



**DynamicNav
Systems**

Company Profile



WHAT WE DO:

Dynamicnav specializes in Telecom, Energy, ICT, and media turnkey solutions from Site Acquisition Services, Surveys, Designs, Construction, and eventual Installation/commissioning and maintenance of the infrastructure.

Site Acquisition, BTS Green Field Site Surveys, Designs, Constructions, and Installations of MNO (Mobile Network Operator) Transmission Systems. We also specialize in;

- Fiber/Microwave links.
- Drive Tests:
- Radio.
- SWAPS.
- Recoveries.
- Racks installations and Recoveries

We have also done Installations of GSM Systems which include;

- BTS Installations, Siemens BS240 and BS241 Racks,
- Huawei BTS 3900 and BTS 3900A.
- NSN Flexi BTS family (Multi-Radio, 2G and 3G flexi BTS & WCDMA Flexi BTS).
- BTS Commissioning and Integrations
- RF civil works (Antennas and Feeder Systems Installations).

GSM Network Optimization which includes;

- Addition of Antennas, Antenna swaps, addition of BTS Cabinets.
- Change of Mechanical Tilts and Electrical tilts, Antenna azimuths.
- Change of sector height.
- DC and AC Power upgrades.

BTS Site Build, Commissioning, and Integration

- Site BUILD, Installation and Commissioning, Software Integration and putting site on air
- Transmission EI Routing from Site to BSC.

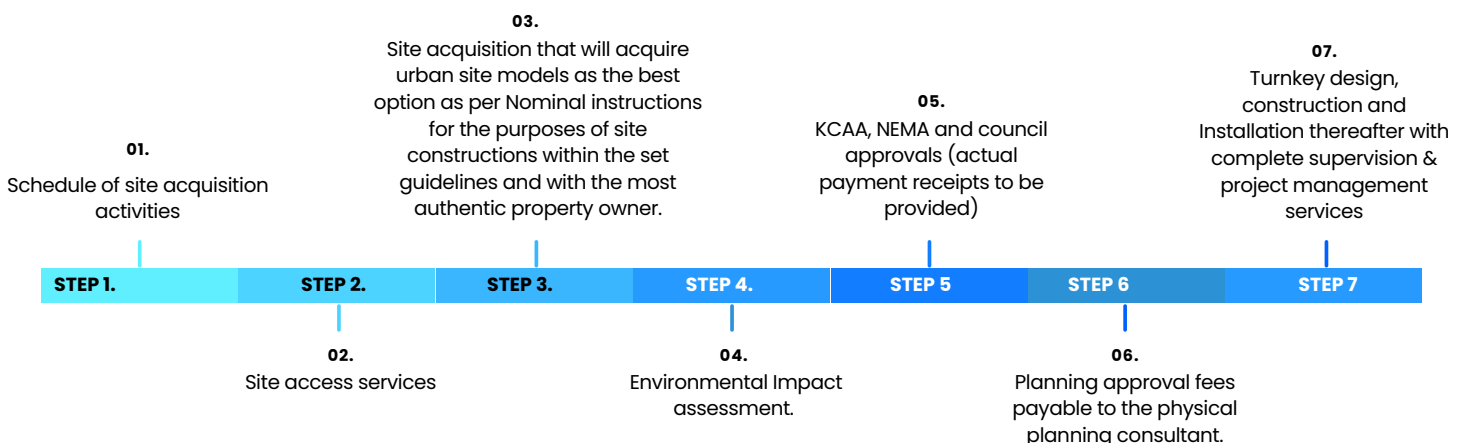
Installation and commissioning of Broadband Wireless Systems for both Data and Speech.

These include:

- Base Control Systems

Customer Premises Equipment (CPEs)

SITE ACQUISITIONS PROCESS



OUR ENGINEERS:

NAME	QUALIFICATION:	RELEVANT EXPERIENCE
Nzioka Alex - Lead Energy, Telecoms and Technology Services.	BSc_ Comp Science. ITIL v3 Admin & Manager. CCNA. RedHAT 4.0 Admin. IMIS.	Alex Nzioka our lead has over 15 years experience in the Telecoms and IT services industry
Engineer Farhan Salim- Technical Lead, Energy, Telecoms and Technology Services.	BSc_ Electrical and Electronic Engineering	Eng. Farhaan our Telecoms, Energy and Technology lead. Has over 15 years experience in these industry.
Engineer Patrick Mwaura- Head Project Manager.	BSc _Civil Engineering	Has enormous experience in Civil Engineering as Project Manager overseeing our projects from inception to handing over.

