



COMPANY PROFILE

A true partnership you can rely on...

WHO we ARE

OUR VISION

To be the leading automation system integrator in East Africa in both market share and reputation

OUR MISSION

To provide you with cutting edge technology & on point service delivery in the field of control & Automation systems

Flexpower Automation & Controls Limited is an Engineering company offering Automation and controls solutions as well as consultancy services. We are experts in industrial Programmable Controller systems that control & monitor your work and process data making it easier for you to supervise production and make informed business decisions.

The engineering sphere is ever changing therefore, we tailor our offerings to include alternative technologies and incorporate new innovations and designs for the highest productivity. We specialise in and speak automation in all its programs and platforms from Siemens, Schneider Electric, Omron PLCs, Delta and others to suit your needs and improve your system productivity.

At Flexpower, we understand that growth is constant and want to grow with you as we execute your projects to perfect completion. We do this by matching you with genuine electrical controls products, installing them and servicing them often guaranteeing that no rogue “fundi” technician does a disservice to your machinery and/or project.

We aspire to be the leading sustainable automation and controls solutions provider globally with a pool of innovative engineers ready to serve you wherever you are.

Contact us for all your consultancy, automation and controls needs

the flexpower culture

We are Flex...ible

We are passionate about automation as; we believe in making your work easier and efficient. We love to design, assemble, upgrade and re-invent machines systems. We are driven by our desire to provide solutions and desire to hold and create space for young engineers to be innovative with us.

We are flexible & take pride in creating effective engineering solutions for you.

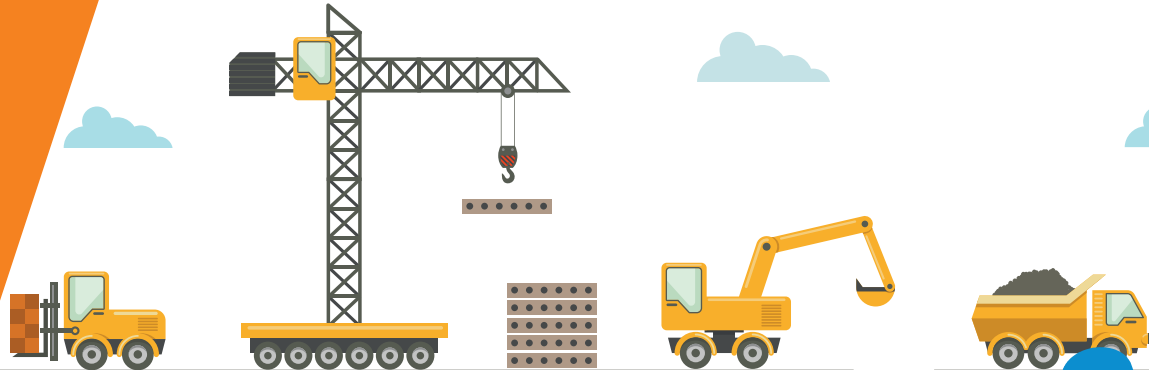
We are Flexpower.



“

OUR SERVICES

We are the go-to company for Automation, controls & consultancy services, offering you customized expert solutions.



automation solutions

We shall meet your automation needs, choose Flexpower

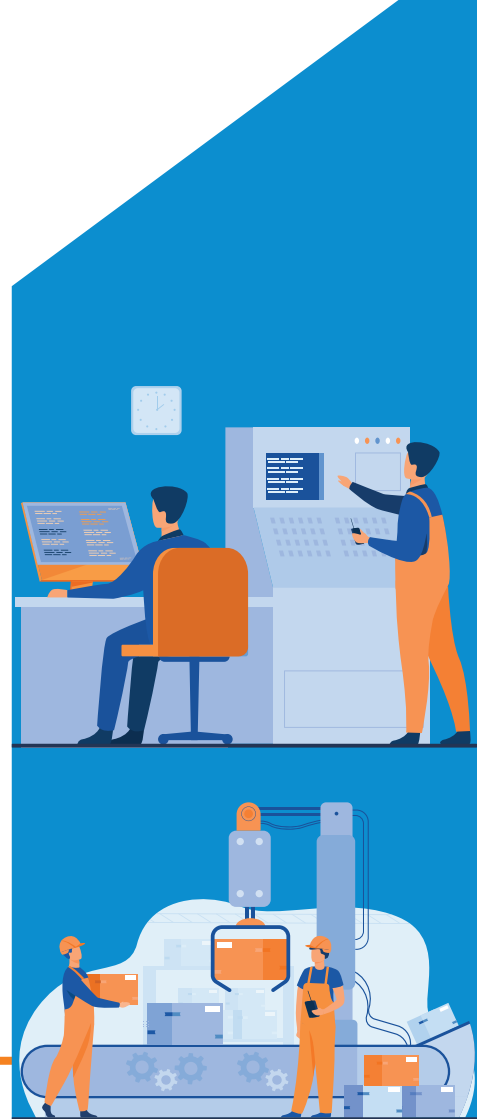
We offer reliable automation systems and solutions for industrial plants, manufacturing factories, transportation, water & distribution, oil and gas industries for increased efficiency. The Programmable Logic Controllers (PLCs) and Supervisory Control and Data Acquisition (SCADA) systems not only ease your work, but also monitor and control manufacturing processes, acquire and transmit data that can help you plan your production and anticipate any breakdown to plan ahead.

