



PRESENTATION CONTROL ENERGY

YOUR PARTNER TO SAVE ENERGY



WWW.CONTROLENERGY.COM.TN



Leading provider of innovative energy management solutions, specializing in harmonic mitigation and advanced reactive power compensation technologies



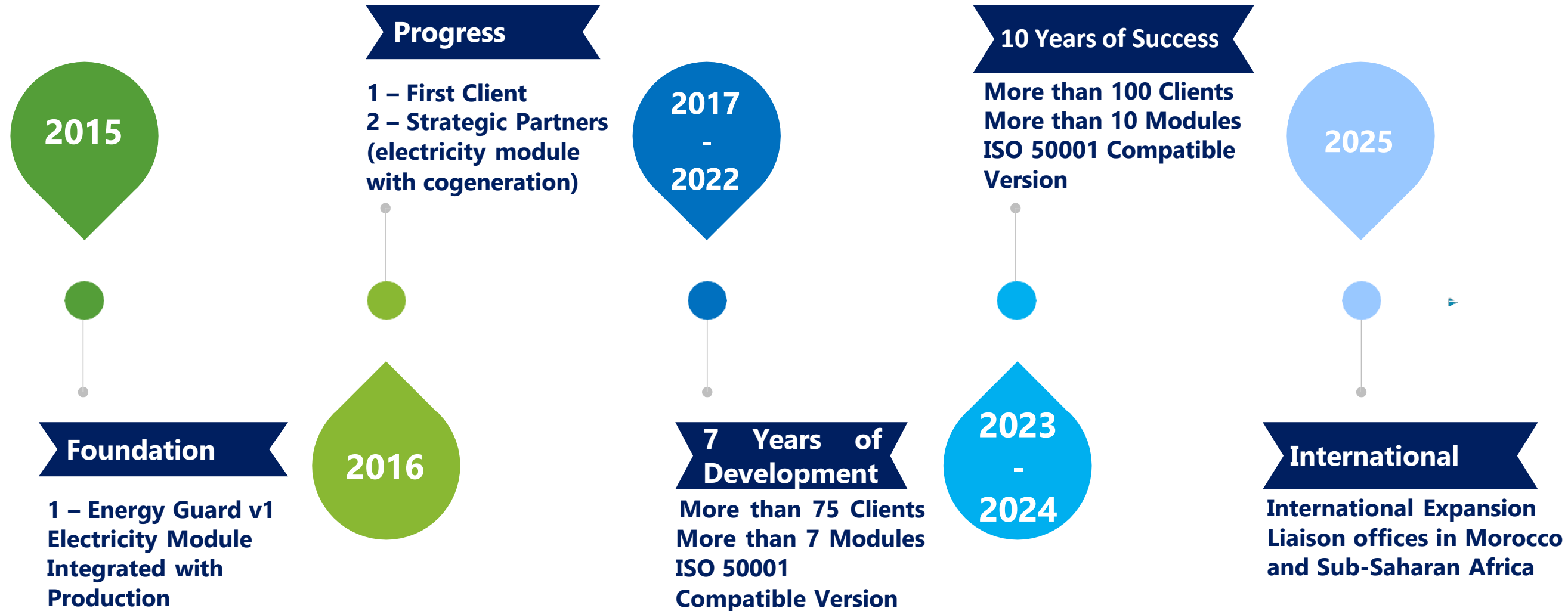
10 years of presence in both local and international markets, recognized in energy management and mega projects



Over 50 industries use our solutions
We represent more than 10 leading international partners
More than 5,000 measurement points deployed

+10 Years of Expertise and Success

2015-2025



Why Choose Control Energy?

