



PRESENTATION CONTROL ENERGY

YOUR PARTNER TO SAVE ENERGY



WWW.CONTROLENERGY.COM.TN

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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



2015



Foundation

1 – Energy Guard v1
Electricity Module
Integrated with
Production

Progress

1 – First Client
2 – Strategic Partners
(electricity module
with cogeneration)



2017
-
2022



7 Years of
Development

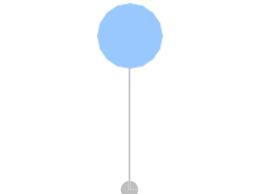
More than 75 Clients
More than 7 Modules
ISO 50001
Compatible Version

10 Years of Success

More than 100 Clients
More than 10 Modules
ISO 50001 Compatible
Version



2025

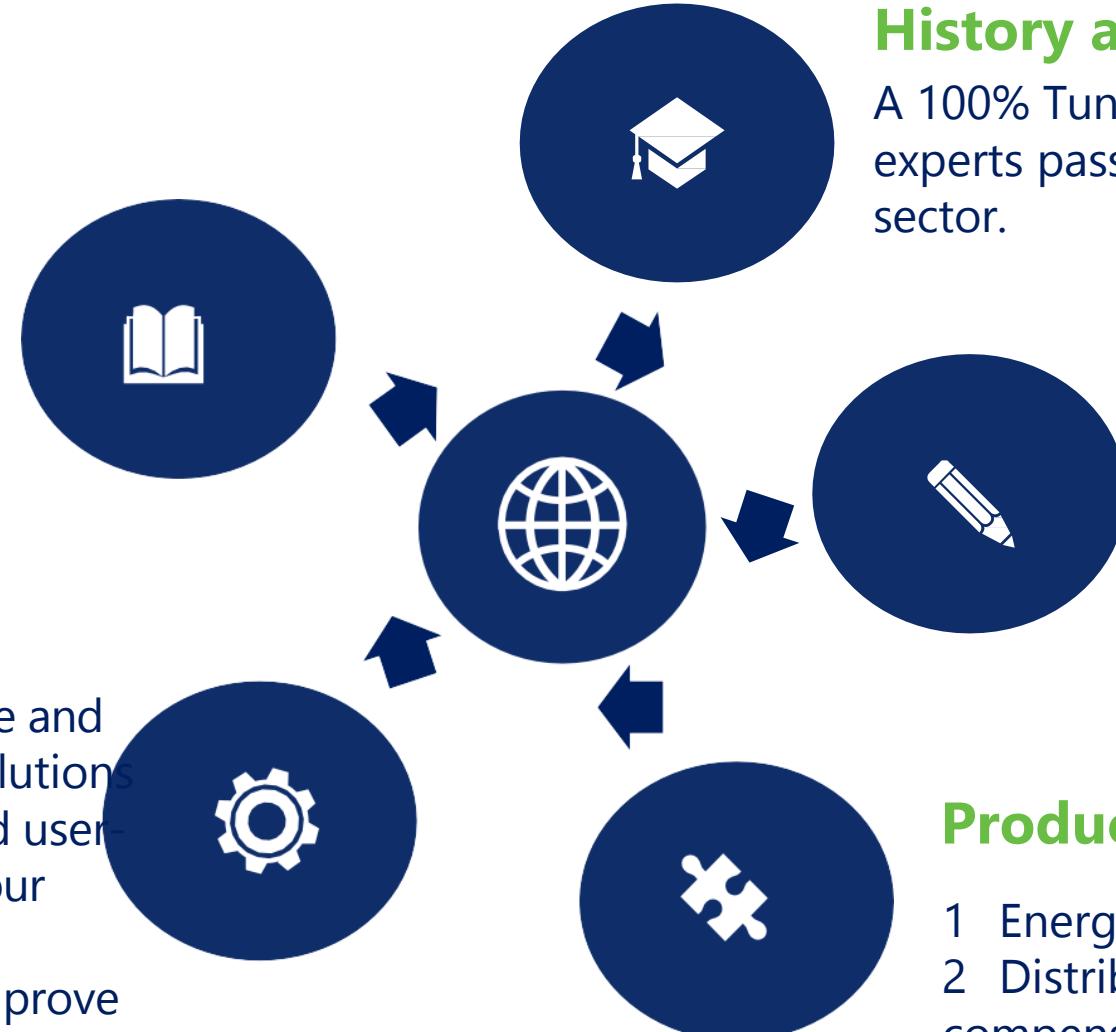


International

International Expansion
Liaison offices in Morocco
and Sub-Saharan Africa

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.

