smart metering
solutions

WIRELESS DATA TRANSFER

MOBILE OR FIXED METER READING

GREEN STAR BUILDING AND
BUILDING MANAGEMENT INTEGRATION

≋ENWARE

installing**confidence**

A new era in **automatic meter reading** for water, gas and electricity.

Enware presents the latest in metering technology with the introduction of the **IZAR Metering System**, a simplified automatic meter reading system which effectively and accurately measures and reports on water, gas and electricity usage.

MOBILE METER READING
WALK-BY/DRIVE-BY
Automatic Meter Reading (AMR)

- **Flexible Technical Systems**
- **Lower investment cost**
- **Exact Billing Date**
- **Drive-By Time Savings**
- **Possible upgrade to static reading**

Mobile meter reading enables consumption data to be collected over radio by simply walking or driving by. The data collected can then be downloaded and analysed in the office - saving time and money.

Walk-By meter reading provides a low cost and accurate method of collecting data. **Drive-By** meter reading can be achieved at speeds of 50kph saving even more time. Both systems enable reading of meters in difficult to access locations.

Efficient and accurate meter reading and data collection is ensured with the incorporation of modern mobile technology,

This mobile system can be expanded into a fixed network solution at any time.

FIXED METER READING
WIRELESS FIXED NETWORK
Automatic Metering Infrastructure (AMI)

- **Central reception of data**
- **Save time with elimination of reading tours**
- **Continuous data flow**
- **Individual reading intervals**
- **Robust, fault-free transmission using wireless technology**

Fixed meter reading transmits measurement data over a wireless network directly to provider or producer headquarters, enabling all data received to be processed centrally - using point to point communication.

Bundled transmission ensures efficiency in data forwarding and eliminates the need for individual meter reading.

Continuous information flow enables greater management capability through the retrieval of current consumption data whenever required.

Individual reading intervals can be changed at any time to provide optimum flexibility for modern data communication.

The wireless fixed network system eliminates the need for cabling and provides an economic solution with greater flexibility for the future.

15mm | 20mm | 25mm

32mm | 40mm

50mm

WALK BY | DRIVE BY SYSTEM

FIXED NETWORK | RDC

IZAR@NET
IZAR@MOBILE

DATA MANAGEMENT

Enware can provide a range of software and data management solutions to meet your needs.

- **Remote data collection**

  IZAR@NET software allows for data collected to be visualised and evaluated remotely for all mediums such as water, gas and electricity

- **Data Integrity**

  Designed to provide the highest level of data integrity and system performance

- **Hosting Solutions**

  Information collected can be managed by Enware and provide users access to a web portal for billing and consumption reporting

- **User-friendliness**

  Software can be tailored to match specific customer requirements. Clear graphics and easy operation minimises familiarisation time

- **Adaptable**

  Developed to interface with and adapt to most customer billing systems

- **BMS Integration**

  Full building management system integration via BACnet/IP

- **Multiple Users**

  Simultaneous access for multiple users

HYDRUS ULTRASONIC WATER METER

HYDRUS marks a new era in water metering based on optimum precision and the best possible efficiency. Accurate reading and integrated radio, the ideal foundation for your smart metering system.

Innovative use of ultrasonic technology enables a new level of accuracy in recorded measurement data. **Available from 15mm to 50mm.**

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automatic meter reading