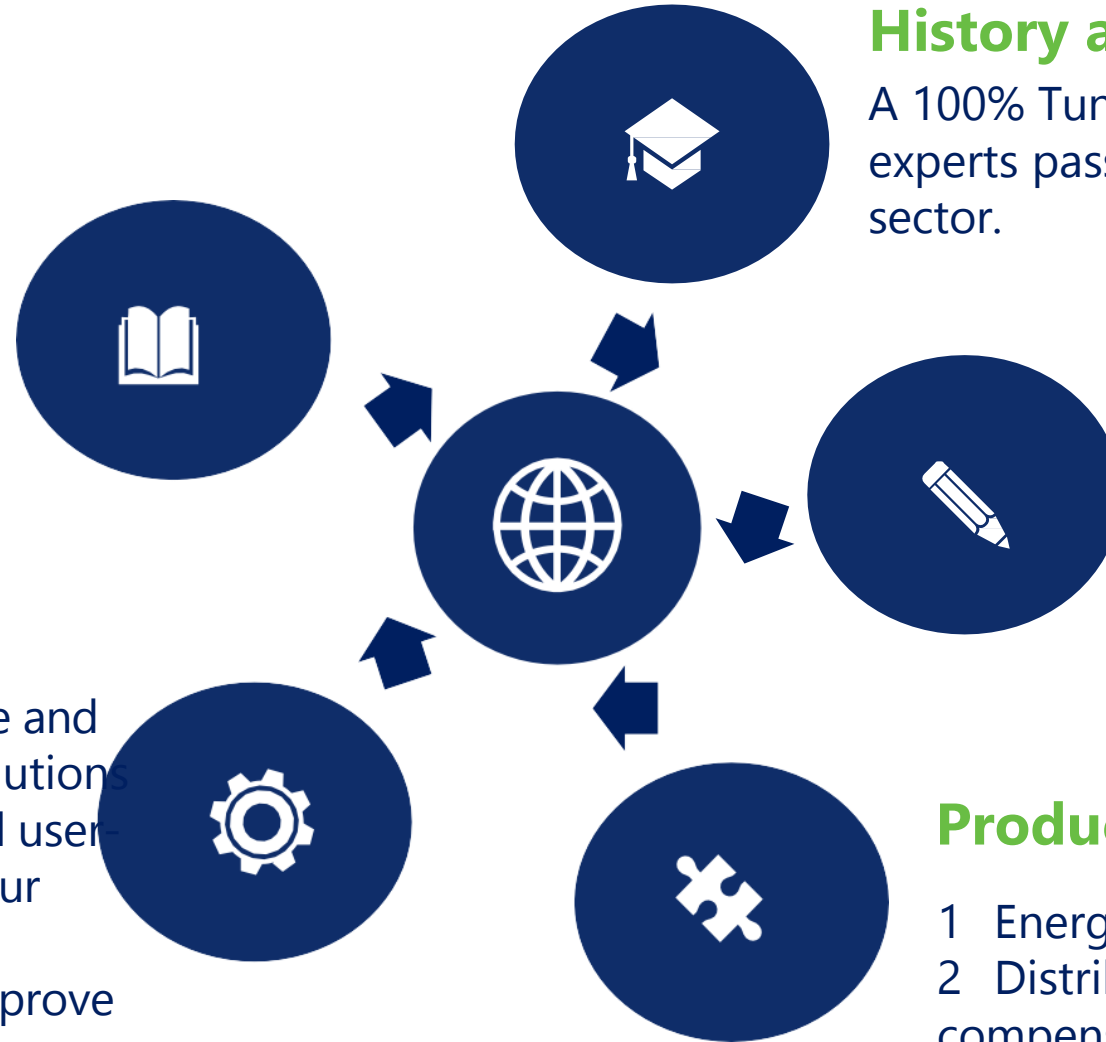


Commitment and Impact

- 1 Environmental Sustainability
- 2 Social Responsibility
- 3 Strategic Partnership

Vision and Mission

- 1- To become a leader in accessible and innovative energy management solutions
- 2- To provide reliable, scalable, and user-friendly technologies that enable our clients to optimize their energy consumption, reduce costs, and improve their environmental impact



History and Origin

A 100% Tunisian company founded by experts passionate about the energy sector.

Innovation and Technologies

- 1 Smart systems
- 2 Integration of IoT solutions
- 3 Industry 4.0

Products and Services

- 1 Energy management system
- 2 Distribution of measurement and energy compensation devices
- 3 Energy studies and system sizing

System

ENERGY GUARD

Cogeneration

SCADA

Development

Electricity Gas Water

Compressed Air Fuel Chilled Water

Production Steam Hot Water

Study

Reactive Power Compensation

Harmonic Filtering



ABOUT ENERGY GUARD



Energy Guard is an energy monitoring system (EMS) combined with real-time and remote production, developed by the Control Energy Company.

Energy Guard has a web interface available on the site's local network for energy metering, monitoring, tracking, and optimization.

Energy Guard is a tool suitable for ISO 50001 certification.



Tracking energy consumption becomes an integral part by making energy visible.

