



SYLUTION LTD

COMPANY PROFILE

AI · IoT · Electronics · Robotics · Drone · Solar · AgriTech

Engineering practical systems for agriculture and real-world operations.

A concise briefing for investors, banks, government agencies, development organisations, universities and strategic partners.

BASE

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SYLUTION LTD

A technology company with a practical centre of gravity

SYLUTION applies connected engineering to problems that need to work outside the laboratory.

What SYLUTION is built to do

SYLUTION LTD is a Nigerian technology innovation and engineering company. Its work combines artificial intelligence, Internet of Things, electronics, embedded systems, robotics, drone technology and solar-supported systems to create practical solutions for agriculture and other real-world operating environments.

The company's principal application focus is AgriTech: sensing the field, moving useful data, supporting better decisions and enabling practical control of irrigation, greenhouse and monitoring systems.

SYLUTION's official development and engineering foundation began in 2024. The company is open to strategic investment, government and development programmes, applied research, technical partnerships and carefully selected deployment opportunities.

CORE APPLICATION

AgriTech

BASE

Kano

OPERATING MODEL

Engineering-led

CURRENT POSITION

Active engineering development, field operation, applied research and partnership preparation.

FLAGSHIP PROJECT

Sysmart Agro — Active Project / Active Development & Field Operation

WORKING PRINCIPLE

Build from a documented problem, validate the system, communicate limitations clearly and scale only what is ready.



Connected sensing, monitoring and decision-support concepts are designed around the realities of field operation, not presentation alone.



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Six connected capabilities. One engineering foundation.

Each discipline can be engaged independently, or combined into a complete system when the problem requires it.

01 · ARTIFICIAL INTELLIGENCE

Agricultural intelligence, computer vision, analytics and decision-support concepts based on relevant operating data.

02 · INTERNET OF THINGS

Sensors, connected devices, data collection, remote monitoring and automation for farms and other sites.

03 · ELECTRONICS + EMBEDDED

Controllers, sensors, microcontrollers, circuit design, firmware and hardware integration.

04 · ROBOTICS + DRONE

Automation concepts, agricultural observation, mapping, monitoring and practical drone technology training.

05 · SOLAR-SUPPORTED SYSTEMS

Solar and battery support for connected agricultural and IoT systems where grid power is weak or unavailable.

06 · TRAINING + CAPACITY

Practical sessions connecting people with AI, IoT, electronics, modern agriculture, drones and engineering skills.

HOW THE PIECES CONNECT

Sense. Connect. Understand. Act.

A connected system begins with a signal that matters. SYLUTION's engineering approach moves from field conditions and hardware to data, intelligent interpretation and practical action.

STEP

LAYER PURPOSE

01	Sense	Measure the field and the machine.
02	Connect	Move useful signals from remote sites.
03	Understand	Turn readings into clearer decisions.
04	Act	Close the loop with practical control.



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AgriTech is where the engineering becomes useful

SYLUTION's main application area is modern agriculture: measurable, connected and designed for practical operating conditions.



Solar-supported irrigation, filtration, pumping and drip delivery represented as an integrated field system.

From farm signal to farm action

SYLUTION works across the connected layers that make agricultural operations more visible and more controllable.

SMART IRRIGATION

Soil and climate sensing, controller concepts and water delivery management.

GREENHOUSE

Controlled-environment monitoring and cultivation technology concepts.

FIELD MONITORING

Agricultural observation, data capture and remote visibility.

DIGITAL RECORDS

Farm information and reporting that can support operators and partners.

DRIP IRRIGATION

Efficient delivery at the root zone, with sensor and controller integration.

SOLAR SUPPORT

Energy support for remote or power-constrained agricultural installations.

01 The operating question

How can a farm, greenhouse or remote agricultural site collect the right signal, make it useful and act on it with confidence?

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Sysmart Agro

SYLUTION's flagship smart-agriculture project

ACTIVE DEVELOPMENT & FIELD OPERATION



Sysmart Agro is presented as an active project. Individual features may be under development, testing or planned, and should not be treated as commercial availability without documented approval.

A multi-technology system for practical smart agriculture

Sysmart Agro brings together field sensing, connected control, agricultural intelligence, monitoring, cultivation technologies and irrigation management into one engineering direction.

The project is designed to create a clearer link between agricultural conditions, useful data and practical action in the field.

FIELD

Agricultural conditions and operating context.

SENSORS

Soil and climate sensing concepts.

IoT

Connected controller and data movement.

AI / DATA

Agricultural intelligence and decision support.

IRRIGATION

Smart control and water management.

