

**DIEHL**  
Metering

# PRESS KIT

26°C

6 456 kW

64°C

1 525 m<sup>3</sup>/h

8 415 kW





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# A FAMILY BUSINESS AND WORLDWIDE LEADER

Diehl Metering is part of the Diehl Group, a financially independent and legally autonomous family-run company founded in 1902. Diehl is active in different business fields withing the industrial sectors. In 2010, Diehl Metering became the 5th corporate division of the Diehl Group alongside Metal, Controls, Defence and Aviation.

Diehl Metering is a worldwide leader in the design, manufacture and supply of smart metering solutions. With over 150 years of experience, we empower utilities, municipalities and industries to take control of their infrastructures, bringing new efficiencies to the way they **manage water and energy**.

Our extensive range of services and solutions includes data-driven insights, IoT connectivity, fully flexible software, and seamless intelligent metering. We also utilise artificial intelligence to boost performance and deliver **cost savings for our customers**.

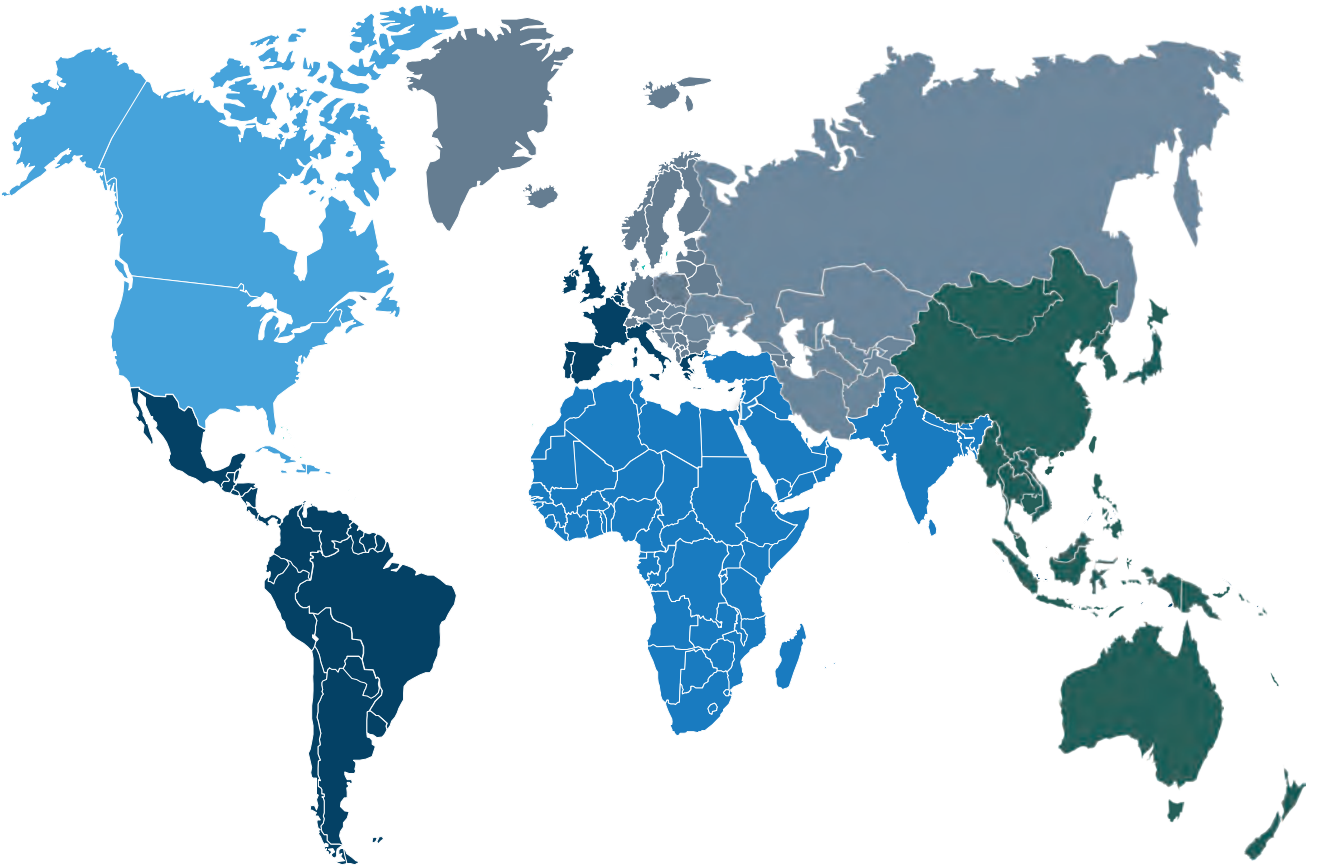
Headquartered in Germany, we are a **family-owned business** with an international reach. We are proud to maintain our founding principles of **quality, reliability and customer proximity** while proactively shaping a better future for our customers and the communities they serve. Our approach is to **think global and act local**. By anticipating trends and remaining agile, we adapt and develop our strategy with our customers and for them.

