SANTIE

CONNECTER • AUTOMATISER • PERFORMER

Société Africaine de Nouvelles Technologies et Ingénierie Electromécanique — since 2020

Company presentation

SANTIE designs, integrates and supervises the systems that run your buildings, in Morocco and across Africa — from the controller to the supervision workstation.

BMS | DALI LIGHTING CONTROL | NETWORKS & SUPERVISION | WAGO DISTRIBUTION

WHO WE ARE

Your Building Management System integrator

Société Africaine de Nouvelles Technologies et Ingénierie Electromécanique

Founded in 2020 • Head office in Casablanca • Branch in Témara

In Morocco and across Africa, we support project owners, engineering consultants, main contractors and facility operators in the design, integration and operation of building management systems.

From the points list to commissioning, we connect every building service to a single, open and secure supervision platform — for a building that is more reliable, more energy-efficient and easier to operate.

EVERY BUILDING SERVICE, ONE SUPERVISION PLATFORM

- **HVAC**
- **Electrical**
- **Lighting**
- **Plumbing**
- **Fire safety**
- **Metering**

OUR PROMISE

“We make your buildings and technical installations smart, connected and high-performing.”

WE WORK WITH

- Project owners
- Consultants
- Main contractors
- Facility operators

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KEY FIGURES

SANTIE in figures

A team of engineers and technicians dedicated to the technical management of your buildings.

2020

Founded

Société Africaine de Nouvelles Technologies et Ingénierie Electromécanique

9

Employees

including 2 engineers and 5 technicians

33

Projects delivered

since 2020

640 000

BMS points

integrated and supervised (cumulative)

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OUR SIGNATURE

Connect • Automate • Perform



01 — INTEROPERABILITY

CONNECT

Open protocols (BACnet, Modbus, KNX, DALI, M-Bus, OPC UA, SNMP) and dedicated, secure networks: one single view of the entire building.

02 — RELIABILITY

AUTOMATE

Controllers programmed from clear functional analyses, scenarios and smart alarms: fewer manual interventions.

03 — RESULTS

PERFORM

Occupant comfort, controlled energy consumption, equipment availability and actionable data.

OUR EXPERTISE

Four complementary business lines

An integrated offer, from design to maintenance, covering every technical system in the building.



01

BMS integration

One workstation to control your entire building.



02

DALI lighting control

The right light, in the right place, at the right time.



03

Networks & supervision

Reliable, segregated and secure technical infrastructure.



04

WAGO distribution

Industry-standard components, backed by an integrator's advice.

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BUSINESS LINE 01 / 04

BMS integration

One workstation to control your entire building.

BMS: Building Management System
(GTC / GTB in French)

OUR SERVICES

Studies and preliminary design

Site survey, points lists (commands, alarms, status, measurements, setpoints, metering), system architecture, BOQ

Functional analysis & programming

Controller programming based on clear functional analyses

Supervision

Graphics, alarms, trends and dashboards — on leading platforms, including PcVue and PANORAMA

Multi-service integration

HVAC, chillers and boilers, AHUs, electrical (main LV switchboards, generators, UPS), plumbing, smoke extraction, metering

Commissioning

Testing, handover, as-built documentation and operator training

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BUSINESS LINE 02 / 04

DALI lighting control

The right light, in the right place, at the right time.

DALI: Digital Addressable Lighting Interface

OUR SERVICES

DALI / DALI-2 design

Systems for offices, meeting rooms, corridors and car parks

Sensing

Layout of presence and daylight sensors

Scenes & dimming

Daylight harvesting, time schedules, usage-based scenes

BMS integration

Centralised control, commissioning and addressing

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BUSINESS LINE 03 / 04

Networks & supervision

Reliable, segregated and secure technical infrastructure.

OT: operational technology networks
IT: corporate IT networks

OUR SERVICES

Dedicated BMS networks
Cat6A copper, optical fibre, industrial switches, VLANs

OT/IT network segregation
Technical networks isolated from corporate IT, cybersecurity of installations

Supervision upgrades
Upgrade, migration and extension of existing supervision systems

Maintenance & support
Third-party application maintenance, remote maintenance and support

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BUSINESS LINE 04 / 04

WAGO distribution

Industry-standard components, backed by an integrator's advice.

