

MACOSINE

*bringing innovative power engineering solutions
within reach for utility, commercial and industrial sectors.*

COMPANY PROFILE

Energy Solutions & Development,
Product Manufacturing & Sales, Equipment
Distribution & Sales, Data and Cloud Services

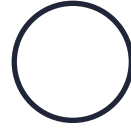


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ABOUT US

Macosine is an emerging technology, engineering and an energy investment company incorporated by the Corporate Affairs Commission in 2018 with registration number RC 1465832.

Our experience in integrating intelligent power technology, research and development, electrical equipment manufacturing, power facility operation and maintenance services, and new energy technology development for the African Power industry has gained us the reputation and competence needed to offer profitable solutions to our customers.

With the advancement in digitalization and technology, Macosine and its partners bring upswing intelligent grid solutions that embody interoperability, network security, and connectivity to make grid control more transparent while collecting important information from all levels of your distribution network.

We offer products such as Prefabricated substations, Smart electric meters, HV Switchgear, Low Voltage Switchgear, Reactive Compensation devices, Busbar, Energy saving distribution Transformer, Cable trays, Inverters, and Solar panels, and our services include electrical equipment assemblage, application analysis, operations and maintenance, engineering consulting, and new energy development.

HEALTH, SAFETY & ENVIRONMENT (HSE) POLICY

Macosine is committed to ensuring that our operations are conducted with zero harm to all people and the environment and the quality of our products and services are upheld and consistently maintained.

CORE VALUES



TRANSPARENCY



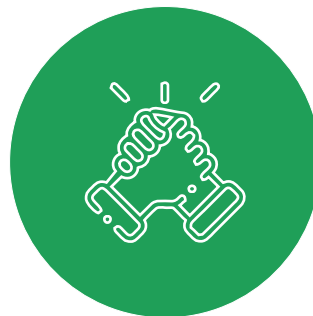
EXCELLENT SERVICE DELIVERY



INTEGRITY



ACCOUNTABILITY



TEAMWORK

MISSION & VISION



MISSION

To enhance the power sector across Africa through our cutting-edge electrical distribution equipment and energy technology products.



VISION

To transform the power, industrial, housing and energy sectors where sustainable power generation, transmission, and distribution become sustainable and affordable for various needs.

MANAGEMENT TEAM

ALAYOMIDE KETIKU

Chief Executive Officer, Macosine



Alayomide founded Macosine with a vision to extend and scale Africa's technological capabilities. He is an experienced engineer and entrepreneur that has set a mark in different technology and engineering ventures locally and globally. He obtained his first degree in one of the world's renowned engineering universities, Harbin Engineering University in China, and a Master's degree in Electrical Engineering from the University of Windsor, Ontario, Canada. Alayomide subsequently obtained a Master of Business Administration (MBA) degree in Business Analytics from Hofstra University, New York, USA.

Alayomide's extensive experience spans the engineering, technology, and healthcare industries in Nigeria and the US - working as an Operations Engineer with the Cross River Water Board Corporation, a Project Engineer with Phase 3 Telecoms, and an Operations and Maintenance engineer with the Niger Delta Power Holding Company (NDPHC) (Omotosho Power Plant, Ondo State). Most recently, he was responsible for project management in the technology departments of New York's largest healthcare provider, Northwell Health.

Owing to his educational background in China, he has deep connections within the Chinese engineering and technology space and has collaborated closely with Far Eastern technology companies operating in the power engineering, space technology, and telecoms areas.

In 2018, Alayomide started Macosine as an engineering operations and maintenance company to provide customers with quality engineering products and repair works. The ambition - is to build a Nigerian company with global standards that will contribute to global technological and engineering advancements.

Alayomide's strength lies in his ability to understand trends and how products and solutions impact consumers and clients. Through his innate motivation to educate himself on the pitfalls of current technology and its trends, Alayomide has pushed boundaries by venturing into development that will bridge the gap between current technology and what customers need.

DR. ABIMBOLA ALE

Chairperson, Board of Directors, Macosine



Dr. Abimbola Ale is the immediate former MD/CEO of Nigerian Communication Satellite Limited (NIGCOMSAT), Nigeria. She is a PhD degree holder of Security & Strategic Studies from Nasarawa State University, Keffi-Nigeria. She also holds a Master degree in Space Studies (MSc) and an MBA degree from the International Space University, Strasbourg- France.

Other Certificates were obtained at the Massachusetts Institute of Technology, USA and the Management School, London and Lagos Business School, Nigeria.

Dr. Abimbola is a Fellow of African Scientific Institute (*FASI*), Certified Forensic Investigation Professional (*CFIP*), Member International Academy of Forensics (*MIAF*), Fellow of Chartered Public Diplomacy and Management (*FCPDM*), Fellow of Corporate Administration Institute (*FCAI*).