In supporting their long-term growth, we also contribute to the sustainability of the planet, crafting innovations that enable our customers to make ever better use of the natural resources we all rely on.

# CLOSE TO OUR CUSTOMERS

You'll find us where our customers are - everywhere.

Headquartered in Nuremberg, Germany, we are a family business with a worldwide presence consisting in three production plants and six sales regions.



- Sales Region 1

North America
- Sales Region 2

Western Europe, South America, Mexico
- Sales Region 3

Central, Eastern and Northern Europe, Caucasus and Central Asia, Iran
- Sales Region 4

China, Southeast Asia, Australia
- Sales Region 5

Middle East, Africa, Turkey, South Asia





# DIEHL METERING IN NUMBERS\*

\* figures 12/2020



**1,617**  
EMPLOYEES  
WORLDWIDE



**309**  
MILLION  
TURNOVER ANNUALLY



OVER  
**150** YEARS  
OF EXPERIENCE, EVER SINCE  
WE BEGAN AS A FOUNDRY  
IN WROCLAW IN 1862



OVER  
**20** YEARS  
OF EXPERTISE  
IN RADIO & ULTRASONIC  
TECHNOLOGIES



**15**  
LOCATIONS  
WORLDWIDE

# MILLIONS OF DEVICES INSTALLED WORLDWIDE\*

\* figures 12/2019

**> 7**  
MILLION  
METERS/YEAR

**28**  
MILLION  
POSITIVE/  
DISPLACEMENT  
METERS

**52**  
MILLION  
RADIO  
MODULES

**8.3**  
MILLION  
ULTRASONIC  
METERS





# OUR APPROACH: QUALITY, INNOVATION AND CUSTOMERS FIRST



## A TRADITION OF EXCELLENCE

Ever since our company was founded, quality and reliability have been non-negotiable in every aspect of our business. They're why we insist on superior raw materials and cutting-edge expertise. Why we test and control at every stage of production. And why we constantly challenge the way we do things and strive to continually improve. Our reputation for excellence is something we never take for granted.



## PASSION FOR INNOVATION

We are pioneers in our field. 24 years ago, we developed our unique IZAR radio technology, which evolved to become a precursor to today's Internet of Things and continues to set industry standards as a smart metering solution. We are also one of the founders of the MIOTY Alliance, helping to develop a next-generation wireless communication platform that promises to become a major standard for Massive IoT. And we are actively developing predictive maintenance and digital twin models by integrating AI into our solutions.



## WITH AND FOR OUR CUSTOMERS

Our strategy is to empower our customers. We give them data-driven tools so they can make better-informed decisions. We offer them analysis and insights to take control of their resources. And we deliver the support and backing they need to achieve their long-term ambitions. From technological development to solution customisation, we work with and for our customers.





# SMART SOLUTIONS DESIGNED FOR THE LONG TERM

Diehl Metering offers a complete range of services, including intelligent meters for water and thermal energy, and system solutions that facilitate unlimited communication between devices in radio or fixed networks.

We provide radio modules and remote reading systems for automatic data reading, data management and data analytics.

We design tailored software solutions for smart networks that can co-exist with multiple standards including NB-IoT and LoRaWAN.

What's more, our solutions are modular, flexible and resistant. They can be seamlessly integrated with meters from different brands and in places with extreme climatic conditions.

# A RESPONSE TO TODAY'S MEGATRENDS

Megatrends such as urbanisation, climate change and water scarcity are shaping the global landscape – and we believe it is our responsibility to help address these issues. How? By designing solutions that promote a better use of the planet's natural resources.

By helping our customers tackle issues such as non-revenue water and asset management, we enable greater energy efficiency, helping to create a better future for everyone.



## SOLUTIONS

- Automatic Meter Reading
- Advanced Metering Infrastructure
- Leak detection
- Smart Heat features
- Sub-metering solutions



## SERVICES

- Consulting & Analysis
- Network optimisation
- Planning
- Implementation
- Training & Support



## SYSTEM & SOFTWARE

- IZAR Plus Portal
  - IZAR@NET
  - IZAR@HOME
  - IZAR Devices
- Our IZAR solutions are designed using the cross-sectoral Open Metering System (OMS) communication standard – compatible with a wide range of water meters and multiple IoT sensors.



## METERS - WATER

We offer technologies adapted to the specific needs of both utilities and private water management: single-jet and multi-jet velocity flowmeters, volumetric meters, ultrasonic meters and piston flow meters.

Our HYDRUS ultrasonic meter is designed to deliver extremely accurate measurements and long-term reliability.

