

ENGINEERING · TECHNOLOGY · INFRASTRUCTURE

Intelligent buildings. Reliable power. Engineered in Tanzania.

Sync Automation designs, builds and runs the systems behind East Africa's homes, hotels, banks, hospitals and power plants, on technology we develop ourselves.

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WHO WE ARE

We engineer the systems that make modern buildings and power infrastructure work.

Sync Automation Limited is a Tanzanian engineering and technology company. We bring building automation, power and energy, digital infrastructure and security under one roof, and we deliver them on software platforms we design and build in-house.

Our clients include private residences, hotel developers, commercial banks, hospitals, industrial operators and power producers, from Dar es Salaam and Zanzibar to Arusha, Dodoma and Morogoro. Each of them gets one team accountable for the whole system, from the first drawing to the day-to-day running of the site.

What sets us apart is that we own our technology. Our engineers design every project in Sync Design Desk, run buildings on the Sync Box controller, and watch client sites through our own monitoring platforms. Knowledge, data and support stay in Tanzania, with the people who built the system.

20

Projects delivered across homes, hotels, banks, healthcare and power

5

Regions served: Dar es Salaam, Zanzibar, Arusha, Dodoma and Morogoro

1.2 MW

Exported to the grid from generator sets our team synchronised in Zanzibar

6

Software platforms designed and run in-house

4

Engineering divisions under one contract

24/7

Automated monitoring of the client sites we support

MESSAGE FROM THE MANAGING DIRECTOR

Africa's urban population is expected to almost double by 2050. Every new hospital, hotel, bank, factory and home among them will depend on power that does not fail and systems that run themselves.

Today, most of that infrastructure is still designed abroad, programmed by engineers who never visit the site, and supported from another time zone. When it stops working, the building waits.

Sync Automation was founded to change that. We are building a Tanzanian engineering company with the depth to design, deliver and operate the most demanding systems in the region, and with technology of its own. In a short time our engineers have synchronised a generator plant to the grid in Zanzibar, put a bank's data centre under continuous monitoring, engineered the power system of a hospital, and delivered intelligent homes and hotels from Arusha to the coast.

Our ambition is to be the company East Africa calls when a building or a power system has to work, without exception. We will earn that place the only way it can be earned: one project at a time, done properly, and supported for as long as it runs.

I invite you to work with us.

Tony Thomas Mushi
Managing Director, Sync Automation Limited



Tony Thomas Mushi
Managing Director

VISION

To be East Africa's leading engineering and technology company for intelligent buildings and power.

MISSION

To design, deliver and operate building and power systems that perform from the first day and for decades after, on technology we build ourselves.

OUR VALUES

Engineering first

Every decision is backed by a drawing, a calculation or a measurement. We design before we buy and test before we hand over.

Total ownership

One team, one contract, one number to call. We answer for the whole system, not just our part of it.

Built to last

We specify for the climate, the grid and the people who will maintain the system, not for the lowest first price.

Our own technology

We build the platforms we design, run and monitor with, so our clients are never locked into someone else's roadmap.

Safety without exception

Live power, height and active sites are part of our work. No deadline justifies a shortcut.

Local expertise

Our engineers are trained here and stay close to the sites they build, so support arrives in hours, not weeks.

Four divisions. One accountable team.



01

Intelligent Buildings

Building management and automation for residences, hotels and commercial buildings: lighting and climate control, guest room management, audio-visual and integrated control over KNX, BACnet and Modbus.

BMS and HVAC control · KNX and DALI lighting · guest room control · home automation · AV and cinema



02

Power and Energy

From the transformer to the final circuit: LV switchboards, generator plants and synchronisation, automatic changeover, solar and battery storage, and power quality engineering for sites that cannot go dark.

LV switchboards · generator synchronisation · changeover and PLC control · solar and storage · power studies



03

Digital Infrastructure

The networks and server rooms everything else depends on, designed from the plan, built to standard and watched around the clock by our monitoring platforms.