Energy Guard offers 3 main functions, integrated into a single system:



➤ **COMBINED ENERGY
MONITORING WITH
PRODUCTION**



➤ **ADAPTED TO THE ENERGY
MANAGEMENT
SYSTEM(ISO 50001)**



➤ **POWER
QUALITY
MONITORING**

A **structured** and systematic process of continuous energy improvement



Editable software,
responding to all
enhancements and
modifications



Suitable for Industry
4.0 and IoT



Unlimited usage
access



Meets safety
requirements



Measurement and
visualization of
energy data instantly



Periodic reporting
and monitoring
(Daily, Weekly,
Monthly, Yearly)



Lossless archiving of
data



Monitoring of
Dashboards and
Energy Performance
Indicators



Sends alarms and
tracks events and
transients



Management of
documents and
energy bills



Connectivity and
automation



Evaluation de la
qualité de l'énergie
selon la norme IEC
61000-2-4 et EN 50160

Our products

Our services



Energy
analyzers

Current
transformers

Active filter

Passive filter

SVG

Capacitor
bank

Servers(physical
,cloud)

Electrical installation

Network installation

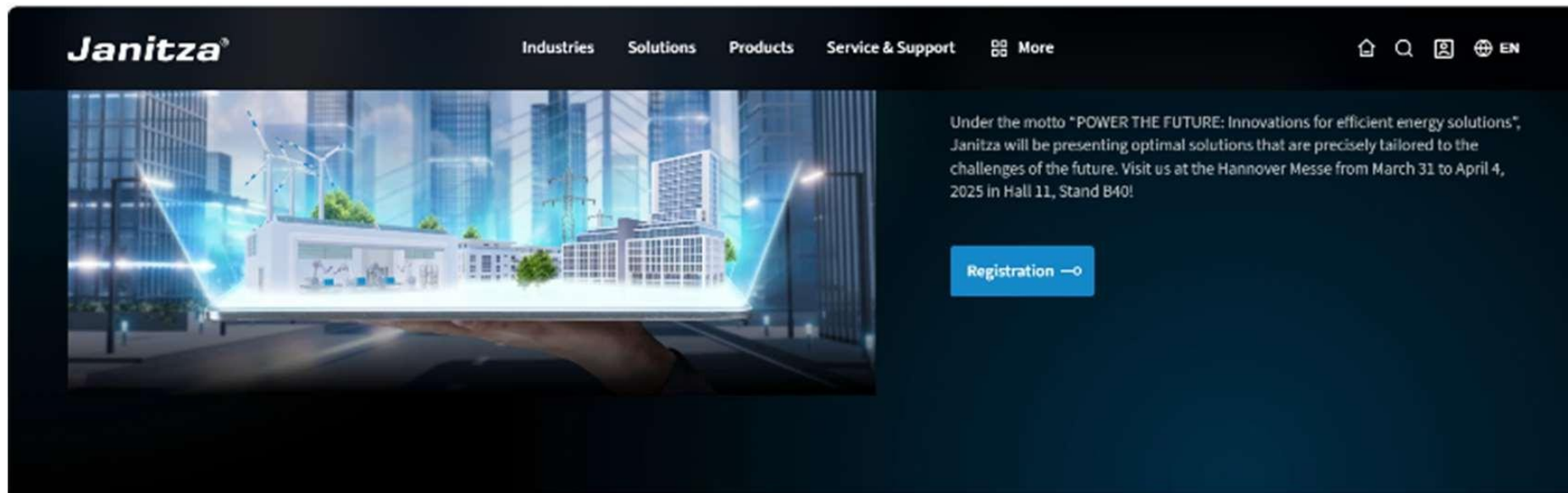
ASS
(After-sales service)

Our references



Janitza®

German leader in energy management and power quality, Janitza supplies measuring instruments and monitoring solutions to optimize energy efficiency.



➤ [Produits de Janitza](#)



Sinexcel

Expert in protection equipment and energy conversion, Sinexcel offers reliable electrical solutions to guarantee the safety and performance of energy systems.

Générateur statique avancé de Var

Solution de compensation hybride harmonique et puissance réactive à guichet unique

[View more →](#)



Filtre harmonique actif

Compensation harmonique inférieure à 5%

[View more →](#)



Filtre harmonique PRO actif

98,5 % solution de compensation harmonique à haut rendement

[View more →](#)



Ultra AHF

The revolutionary SiC Mosfet technology has driven the design optimization of power quality products

[View more →](#)



Générateur de Var statique

98,5 % solution de correction du facteur de puissance à haut rendement

[View more →](#)



Alimentation ininterrompue

Fournissez une alimentation de secours de haute qualité à votre système

[View more →](#)



➤ [Produits de Sinexcel](#)



Supplier of solutions and equipment for the construction industry. Schaffner stands out for its safe, durable products, ensuring efficient management of engineering projects.



➤ [Produits de Schaffner](#)



MBS AG & CO is the world's leading manufacturer of transformers and measuring transducers, providing reliable, high-quality solutions tailored to the specific needs of the energy and automation industries.



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Current transformer for low voltages



Current transformer for harmonics measurements up to 20 kHz



VTLS / VTLD - Voltage transformer for low voltage



CTO / CTR - Protective current transformers



Energy management



Energy meters

➤ [Produits de MBS](#)

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