



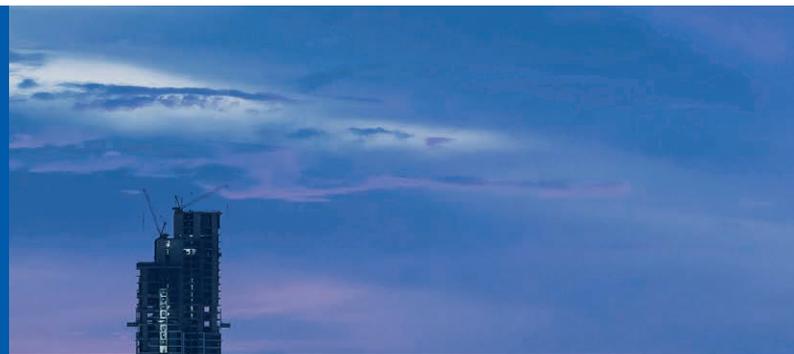
IIOT SOLUTIONS

From measured value
to added value

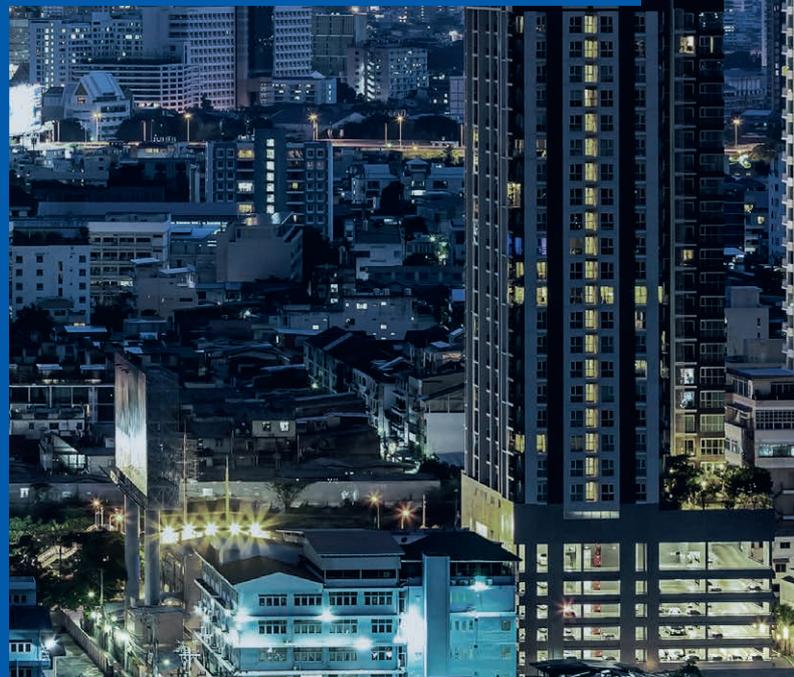


Smart in sensing

NEW GROWTH OPPORTUNITIES WITH WIKA



**IIOT
SOLUTIONS**

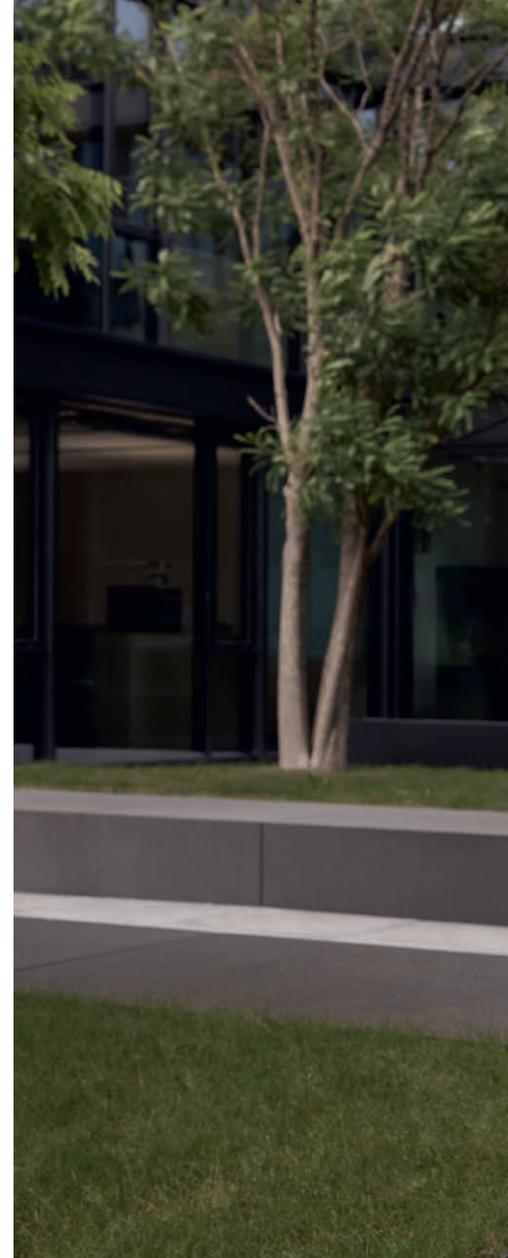




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- 6** Strengthening future-proofness through digitalisation
- 8** Holistic IIoT solutions along the entire value chain
- 10** Leading in measuring instruments
- 12** More efficient, safer, more sustainable
- 14** Optimise your processes with WIKA IIoT
- 16** WIKA worldwide

SENSORS ARE THE SENSES OF DIGITALISATION

FROM MEASURED VALUE
TO ADDED VALUE



Alexander Wiegand
Chairman and CEO, WIKA

“

Our IIoT solutions offer the same quality, reliability and customer focus that our products have been known for for over 75 years. Expect the same in the future.



Digitalisation is changing the industry across all sectors. 80 % of data worldwide has been generated since 2019. Due to the growing Internet of Things (IoT), data is becoming the resource of the 21st century.

With almost one billion measuring points in the market worldwide, WIKA is predestined to bring the acquired data to the cloud by making sensing smarter.

With our innovative complete solutions, we support our customers in becoming future-proof by offering new added value through the combination and use of digital measured data across the entire value chain.

GROWING TOGETHER WITH MEGATRENDS

STRENGTHENING FUTURE-PROOFNESS THROUGH DIGITALISATION