SITE ACQUISITIONS & NEGOTIATION SERVICES:

A client engaging us to provide site acquisition services will be an experienced staff person as their initial point of contact, who will be in charge of overseeing the job and reporting to the client. The team member will have years of experience working on-site acquisition projects in Kenya and East Africa. The project team will be stretched to meet the project's expectations; the overall human resource input will be determined by the number of sites to be acquired and the timeframe. We are ready and equipped to build and resource a team to meet the client's site acquisition needs, whatever they may be.

The expert staff has extensive experience in the Kenyan acquisitions business. The capacity of the agent to execute a contract with an owner promptly and at the lowest rental and increment, and if essential, to get NEMA Licenses and Building Permission from the local authority, are key talents in site acquisition. Our goal is to carry out these processes as effectively as possible so that sites may be built and commissioned as soon as feasible, minimizing expenses and increasing income for our clients.

OTHER TELECOMMUNICATION SERVICES WHICH WE OFFER INCLUDE:**Technical Surveys which include,**

- Link LOS survey.
- Technical Sites Survey.
- Fiber Laying.

OTHER TELECOMS ELECTRICAL SERVICES WE DO:**Power systems:**

HYBRID Power Installations

- Installation, Testing & commissioning of Power Control Systems
- Installation, Testing & commissioning of Power Distribution Boards
- Installation and Commissioning of UPS Systems
- Installation and Commissioning of AC Generators
- Other Power Supply Equipment such as Tower Light Systems

Telecom Managed Services:

Telecom Managed Services typically include establishing, operating, and managing day-to-day operations of a telecom operator's network, services, and business support systems. The term also covers the case where a provider takes responsibility for providing the required network-managed services to an operator, when and where needed, as well as hosting content, applications, and enablers.

Active Maintenance (FLM)

Dynamic Nav Systems, provides Active Maintenance (FLM) Services, 24 x 7 x 365 days for on/off site event maintenance of the telecommunications network. These include Corrective/Preventive Maintenance of Telecom Equipment, Access Networks (BSC / BTS Transmission PDH/ SDH), and Microwave Links.

Passive Maintenance

Dynamic Nav Systems provides passive maintenance, 24 x 7 x 365 days for all passive equipment of the telecommunication network. These include ancillary equipment such as Generator Sets, Batteries, Tower Assemblies, Shelters, Air Conditioners, Rectifiers, Fencing, and Site Refueling.

Intelligent Site Management

Dynamic Nav Systems offers intelligent, comprehensive solutions for managing all types of physical network infrastructure for the operator's sites. This highly sophisticated site management solution helps reduce OPEX and maintain SLA requirements. Features include Site Monitoring Management & Control, Performance Management & Remote Access, and Event & Element Management.

11 ENERGY SERVICES:

HIGH VOLTAGE TRANSMISSION LINES (DESIGN, SURVEY, CONSTRUCTION, INSTALLATION & MAINTENANCE)

High Voltage Power Transmission Line:

- Installation of 240kV Transmission line to Kenya Power Clients through KETRACO.
- Installation of 415kV main transmission lines.
- Installation of 132kV Transmission Line

Transmission line survey and Design

Once the work plan has been designed. A team of experienced engineers is dispatched to the identified location points and a technical site survey report is conducted. Our multi-skilled team shall undertake to evaluate the site in areas of landscaping, azimuth, access, drainage, main grid power supply points, and Obstacles, or interferences.

The visit shall also seek to establish water points, quarries for sand and aggregates (foundation), and available community local manpower (semi-skilled or un-skilled).

A site report is then prepared and relevant engineering drawings are made and submitted to the various authorities.

OTHER ELECTRICAL SERVICES OFFERED ARE:

- Installation, Testing & commissioning of HYBRID POWER SOLUTIONS:
- Installation, Testing & commissioning of Power Control Systems.
- Installation, Testing & commissioning of Power Distribution Boards.
- Installation and Commissioning of UPS Systems.
- Installation and Commissioning of AC Generators.
- Other Power Supply Equipment such as Tower Light Systems.

POWER TRANSMISSION LINE SURVEY & CONSTRUCTION:

Once the work plan has been designed. A team of experienced engineers is dispatched to the identified location points and a technical site survey report is conducted.

Our multi-skilled team shall undertake to evaluate the site in areas of landscaping, azimuth, access, drainage, main grid power supply points, obstacles, or interferences.

The visit shall also seek to establish water points, quarries for sand and aggregates (foundation) & available community local manpower (semi-skilled or un-skilled).

A site report is then prepared and relevant design engineering drawings are made and submitted to the various authorities.

INSTALLATION COMMENCES ON APPROVALS FROM THE CLIENTS.

WE HAVE SPECIALIZED IN THE ERECTION OF THE FOLLOWING TOWERS;

- KETRACOs
- ERECTION OF 240kV.
- ERECTION OF 415kV main transmission Lines.
- ERECTION OF 132kV Transmission Line.

Our Partners





DynamicNav Systems

Contact Us



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