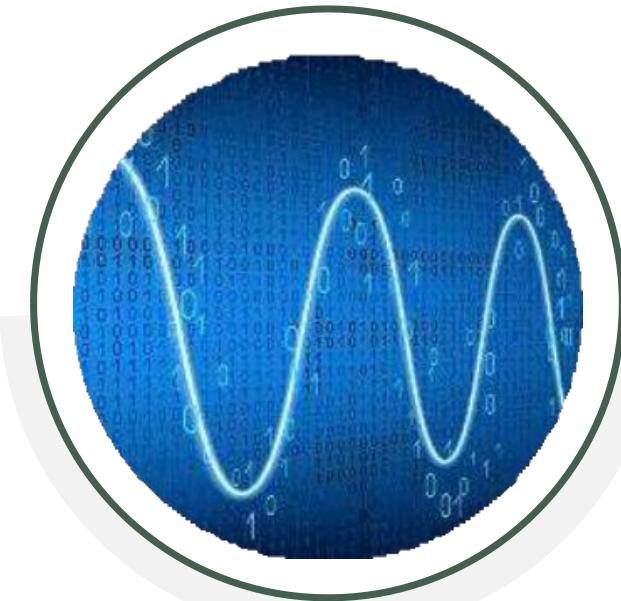
Energy Guard offers 3 main functions, integrated into a single system:



➔ 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

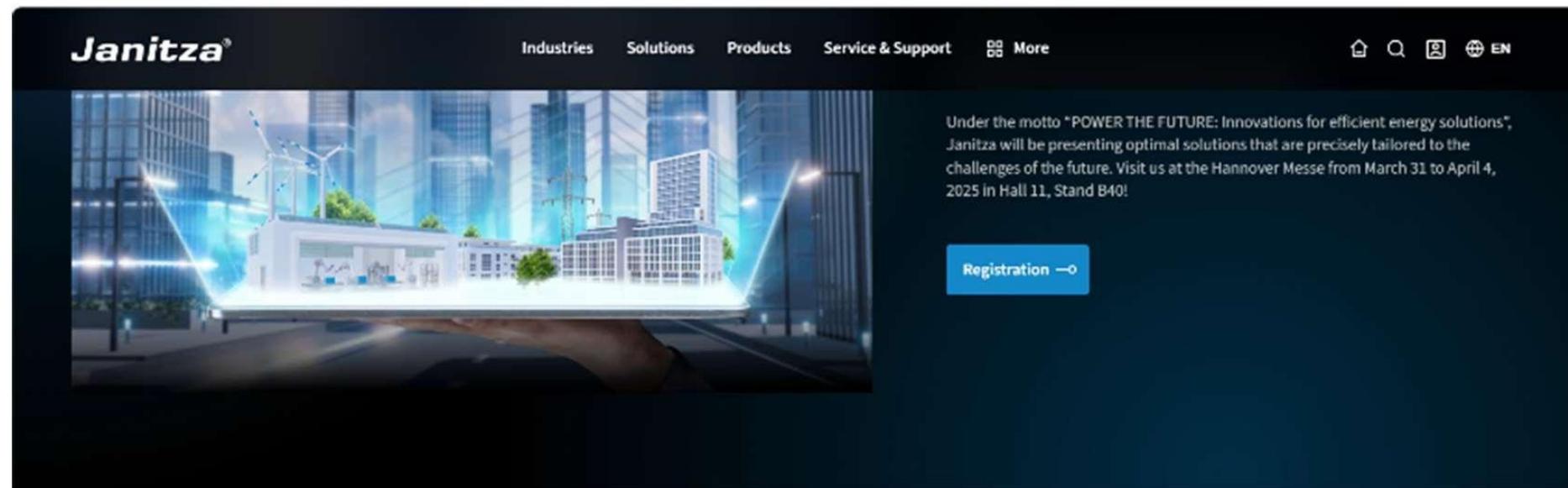
ASS
(After-sales service)

Our references



Janitza®

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



The image shows the homepage of the Janitza website. The header features the Janitza logo and a navigation menu with links to Industries, Solutions, Products, Service & Support, and More. On the right, there are icons for search, language (EN), and user account. The main content area has a large image of a modern building with a glass facade and a wind turbine in the background. To the right of the image, text reads: "Under the motto *POWER THE FUTURE: Innovations for efficient energy solutions*, Janitza will be presenting optimal solutions that are precisely tailored to the challenges of the future. Visit us at the Hannover Messe from March 31 to April 4, 2025 in Hall 11, Stand B40!" Below this is a blue "Registration →" button. The overall design is dark with blue and white text.

➤ [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 →](#)



➤ [Produits de Sinexcel](#)

Ultra AHF

The revolutionary SiC Mosfet technology has driven the design optimisation 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 →](#)



Our partners



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

A large image of a city skyline at sunset, with red lines radiating from the buildings towards the top left corner, symbolizing connectivity and global reach. The Schaffner logo and tagline are in the top left, and a navigation bar with links to Compagnie, Industries, Produits, Carrière, and Média is in the top center. A search bar and social media icons are in the top right.

schaffner
MORE POWER TO YOU
is now part of **TE** CONNECTIVITY

Compagnie Industries Produits Carrière Média

Q | | | on | |

Vos inventions font tourner le monde.