The means and opportunities offered by digitalisation also support decarbonisation (e.g., through hybrid working models) as well as requirements resulting from demographic change (e.g., labour shortages).

Companies are faced with the task of becoming future-proof. Digitalisation, especially the Industrial Internet of Things (IIoT), plays a key role. It offers many advantages and opportunities and can be the basis for new, future-proof business models.

WIKA is driving the digital transformation with new intelligent, or smart, products, services and solutions. We support our customers in future-proofing their processes by creating new added value from acquired data – as promised by the new company claim:

Smart in sensing

A blurred portrait of a person in a dark blue jacket, positioned on the right side of the page. The person's face is not clearly visible due to the blur effect.

Thomas Hasenoerhl
Vice President
IIoT Systems & Solutions



“

Digitalisation is challenging for all of us. But it also brings enormous opportunities.

FROM APPLICATIONS TO ADDED VALUE

HOLISTIC IIOT SOLUTIONS ALONG
THE ENTIRE VALUE CHAIN

WIKA in brief

A family business
since 1946

> 11,200 employees

Worldwide sales and
service network with
more than 1,500 sales
professionals

Subsidiaries and
sales agencies in over
75 countries

Innovation Center
with > 100 development
engineers

1.2 billion EUR turnover

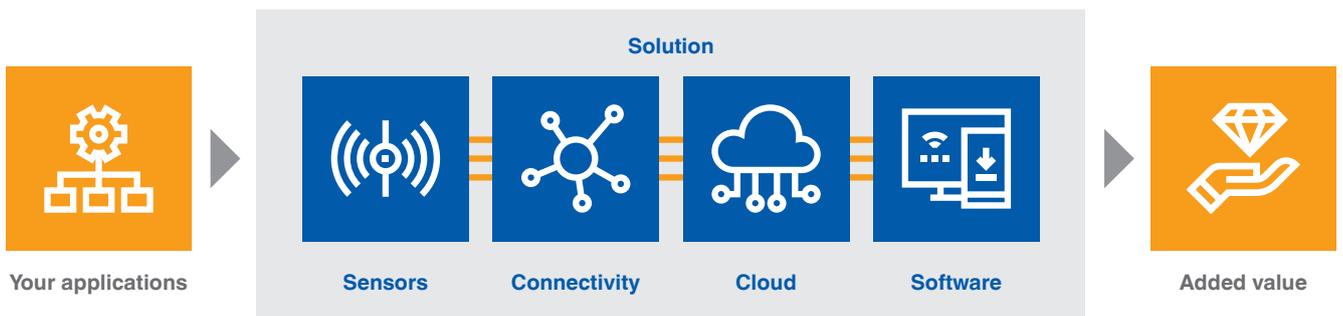
Quality management:
ISO 9001, ISO 13485

Environmental
management: ISO 14001

Fatimata Diaby
R&D Team IIoT

“

It is crucial to capture
data at the measurement
devices level
while understanding
its full potential.