MONITORING

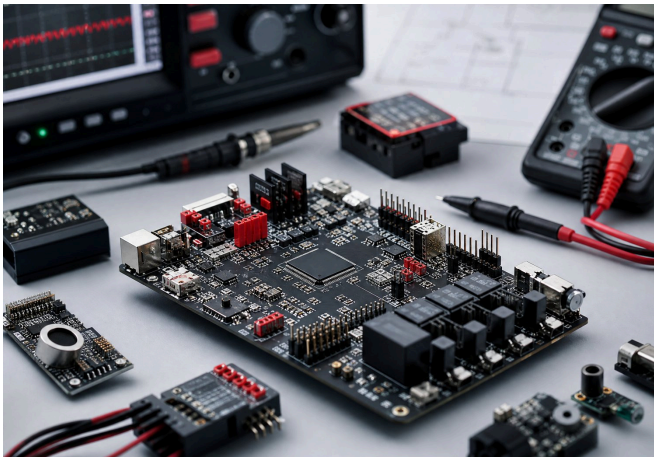
Visibility through dashboards and records.



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The work is hardware, data and disciplined testing

The company's technology story is not one product image. It is a connected stack of engineering decisions.



Electronics + embedded systems

Controllers, sensor interfaces, microcontrollers, circuit design, firmware, calibration and system assembly.



IoT + agricultural intelligence

Connected devices, data movement, remote monitoring, analytics and decision-support concepts built around useful field information.

DISCOVER

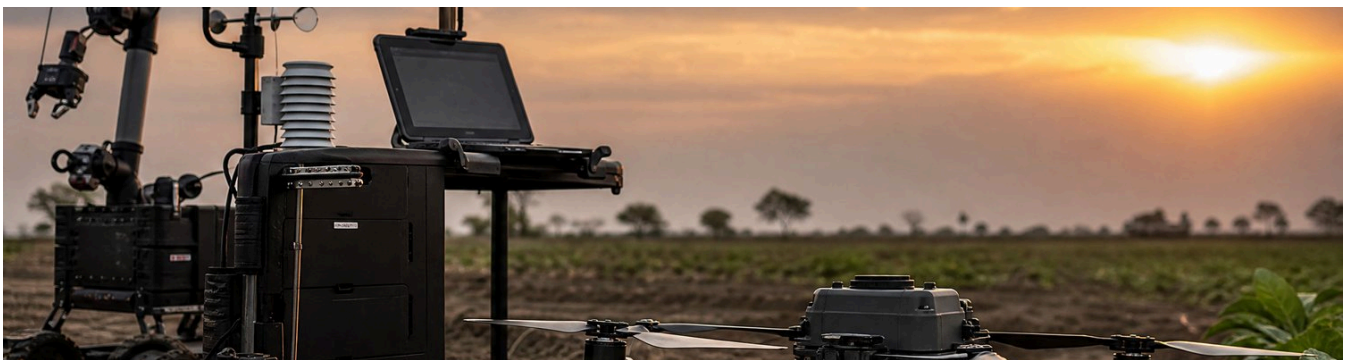
Clarify the challenge, users, site constraints and expected outcome.

DESIGN + BUILD

Define architecture, develop the hardware and software, and document the system.

TEST + VALIDATE

Evaluate limitations, compare results with agreed criteria and document readiness.





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A platform for responsible collaboration

SYLUTION is structured to work with organisations that need local engineering capability, applied research or practical field implementation.

Where collaboration can begin

GOVERNMENT

Smart agriculture programmes, public innovation, technical training and field monitoring.

DEVELOPMENT

Applied pilots, local technology development, documentation and capacity building.

RESEARCH

Universities, laboratories and applied research partnerships.

FINANCE

Evidence-led discussions around systems, pilots and operational readiness.

ENTERPRISE

Connected monitoring, electronics, automation and practical technology systems.

COMMUNITY

Training pathways for youth, women, students, farmers and agripreneurs.



Partnership conversations should begin with a defined challenge, scope, evidence requirement and responsible owner.

Responsible technology is part of the engineering brief.

Publish verified facts. Distinguish active projects, Protect project data. Define access, ownership, retention, testing, development, planned features and commercial security and human oversight before deployment. offerings.



Let's build the next deployment.

A strategic conversation begins with a real challenge, a clear operating context and an honest view of what is ready.

CONTACT SYLUTION

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Important notice: This profile is an invitation to discuss strategic collaboration. It is not a public offer, investment recommendation or guarantee of financial return. Any investment, grant, procurement or partnership arrangement is subject to due diligence, formal documentation and applicable law.

Prepared for discussion and due diligence · 2026