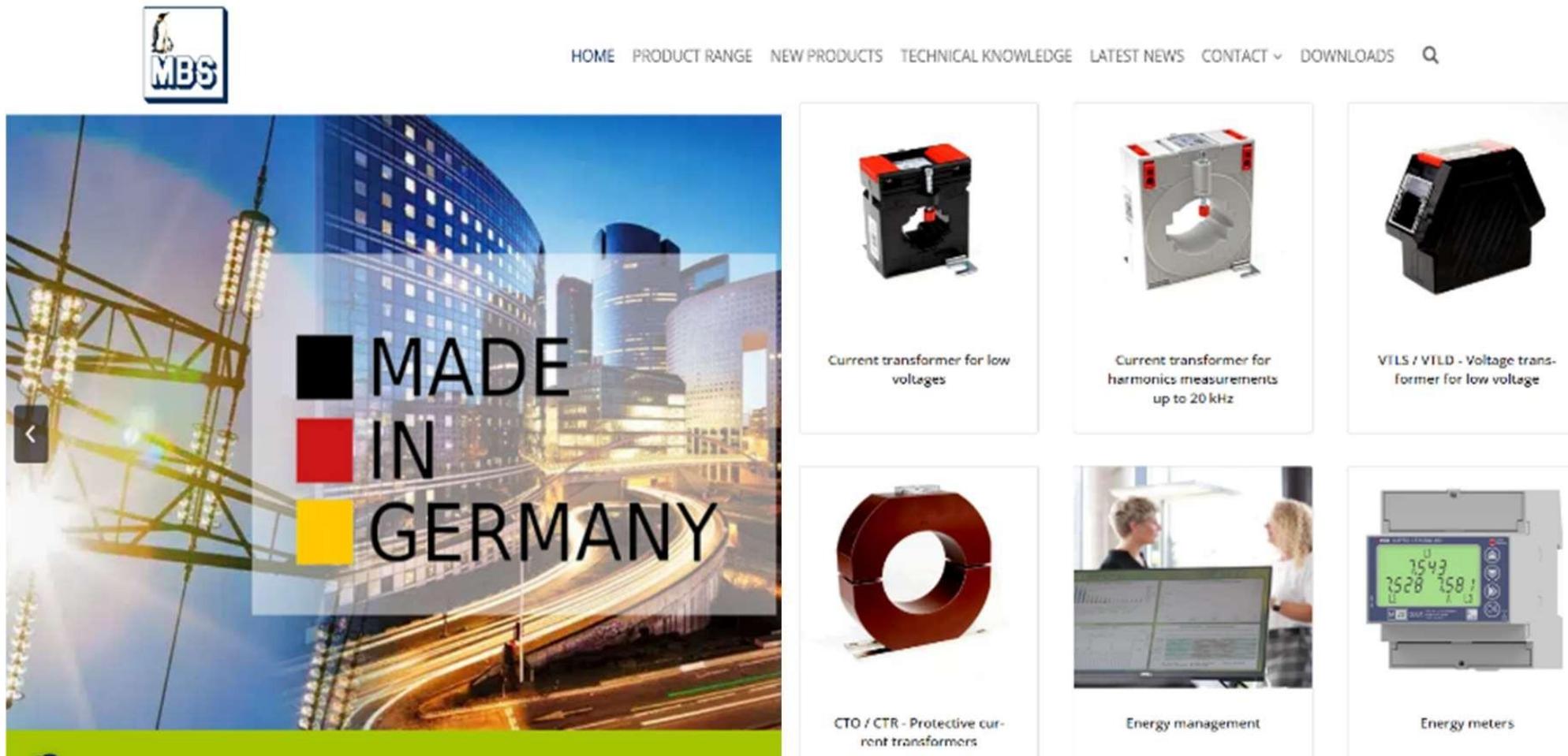
Nous filtrons le bruit.

Faites confiance à notre expertise électromagnétique pour réaliser votre potentiel

➤ [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.



The screenshot shows the MBS AG & CO website. At the top, there is a navigation bar with links: HOME, PRODUCT RANGE, NEW PRODUCTS, TECHNICAL KNOWLEDGE, LATEST NEWS, CONTACT, DOWNLOADS, and a search icon. On the left, there is a large image of a modern city skyline at night with the text "MADE IN GERMANY" overlaid. On the right, there are six product images arranged in a grid:

- 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

At the bottom right of the grid, there is a link: ➤ [Produits de MBS](#)

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