WIKA makes data available along the entire value chain, thereby creating the basis for new business models and processes:

- Sensor, measuring instrument and gateway setup
- Secure linking to the cloud or local data servers
- Individual application configuration
- Training courses

WIKA provides support for setting up sensors and gateways to establish secure cloud-connected or on-premise solutions and enable individual configuration of your application.

LEADING IN SENSING SOLUTIONS

FOR NON-HAZARDOUS AND HAZARDOUS AREAS

With around one billion measuring points installed worldwide, WIKA is the ideal partner for transferring your data securely and reliably to the cloud with intelligent sensor solutions. Our IIoT sensor technology is powerful, robust, flexible and suitable for use in potentially explosive environments. As a long-standing industry partner, we use our leading position and innovative strength to provide you with the best possible support through our expertise in the areas of pressure, temperature, level, flow and force.

We support you in these fields with our high-performance, robust and flexible IIoT sensing technology.



Predictive maintenance



Plant monitoring



Condition monitoring and alarming



Process optimisation



MORE EFFICIENT, SAFER, MORE SUSTAINABLE



Real-time monitoring

Predictive algorithms identify potential problems in advance, keep your employees up-to-date and trigger alarms in the event of critical values. This enables automatic or manual interventions to avoid production downtime.



Team productivity

IIoT solutions from WIKA enable the automation of menial, time-consuming tasks to improve the efficiency of your employees. This minimises missteps and failures that can arise from human error in repetitive, monotonous tasks.



Security

WIKA attaches great importance to the protection of your data. With complete end-to-end encryption, bidirectional communication and a cloud solution hosted in the EU, we consistently implement the highest security standards.



Diagnosis & documentation

All measured data is archived to comply with internal and legal requirements. The seamless collection of data allows existing process weaknesses to be identified and eliminated with the help of diagnostic algorithms.



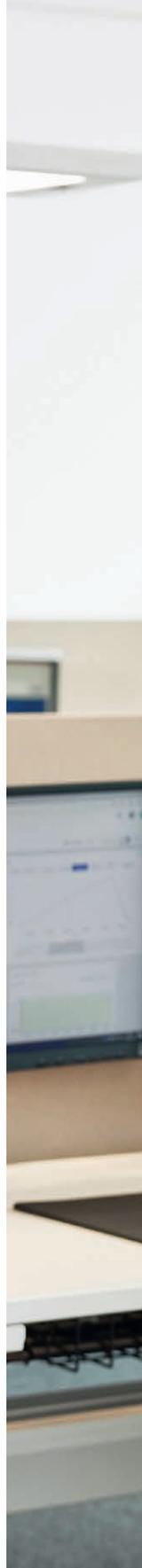
Maintenance automation

Maintenance actions are automatically initiated, eliminating the need for manual reading and estimating. This enables your team to focus on priority tasks.



Cost reduction

Thanks to precise, automatic evaluation of the measured data, all processes along your value chain can be optimised and unnecessary cost drivers eliminated.





“

WIKA IIoT solutions help you optimise processes, increase efficiency and achieve added value.

Michael Heider
Head of IIoT Engineering

NEW GROWTH OPPORTUNITIES WITH WIKA IIOT SOLUTIONS

OPTIMISE YOUR PROCESSES WITH WIKA IIOT

Our innovative solutions, matched exactly to your requirements, deliver data that's becoming increasingly useful, intelligent and valuable. We cover the entire value chain: from the installation of the sensors, measuring instruments and gateways to the secure connection to the cloud or local data server as well as the configuration of the application and training.

WIKA's end-to-end IIoT solutions enable comprehensive networking for real-time monitoring and asset control, improving operational performance, performing preventive maintenance activities and optimising resource consumption. Your business benefits from scalability and flexibility to increase operational performance, reduce costs and stay future-proof in a rapidly changing market.

Strong partner in IIoT ecosystems

As a founding member of the mioty alliance, WIKA drives the development of pioneering technologies and supports industrial standards such as LoRaWAN® and OPC UA. For WIKA, technological leadership has been the key to opening new markets and applications for over 75 years.



Providing flexible and state-of-the-art solutions

To meet the requirements of our customers and offer flexible, compatible solutions, WIKA cooperates with leading technical organisations and companies.

Data security has the highest priority – which is why all WIKA cloud solutions are hosted within the European Union. Our comprehensive IIoT offering, based on the latest industry standards, preserves the integrity of your data with end-to-end encrypting.



Would you like to learn more about how you can turn measured values into added value with future-oriented IIoT solutions?

Contact us!

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You can find further
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