kenya
Topographic survey of St Luke's Orthopedic and Trauma hospital in Eldoret, Uasin Gishu County (6 Acres)	St Luke's Orthopedic and Trauma hospital	Kenya
Setting out of a holiday cottage homes, artificial dam, floating bar, hotel areas and access roads in Namanga, Kajiado County	EvBanks arch ltd	Kenya
Topographic survey and setting out for Residential Bungalow in Kisii	Brick and Allied Ltd	Kenya
Conformation of property boundary and Reestablishment of missing beacons	Moi Educational Center	Kenya
Setting out and topographical survey of a road section in Tatu City	Kenya Wines and Tatu city	Kenya
Drone Lidar Aerial (UAV) Mapping for Kikagati Power Plant in Kikagati, Uganda (4500 Ha)	Kikagati Power Limited	Uganda



COMPANY DIFFERENTIATORS



Licensed Compliance: All work is supervised and certified by **Registered and Licensed Surveyors**, guaranteeing adherence to the highest standards of competency and all relevant land laws.



Technological Innovation: Commitment to continuously adopting the best global geospatial technology and methodologies. Utilizes high-end equipment like **GNSS/RTK**, **LiDAR**, and advanced **GPR** units (LMX200, USRadar Q5).















Client-Centricity: Focused on prioritizing clear communication, understanding specific project needs, and ensuring timely delivery.



Thought Leadership: Maintains a "Geospatial Insights Hub" (Blog) to position the company as a thought leader in the industry.



OUR CLIENTS

		
<p>Kenya National Highways Authority www.kenha.gov</p>	<p>Rural Electrification and Renewable Energy Corporation</p>	<p>Kenya urban roads authority</p>
		
<p>Berkeley Energy Uganda</p>	<p>United Nations Office for Project Services</p>	<p>St Luke's Orthopaedic & Trauma Hospital</p>
		
<p>Kenya Electricity Generating Company</p>	<p>The Kenyan Government</p>	<p>Rice University, USA</p>
		
<p>Norken International Limited</p>	<p>Australian Embassy</p>	<p>Somali Oil and Gas Company</p>

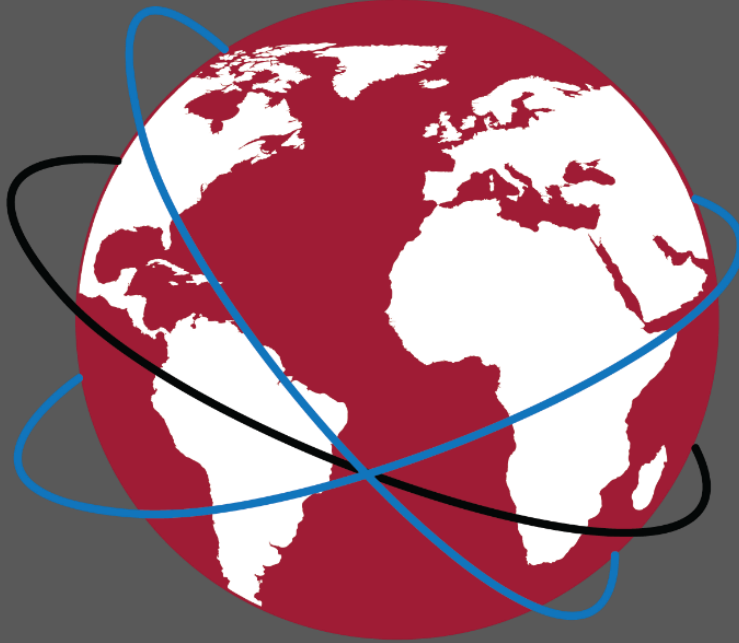


		
Tatu City	Central bank of Kenya	88 Nairobi's ICON
		
Infinity Development Limited	Boma Yangu: Affordable Housing Program	Nairobi Express way
	 1.5	
Japan International Cooperation Agency (JICA)	Brick and Allied Limited	Astral Aerial
		
Nairobi City County	Kenya Railways Cooperation	Komatsu



 <p>CHRIST IS THE ANSWER MINISTRIES [CITAM]</p>		 <p>THE NAIROBI HOSPITAL</p>
<p>Christ Is The Answer Ministries (CITAM)</p>	<p>Jamhuriya University Of Science and Technology</p>	<p>The Nairobi Hospital</p>
		
<p>ISUZU East Africa</p>	<p>Supreme Plans Consultants Limited</p>	<p>Golden Africa Kenya Limited</p>
		
<p>Kenya Petroleum Refineries Limited</p>	<p>Kenya Civil Aviation Authority</p>	<p>Kenya Wines Agency Limited</p>





CONTACT US

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