She was a two-time Council Member(2021 and 2022) of the World Economic Forum:- Global Future Council on Space. She is an active member and one of the major contributors to ESOA. She is an active member and one of the major contributors to GSOA (Global Satellite Operators Association). She is one of the conveners of Women in Aerospace in Nigeria. She is one of the frequent speakers on events organized by the UNOOSA-United Nations Office for Outer Space Affairs/UNIDIR-United Nations Institute for

Dr. Abimbola actively worked on some National Priority Projects such as the NigComSat-1, NigComSat-1R and the establishment of a National Direct-to-Home Digital Transmission Centre. She stands tall amongst satellite professionals not only in Nigeria but the world as the visible woman at the head of a communication satellite business around the globe.

In her capacity as the Chairperson of the Board of Directors at Macosine, she performs advisory oversight into the projects undertaken by the company. She makes sure Macosine executes its brand promise to the highest standards obtainable around the globe.



Engr. Khaleed Al-Jamakani

Chief Engineering Consultant

Eng. Khaled Al-Jarmakani is the Project Manger and Chief Executive Officer of Ahed Construction &. Engineering Ltd Construction Company.

A Certified Project Management Professional with over 30years of experience Studying, Pricing, Designing and Implementing Electromechanical Projects as a Project Manager for various Company and Contracting Establishment in the Kingdom of Saudi Arabia, United Arab Emirate and Syrian Arab Republic. A member of Committee for estimating the cost of production lines at the Riyadh Chamber of Commerce and Industry



Ivan Ibani

Business Development Manager

An experienced business developer with some experience in project management. Has experience in the real estate development, construction and hospitality industry. Previously worked in Nigerian Content Development and Monitoring Board. Holds a BSc in Mechanical Engineering and MSc in Energy and Environment.



Itsema Oroh

Finance Manager

A financial Analyst with a strong background in Economics and Financial Management. Certified in financial modeling, valuation analysis and certified Human Resources. Also holds a BSc in Economics and a Masters in Business Administration (MBA)

OUR PRODUCTS



OUR PRODUCTS



OUR PRODUCTS



OUR CORE SERVICES

Power and Distribution Transformers



Our Engineering company specializes in the design, installation and maintenance and general repairs of power and distribution transformers. Whether in small or large scale distribution transformers, we provide comprehensive solutions tailored to meet the unique requirements of our clients. Our expertise ensures efficient energy distribution, reliability and safety. Other services include:

- Transformer design and customization
- Manufacturing of high-quality transformers using advanced technology
- Installing and commissioning of transformers.
- Routine maintenance and repairs to ensure optimal performance and longevity.
- Upgradation and retrofitting of existing transformer system for enhanced efficiency and reliability.
- Technical support and consultancy services for transformer-related issues.

OUR CORE SERVICES

Transmission Line System Reticulation and Maintenance



We ensure uninterrupted transmission of electrical power is crucial for any utility or industrial operation. Our company offers comprehensive maintenance services for transmission line systems, including inspection, testing, repair and upgrade. We employ advanced techniques and technologies to identify potential issues and optimize the performance of transmission lines, minimizing downtime and maximizing efficiency. Other services include:

- Inspection and testing of transmission lines for fault.
- Routine Cleaning and vegetation management to prevent outages.
- Repairs and replacement of damaged components
- Thermal imaging and condition monitoring for early detection of potential issues.

Manpower Services



Our company provides skilled manpower services to support various engineering projects and operations. We offer flexible staffing tailored to the specific needs of our clients, including:

- Qualified engineers, technicians, and craftsmen for project execution.
- Skilled labour for construction, installation, and maintenance activities
- Project management and supervision services to ensure efficient project implementation.
- Temporary staffing solutions for short-term projects or peak workloads.

Training Services



Knowledge and skill development are essential for the success of any engineering endeavour. Our training services are designed to equip professionals with the latest industry insight. These services include:

- Technical training on transformer design, operations and maintenance.
- Safety and compliance training for working with electrical systems.
- Skill development workshops for technicians and engineers.
- Continuing education programs to stay updated with industry trends and advancements.
- Customized trainings modules tailored to specific client needs.
- Hands-on practical sessions and simulations for effective learning.

Renewable Energy Services



As we stay committed to sustainability, we provide renewable energy solutions to harness clean and renewable sources of power. We provide cost-effective and eco-friendly solutions tailored to meet our clients' energy needs. Our services include:

- Design and installation of solar photovoltaic (PV) system for residential, commercial and industrial applications.
- Hybrid solar-diesel system integration for commercial and industrial applications.
- Energy efficient audits and consultancy services to optimize energy usage and reduce carbon footprint.
- Advisory Services to assist clients navigate regulatory framework and incentives for renewable energy adoption.