I/O: inputs / outputs

OUR SERVICES

Connection
Terminal blocks, connection solutions and connectors

Automation
Controllers, PLCs and remote I/O systems

Panel equipment
Power supplies, interface modules, relays and panel accessories

Support
Product selection advice, availability, technical support and training

WAGO authorised distributor — full range
Orders: commandes@santie.ma

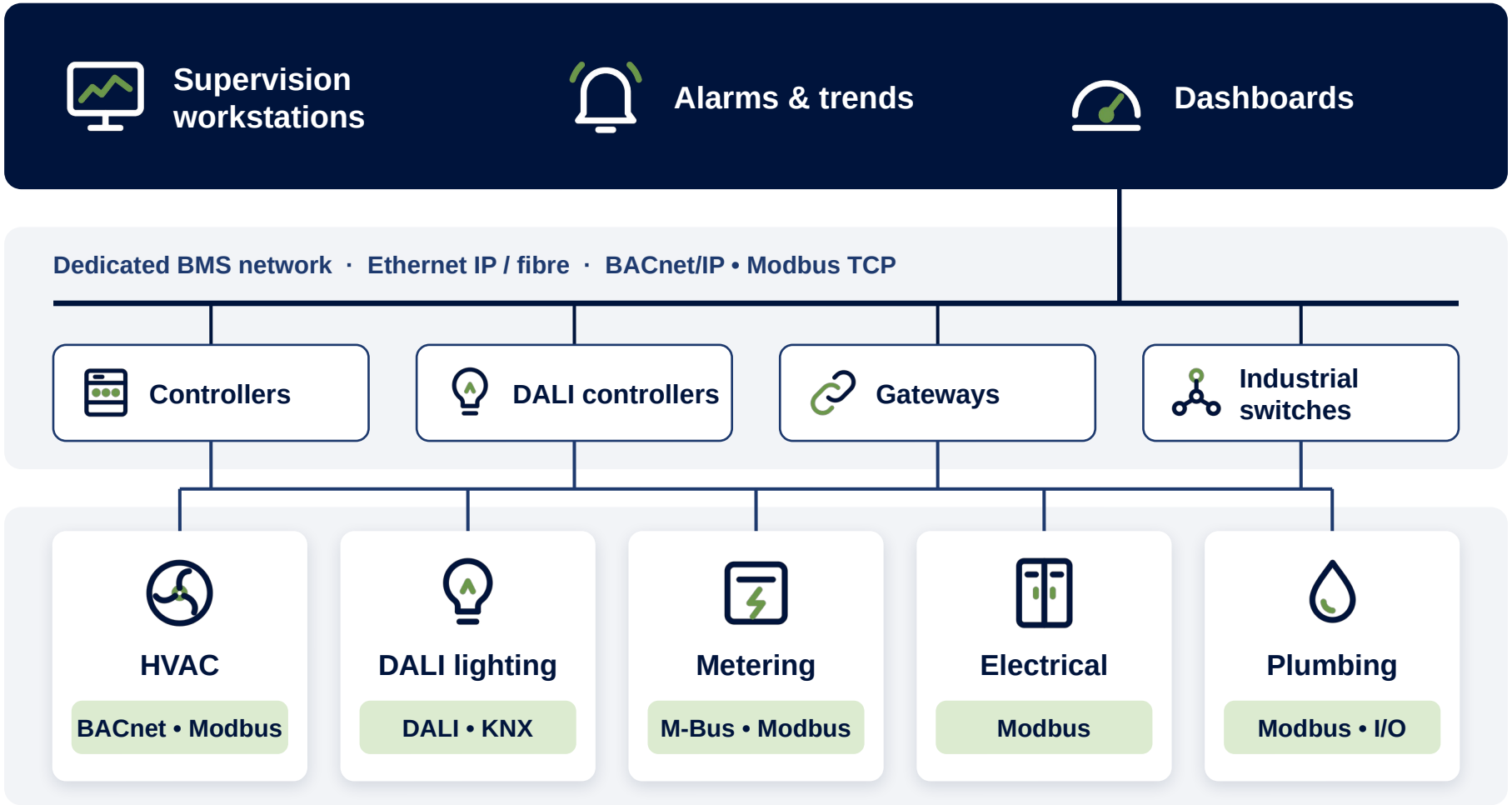
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Typical BMS architecture

LEVEL 3
Supervision
Visualise, alarm, analyse

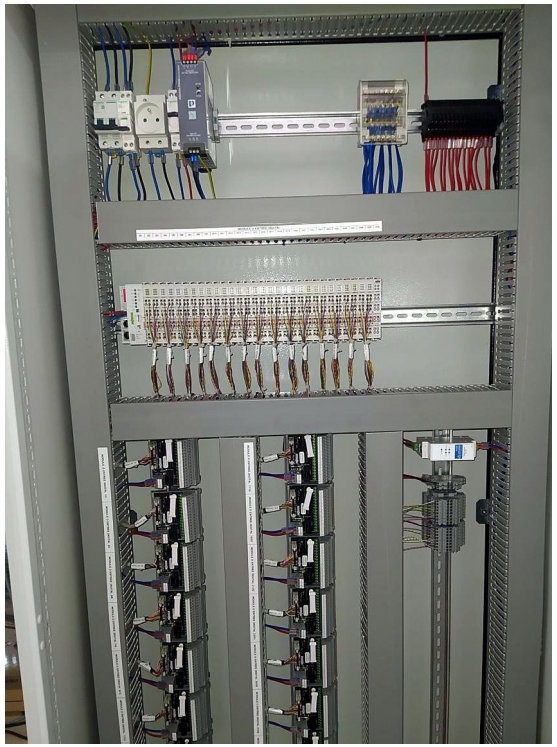
LEVEL 2
Network & controllers
Communicate and control