Our systems allow for machinery to function without the constant presence of humans thus can help you reduce the costs of operations and allow you to focus your resources on other profitable ventures.

Whether you need an automatic gate installed or sophisticated systems for Controlling & monitoring your processes, our team will design, install, and equip you/your employees on how to use these machines minimizing downtime.

Our automation solutions include:

- ✿ Programming, Installation and Commission of PLCs, HMI & VFD
- ✿ Supervisory Control and Data Acquisition (SCADA)
- ✿ Pump Monitoring Systems (PMS)
- ✿ Automation Tank Gauging Systems
- ✿ Tank Monitoring and Automation System
- ✿ Automatic gates and school bells
- ✿ Automatic Lighting
- ✿ Remote wireless monitoring and control systems



automation solutions

SCADA



VFD



PLC





controls solutions

We are fully equipped to design & manufacture high-quality switchboards and control panels for use widely in electrical installation in industrial and commercial setups. We offer product replacements, panel retrofits, upgrades, installation, commissioning, and maintenance.

Some of the Manufacture functional designs include:

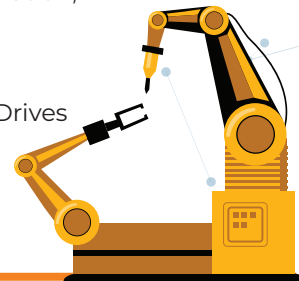
- ✦ Low voltage distribution boards
- ✦ Motor Control Center panels
- ✦ Automatic Power Factor Correction Banks
- ✦ Automatic mains failure (AMF) panel
- ✦ Pump control panels,
- ✦ Heat control panels,

We are competent at electrical installations for all industrial and commercial set ups.

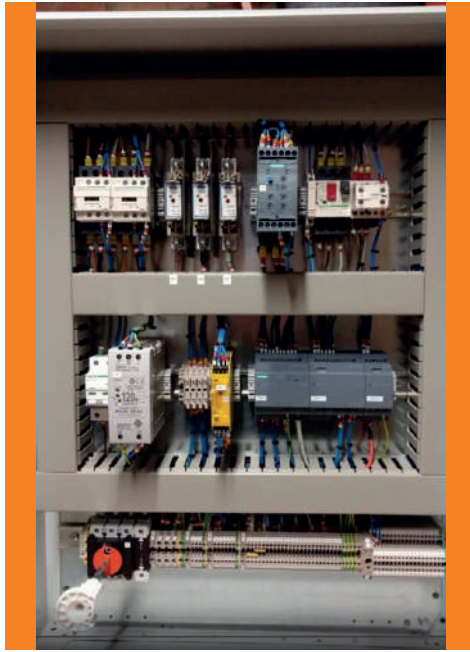
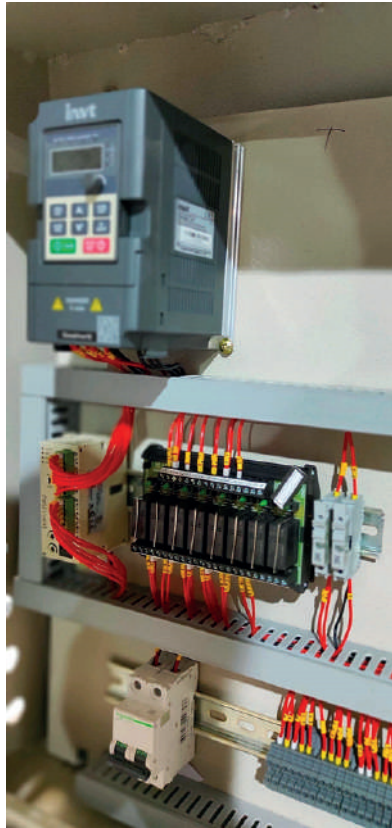
We stock genuine high-quality products and offer after sales services and maintenance for longevity. We have spare parts for when your products wear out, do unmatched panel retrofits, installation, upgrades, and maintenance.

Some of the product we stock are

- ✦ Low voltage switchgear includes ACB, MCCBS, MCBs, Contactors, Soft starters, Motor Drives
- ✦ UPS & AVR
- ✦ Power Supplies
- ✦ Cables
- ✦ Terminal Blocks



controls solutions



Motor Control Panel

instrumentation solutions

At Flexpower, we are equipped to support you on various types of instrumentation solutions used to measure temperature, gas and fluid flow rates, fluid levels, pressure, and pH in production, among others.

These instrumentation and process control products monitor, maintain and control equipment for improved production, product consistency, quality management, and workplace safety in manufacturing and processing facilities.

Our product offering includes:



Differential pressure transmitter



Pressure gauges



Pressure Transmitter



Precision digital pressure gauge



Pressure Sensor

I. Pressure Instrumentation which includes various pressure gauges, transmitters, sensors, and transducers that are used to measure and display the units of pressure of a fluid or gas. Transducers, transmitters, and sensors measure the pressure in pumps, pipes, tanks, and other processes and then send a signal to a display, controller, HMI, or other device.

instrumentation solutions (cont.)