Structured cabling and fibre · Wi-Fi · server rooms · data centre monitoring · remote operations



04

Safety and Security

Surveillance, access and perimeter systems with every camera's coverage proven on the drawing before it is mounted, and every alarm reported to one place.

IP CCTV and number-plate recognition · access control · intercom · intruder alarms · gates and barriers

SYNC TECHNOLOGY

Our own platforms, from the first drawing to daily operation.

Few engineering contractors in the region write their own software. We do, because it lets us design faster, build with fewer errors and support every site we deliver.

Sync Design Desk

Our engineering design platform. A floor plan becomes a priced, buildable design with drawings, bills of quantities and install packs, across automation, electrical, networks, panels, controls and floor planning.

Sync Box

The on-site controller behind our intelligent buildings. Lighting, climate, energy and Modbus equipment run locally, independent of the internet, with secure updates delivered by Sync.

Sync Insight

Monitoring for data centres and power rooms: live floor plans, single-line diagrams, alarms, trends and service-level reports. In service at a commercial bank.

Sync NOC

Our network operations centre. Every site, gateway and server we support on one screen, with alarms and full history.

Sync Home

The homeowner's application: rooms, scenes, cameras and energy in one place, on a phone or a wall-mounted tablet.

Sync Portal

A single sign-in for our staff, clients and partners, each seeing the services that are theirs.

Project register

Homes

Project	Location	Status
Hillside smart home Facade, garden and step lighting designed as one scheme and run from one control system, so the whole property is lit as one scene at night.	Arusha	Completed
Smart home with music in every room Lights, curtains and music in every room answer to one app and a few wall keypads. A Sync Box runs the house on site, so everything keeps working when the internet line is down.	Mbweni, Dar es Salaam	Completed
Estate-scale smart residence A fibre backbone links four equipment points across the estate. Wi-Fi reaches every corner, the gates recognise number plates, and music, curtains and lighting run from one control server.	Dodoma	In progress
Residence with home cinema and solar Electrical, automation and solar designed together across four levels: a dedicated home cinema, music throughout the house, lighting scenes and a solar supply sized for the whole building.	Bahari Beach, Dar es Salaam	In progress
Smart home with security and curtains Cameras, motorised curtains and smart switches on one home network and one app, looked after under a yearly maintenance plan.	Dar es Salaam	Completed
Five homes wired before the walls close We join the build early. Network, switch, sensor, camera and solar provisions are marked on site and checked at each stage, so no finished wall has to be opened again.	Mbezi Beach, Kwembe, Boko, Kinyerezi and Dodoma	In progress
Smart home with smart locks Lighting control and smart door locks on one system, with doors opened by phone or code and a maintenance plan after handover.	Dar es Salaam	Completed
Smart home with remote monitoring Lighting control and smart sockets, watched by our monitoring platform so faults reach us before they reach the family.	Madale, Dar es Salaam	In progress

Hotels and offices

Project	Location	Status
Smart apartment hotel Guest room control, Wi-Fi, IPTV, CCTV and fire detection provisions, plus the main LV switchboard and transformer supply. The finished model floor sets the standard for every floor above it.	Kijitonyama, Dar es Salaam	In progress
Beach-side hotel tower Room control, data, IPTV, speakers and CCTV provisioned floor by floor, with the LV main switchboard and transformer substation in the same contract.	Mbezi Beach, Dar es Salaam	In progress
Smart office Eleven zones from lobby to board room and server room. Smart switches, presence sensors and air-conditioning control mean lights and cooling follow the people in the building.	Dar es Salaam	Completed