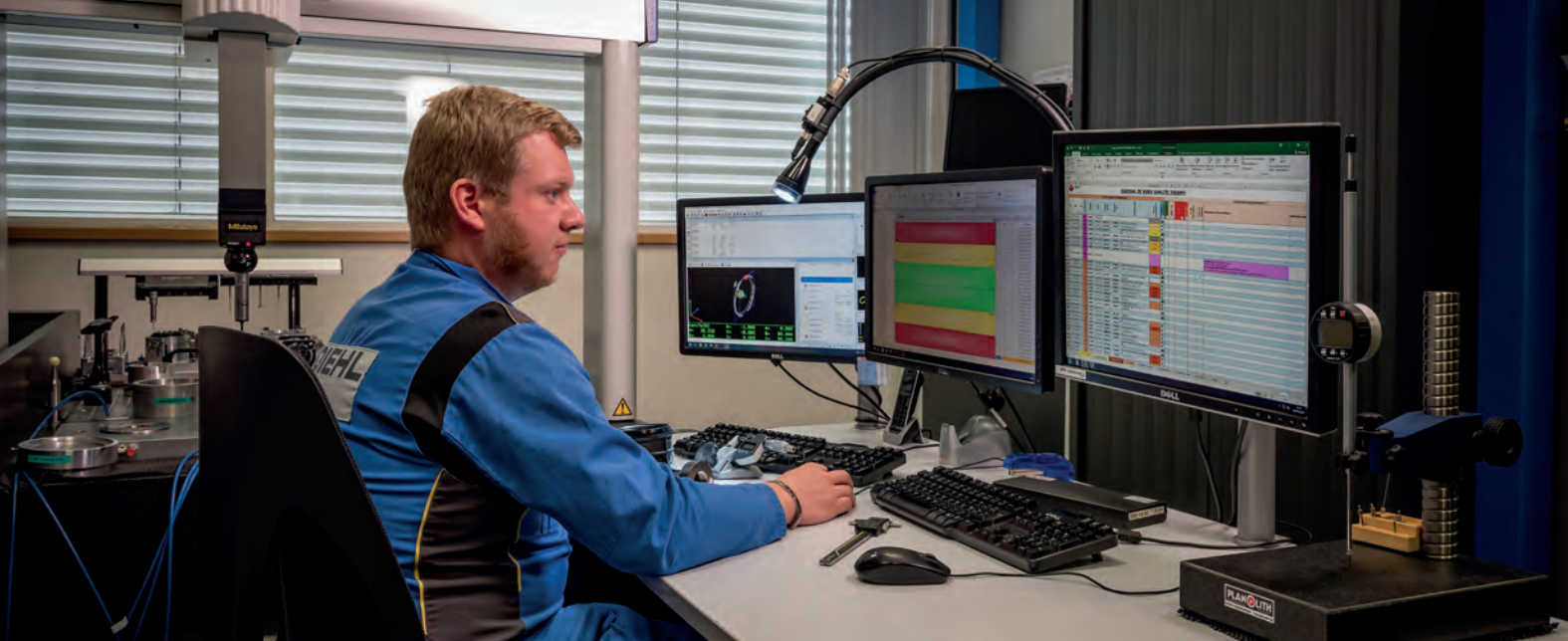


## METERS - ENERGY

We deliver an extensive range of solutions for local and district heating and cooling. Our ultrasonic meters and sensors, all produced in-house, have been proving their value for many years in system projects all over the world.

Since 2007, our SHARKY ultrasonic meter has consistently been awarded 5 stars for measurement stability by independent tester AGFW. All our energy meters are equipped with interfaces for communication via radio or M-Bus.





## 6 REASONS TO CHOOSE DIEHL METERING

### A TRADITION OF EXCELLENCE

Our products are designed to meet high standards of durability. Our radio module software is futureproof and easy to operate. It has long been able to connect multiple devices, making it an early example of the Internet of Things.

### EXPERIENCE, QUALITY & RELIABILITY

We use high-quality metering technology for our solutions, an area where we have 150 years of experience. This combines with more than 20 years of experience in smart, modular solutions that grow with customer requirements. We have achieved the ISO 9001:2015 certification for Quality Management Systems.

### CUSTOMISED SOLUTIONS

Our solutions and systems can always be adapted to our customers' needs. They can easily be integrated in existing networks using other product brands, or in networks facing difficult climatic conditions.

### SUSTAINABILITY

We have been awarded ISO 14001 certification for Environmental Management Systems by Quality Austria, meaning that our environmental impact is being addressed and improved.

### FLEXIBILITY & MODULARITY

Our system solutions use the manufacture-independent and cross-sector Open Metering System (OMS) communication standard, which ensures that a wide range of sensors and devices from various manufacturers can be seamlessly integrated into an existing infrastructure. This allows water and energy providers to integrate both interoperable consumption meters and IoT sensors for other applications into the Diehl Metering network solution – today and in the future.