LEVEL 1
Field devices
Measure and actuate

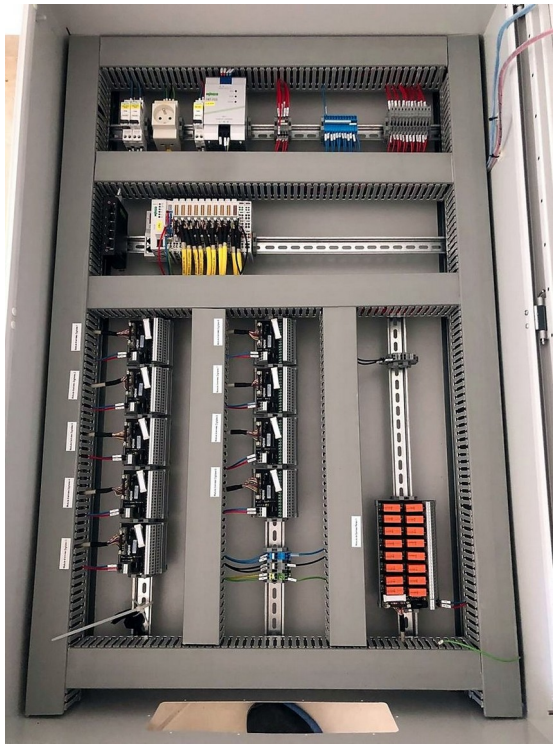


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Carefully wired and labelled control panels



- BMS panel, wired and labelled



- Neatly organised terminals, relays and I/O



- Wiring and door-mounted indicators



- Control and indicator front panel

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OUR METHOD

Six steps, a single point of contact

01



Audit & consulting

Understand the site, its uses and your objectives

02



Design

Points lists, architecture, functional analysis

03



Supply & integration

Hardware, panels, networks

04



Programming & supervision

Controllers, graphics, alarms

05



Commissioning & training

Testing, handover, knowledge transfer

06



Maintenance & upgrades

Support, remote maintenance, extensions

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On-site commissioning and training



On-site commissioning

Our technicians and engineers work on site to test every point, commission controllers and supervision, then hand over to the operators.

Testing and commissioning

Point-to-point checks, from sensor to graphic

Operator training

Hands-on training on supervision, alarms and scenarios

Handover and documentation

Test reports, as-built documentation and up-to-date functional analyses

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SECTORS

Demanding buildings, critical requirements

Our solutions are tailored to buildings and infrastructure where availability, comfort and energy control are essential.

- **Service continuity**
- **Occupant comfort**
- **Energy control**

Healthcare
Hospitals, clinics

Commercial
Offices, headquarters

Transport & infrastructure

Sport & leisure

Industry

Hospitality

Education & public buildings

Another sector?
Let's talk about your project.

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Five reasons to entrust us with your project

A committed technical partner, from the first study to day-to-day operation.

01 A single point of contact from design to maintenance

02 Open, interoperable solutions with no vendor lock-in

03 Proven expertise in building and industrial protocols

04 Complete documentation and fully trained operators

05 Local presence in Morocco, fast on-site response

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OUR COMMITMENTS

Values that guide every project



Technical excellence

Clear functional analyses and installations tested point by point.



Transparency

Detailed proposals, clearly explained technical choices, complete documentation.



Fast response

A team that can be mobilised quickly, on site or remotely.



Proximity

Close support for operators, from commissioning to future upgrades.



Independence

Open, non-proprietary solutions: you stay in control of your installation.

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OUR PARTNERS

Leading technology partners

AUTHORISED DISTRIBUTOR

WAGO

WAGO authorised distributor

Full range: connection, automation, interfaces, power supplies.

ORDERS

commandes@santie.ma

PcVue

Partner — PcVue supervision

CODRA

PANORAMA integration partner

LOYTEC
A Delta Group Company

Partner

BELIMO

Partner

DINUY

Partner

POSITAL
FRABA

Partner

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CONTACT

Let's talk about your project

HEAD OFFICE	Casablanca, Morocco
BRANCH	Imm. 1322, Lot Wifak, Entrée A, Office 08, 2nd floor, 12140 Témara, Morocco
PHONE	+212 5 37 40 46 01
MOBILE	+212 6 61 25 46 33
EMAIL	info@santie.ma • commercial@santie.ma
WEB	www.santie.ma
LINKEDIN	linkedin.com/company/santie
COVERAGE	Morocco and Africa

YOUR CONTACT

Youssef MHARZI
Sales & Projects Director

+212 6 61 25 46 33
youssef.mharzi@santie.ma

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SANTIE — Société Africaine de Nouvelles Technologies et Ingénierie Electromécanique (SARL AU) • Trade Reg. (RC) 466221 Casablanca • ICE 002551062000056 • Tax ID (IF) 45868894