Power and industry

Project	Location	Status
Generator power plant Three generator sets synchronised and exporting 1.2 MW to the grid, with peak shaving, control panels, a functional design specification and operating procedures for the plant team. The remaining units are being converted.	Zanzibar	In progress
Hospital power system A full study of a working hospital's supply, from transformer and generators to changeover and chiller plant, and the specification of a new arc-contained Form 4b main switchboard.	Zanzibar	In progress
Solar farm with battery storage Solar generation, battery storage and biogas on one farm, with the battery management design and the load analysis behind it.	Morogoro	In progress
Industrial park supply Main contractor for a 200 kVA transformer, metering panel and main distribution, bringing utility power to block-making machinery.	Tundwi, Kigamboni	In progress
Generator fault investigation, pipe factory Traced the cause of a 51 A current circulating between two 500 kVA generators and corrected the earthing, with as-built drawings handed over.	Dar es Salaam	Completed

Banks and data centres

Project	Location	Status
Data centre monitoring for a commercial bank Temperature, humidity, water leak, UPS, battery and generator readings from the server and power rooms on one monitoring platform, with alarms to our engineers and the bank's own team.	Dar es Salaam	Completed
Automatic changeover panel for a commercial bank A PLC-controlled changeover between the utility supply and two generators, with a touch-screen operator panel and motorised breakers, built, installed and commissioned by our team.	Dar es Salaam	Completed
Bank branch changeover and BMS upgrade Lighting and cooling changeovers returned to automatic operation, and a building management system upgrade under way, starting with a pilot room.	Zanzibar	In progress
Data centre power controls Generator and mains controllers put back to fully automatic, the tripping fault traced and fixed, and no incidents since.	Dar es Salaam	Completed

One team from concept to operation.

01

Survey

Site survey or review of the design team's drawings, and a brief agreed space by space.

02

Engineer

Every device, cable and circuit drawn and calculated in Sync Design Desk, priced and approved before procurement.

03

Build

Installation by our own technicians, coordinated with the main contractor's programme.

04

Commission

Each system tested against the drawings, then all systems tested together and documented.

05

Operate

Handover, training and as-built records, then monitoring, maintenance and support for the life of the system.

Who we work with

Property owners and developers, architects and consulting engineers, main contractors, hotel operators, banks and financial institutions, hospitals, industrial operators and power producers.

Where we work

Across mainland Tanzania and Zanzibar, with active sites in Dar es Salaam, Zanzibar, Arusha, Dodoma and Morogoro. Our monitoring platforms support clients wherever they are connected.

Partners

Engineering	Photons Energy Ltd · ComAp
Automation	Jung · MDT · Lutron · Letour · Aqara
Power	Schneider Electric · Siemens · Solis · Deye · Dyness · MUST
Networks and security	Ubiquiti UniFi · ZKTeco · Sonos

Safety is not negotiable. Quality is measured.

Health and safety policy

1. We comply with the Occupational Health and Safety Act, 2003 and the site rules of every client and main contractor.
2. Electrical work is isolated, locked off and proven dead before it starts. Live work is permitted only where unavoidable, by competent persons, never alone.
3. Work at height uses inspected ladders, towers and scaffolds.
4. Every technician is issued and wears the protective equipment the task demands.
5. Every job opens with a hazard briefing. Anyone may stop work that is unsafe.
6. Incidents and near misses are reported the same day and investigated.
7. Every team carries first aid and a trained first-aider.
8. Waste and electronic waste leave site with us and are disposed of responsibly.

Quality policy

1. Every design is drawn, calculated and checked before procurement, and approved by the client in writing.
2. Equipment is sourced from authorised channels and inspected against the approved schedule on delivery.
3. Site changes are recorded and carried into the as-built drawings.
4. Each system is tested against its drawings, then all systems are tested together, and every result is recorded.
5. Handover includes as-built drawings, schedules, credentials, test records and user training.
6. Complaints are acknowledged within one working day and tracked to resolution.
7. These policies are reviewed annually by the Managing Director.