Electrical Equipment Testing Electric Power Construction & Installation Services

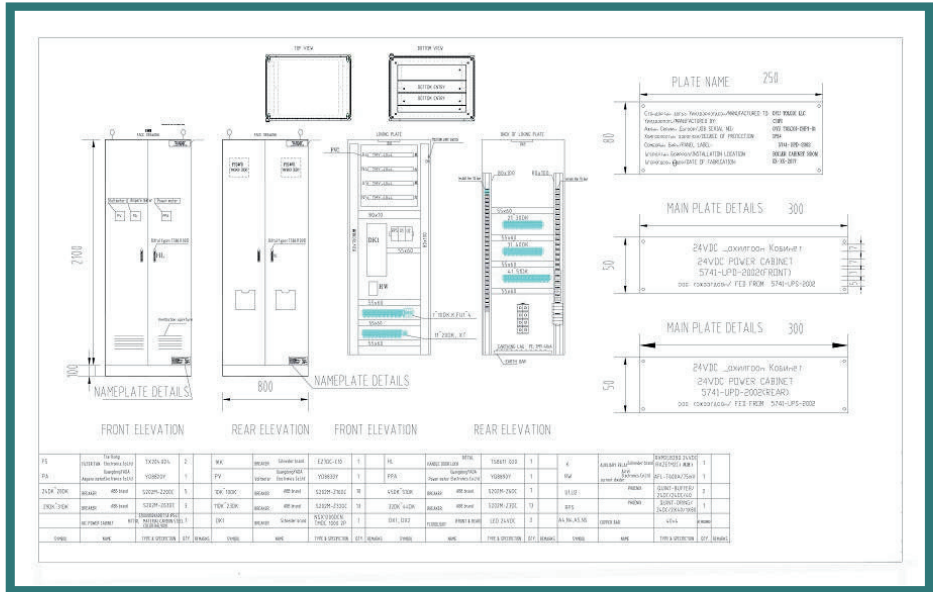
High-voltage Electrical Equipment and Instrument Testing Center



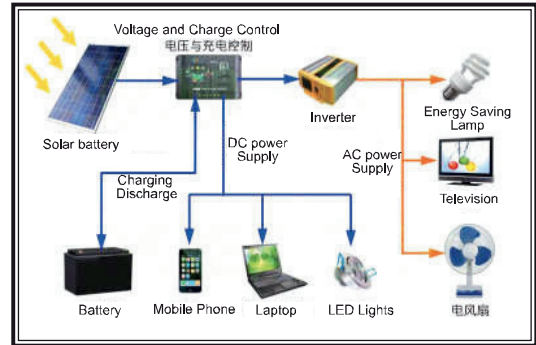
Construction & Installation Site



Electric Power Survey & Design Services



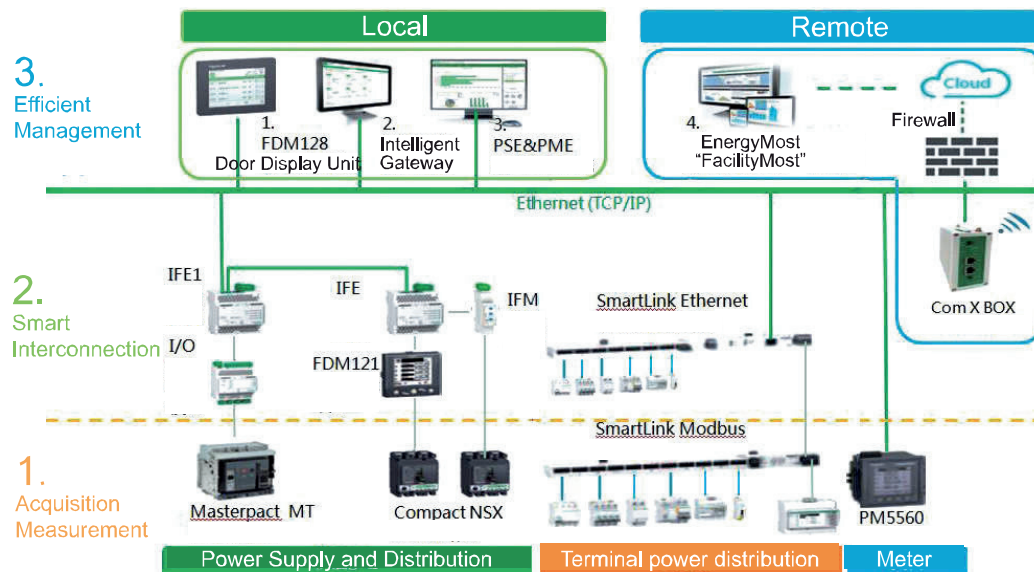
Photovoltaic Power Generation System



Photovoltaic Power Generation



Remote Operation & Maintenance Services



Intelligent HV & LV Power Distribution System



OUR STRATEGIC PARTNERS



CERTIFICATIONS & QUALIFICATIONS



ISO 45001



ISO 27001



ERC Certification



GB/T 19022



KEMA Certifications



ISO



ISO 9001



ISO 14001



ISO 18001



China Famous Trade Mark



IEC Certifications



CE Certifications



STS Certifications



High-tech Enterprise



Star Patent Enterprise



MID Certifications



CNAS Certifications



UL Certifications



DLMS Certification



Certificate of Conformity For Measurement Management Systems



NTC Certification



GB/T 23001



GB/T 28827.1-2012



ISO17025



SCAMPI (V1.3) CMMI



CMC-China Metrology Certification



Shandong Famous Trademark



INACAL Certification

MACOSINE

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