### SECURITY

Our data centre was granted the ISO 27001 certification by the German Institute for Standardization. Our data encryption for end devices also reaches the highest international standards.

## SETTING AND MEETING STANDARDS YOU CAN RELY ON



**MID certification awarded by LNE**, proving compliance with requirements of module D of Directive 2014/32/EU



**ISO 9001:2015** certification awarded by Quality Austria, for **Quality Management Systems** achieved at multiple Diehl Metering sites



**ISO 14001:2015** certification awarded by Quality Austria, for **Environmental Management Systems** achieved at multiple Diehl Metering sites



**Saint-Louis** site in France awarded the Gold recognition level on the **EcoVadis CSR audit**

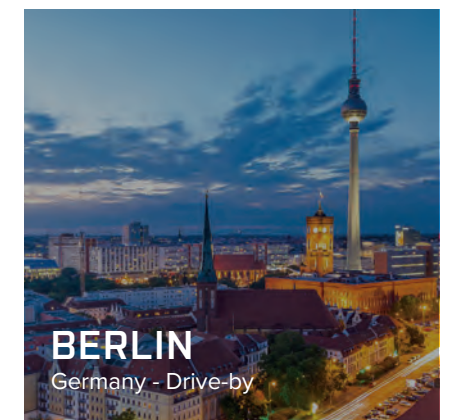
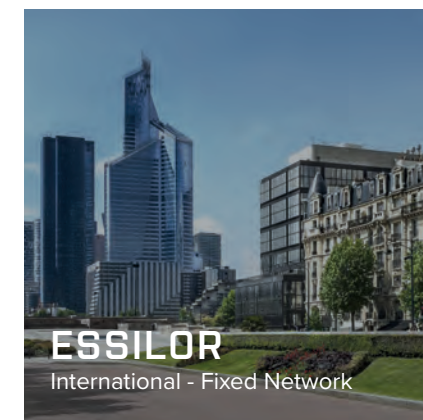
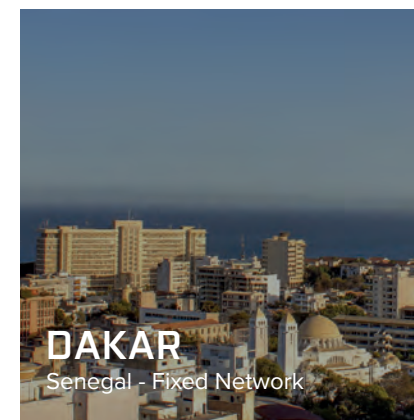
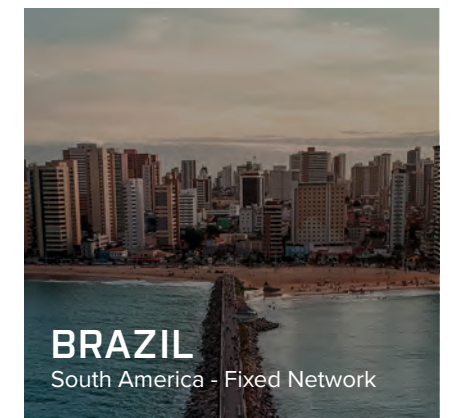
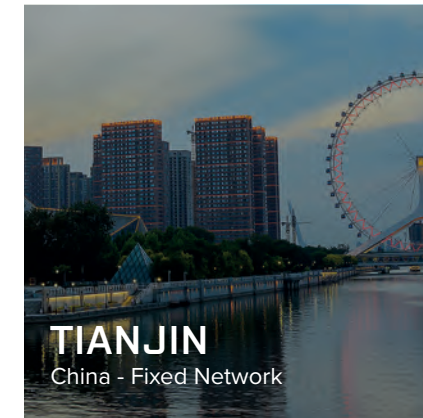
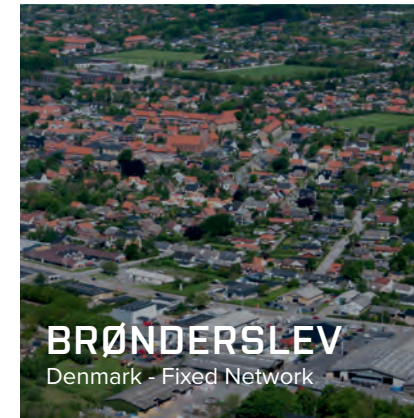


**SHARKY** ultrasonic meter awarded **5 stars out of 5 for measurement stability** by AGFW, consistently since 2007





# CUSTOMER SUCCESSES AROUND THE WORLD





Have questions you would like to address us?  
Here are our contact details:

<https://www.diehl.com/metering/en/press-media/press/>

To learn more about our smart water and energy solutions,  
visit [www.diehl.com/metering](http://www.diehl.com/metering)