Company registration

Legal name	Sync Automation Limited
Incorporation	BRELA certificate no. 181530480, 24 Jan 2025
TIN	181-530-480
Business licence	BL01396912026-2700004001, Kinondoni Municipal Council, valid to 24 Mar 2027

Signed

Tony Thomas Mushi
Managing Director, Sync Automation Limited
October 2026

Company documents



C.1

TANZANIA

BRELA
BUSINESS REGISTRATIONS AND LICENSING AGENCY

Certificate of Incorporation of a Company

Section 15

No: 181530480

I HEREBY CERTIFY THAT

SYNC AUTOMATION LIMITED

is this day incorporated under the Companies Act, 2002 and that the Company is Limited.

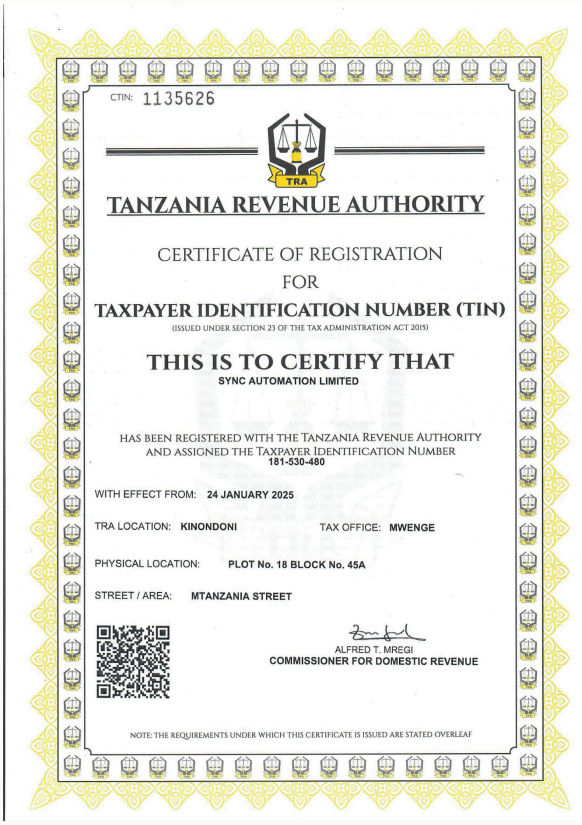
GIVEN under my hand at Dar es Salaam this **24th** day of **JANUARY TWO THOUSAND AND TWENTY FIVE**.

REGISTRAR OF COMPANIES TANZANIA

PRINC ASST. REGISTRAR OF COMPANIES

Certificate of Incorporation

BRELA · No. 181530480 · 24 Jan 2025



CTIN: 1135626

TRA

TANZANIA REVENUE AUTHORITY

CERTIFICATE OF REGISTRATION
FOR
TAXPAYER IDENTIFICATION NUMBER (TIN)
(ISSUED UNDER SECTION 23 OF THE TAX ADMINISTRATION ACT 2015)

THIS IS TO CERTIFY THAT
SYNC AUTOMATION LIMITED

HAS BEEN REGISTERED WITH THE TANZANIA REVENUE AUTHORITY AND ASSIGNED THE TAXPAYER IDENTIFICATION NUMBER
181-530-480

WITH EFFECT FROM: 24 JANUARY 2025

TRA LOCATION: KINONDONI TAX OFFICE: MWENGE

PHYSICAL LOCATION: PLOT No. 18 BLOCK No. 45A

STREET / AREA: MTANZANIA STREET

ALFRED T. MREGI
COMMISSIONER FOR DOMESTIC REVENUE

NOTE: THE REQUIREMENTS UNDER WHICH THIS CERTIFICATE IS ISSUED ARE STATED OVERLEAF

Taxpayer Identification Number

TRA · TIN 181-530-480 · Kinondoni

Sync Automation

Let's build what East Africa runs on next.

HEADQUARTERS

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Sync Automation Limited, a private company limited by shares incorporated in Tanzania under the Companies Act, 2002. Certificate of Incorporation No. 181530480. TIN 181-530-480. Project photographs are shown with the permission of the clients. Illustrative photographs from Wikimedia Commons: CCTV cameras by Fourhazzy (CC0); data centre by PiDatacenters (CC BY-SA 4.0). Profile issued October 2026.