II. Temperature instrumentation includes a wide range of field instruments and sensors used to measure temperature in commercial and industrial systems i.e. Temperature Controllers, Temperature transmitters, Temperature Switches, Thermal imagers etc. from WIKA, NOSHOK, & TURCK



Temperature Switches



Resistance Temperature Detectors (RTDs)



Temperature Controllers



Temperature Transmitters



Temperature Detection Sensors

III. Flow Instrumentation involves determining the movement of a fluid or gas through a pipe or channel. There are two forms of measurement typically used: volume and mass. The devices used to measure the mass or volumetric flow rate of a liquid or gas include mechanical flow meters, differential pressure-based meters, variable area meters, electromagnetic flow meters, thermal mass flow meters, and more from KROHNE & WIKA



Electromagnetic Flowmeters



Electronic Flow Switch



Coriolis Mass Flowmeter

instrumentation solutions (cont.)

IV. Level Instrumentation includes a range of level measurement equipment including switches, controllers, transducers, and radars. These instruments play a vital role in ensuring silos, tanks and vessels maintain levels that are within safe operating limits. This not only protects equipment but helps prevent environmental and safety hazards i.e. Ultrasonic sensors, Capacitance Probe Switches, Non-Contacting Radar sensors, mechanical Float switches...



Level Transmitter



Vibration level switch
with cable Extension



Float Switch



Capacitance Level Switch

consulting services

When you think automation, think Flexpower

Flexpower is led by trained and certified engineers with years of experience in the automation and controls field who can guide you every step of the way. We have both the technical and professional know-how to help you navigate your industrial processes easily and break through into the market.

Our doors are open for individuals and companies to get adequate training, consultancy services that address pertinent problems, suggest and create solutions that are proven to work. We specialise in diagnostics, application design, turnkey engineering projects and training.

Here, we shall hold your hand through the tough stuff and prepare strategies you can apply for great returns on your investment.





OUR CORE STRENGTHS

Why choose us?

✦ **Flexibility:** We live up to our name through introducing new products in the market, adjusting rigid structures while maintaining high quality standards of work

✦ **Customer-centric approach:** Our clients govern the nature and timelines of work that we do for them. We tailor your needs to our service and deliver

✦ **Excellent service:** From customer care to actual project work, we are dedicated to ensuring that you get high quality products and services at competitive market rates

✦ **Proven expertise:** Our team of professional engineers have worked on demanding projects to our clients' satisfaction

✦ **New tech:** We are open to new innovations in tech to improve our work quality

“

CORPORATE/SOCIAL RESPONSIBILITY

We are conscious about the earth and her people, and work towards sustaining her through the following processes.



1. Social responsibility



✳ **To the environment;** We remain cognisant of the work we do and do not release hazardous waste from our plants to the environment. We have specific garbage disposal initiatives for toxic and non-biodegradable waste

✳ **To the people;** We hope to empower young talents in the engineering community to join us in making sustainable changes in both our clients and their lives



2. Economic responsibility

- ✦ Flexpower remits taxes on time for the government to handle its own projects and provide a suitable infrastructural environment for us to work in
- ✦ Buy raw materials from locals and ensure that money circulates within the community

3. Safety



- ✿ Our engineers and contractual employees wear protective gear in the field to prevent accidents
- ✿ We abide by set National Construction Authority (NCA) guidelines and other ISO compliances
- ✿ We involve licensed engineers to perform skilled operations



The Team

Titus Mutunguti

Managing Director

t.mutunguti@flexautomation.co.ke

Titus is an ambitious problem solver with a keen eye for details. While he ensures that everything goes by the book and structure, he is accommodative to new ideas that result in excellence. He has a Bachelor of Science degree in Electrical and Electronics Engineering from Jomo Kenyatta University of Agriculture and Technology.

Isaiah Manyala

Technical Director

imanyala@flexautomation.co.ke

Isaiah is an outspoken creative who doesn't mind a twist to rigid layouts to add in some flair. He is great at communications, a people person and deals with day to day public relations for the company. He is passionate about automation and serves as the Technical Director at Flexpower. He studied Electrical, Electronics and Communication Engineering at Moi University.



PORTFOLIO



TURCK



SIEMENS



GLOSSARY OF TERMS AND ABBREVIATIONS

- PLC** - Programmable Logic Controllers
- HMI** - Human Machine Interfaces
- SCADA** - Supervisory Control and Data Acquisition
- APFC** - Automatic Power Factor Correction Panels
- RTD** - Resistance Temperature Detectors
- DMM** - Digital Multi Meter
- IR** - Infrared
- VFD** - Variable Frequency Drive
- AC** - Alternating Current

CONTACTS

Flexpower Automation & Controls Ltd.

Website: www.flexautomation.co.ke

Phone: +254 701 089 536

Address: P.O BOX 61094-00200, NAIROBI

3rd Floor, Winstonia Business Centre,
Airport North Road, Off Mombasa Road

Email: info@flexautomation.co.ke

