DIEHL
Metering

IZAR PLUS PORTAL

METER DATA MANAGEMENT



APPLICATION

IZAR PLUS Portal is the web-based application of Diehl Metering's Meter Data Management Software running as a service on an external high security data center in Germany. IZAR PLUS Portal provides all key features for efficient processing of metering data and easy administration of meter reading via Fixed Network or Walk-By / Drive-By.
Accessing the application 24/7 from any place and operating system increases your flexibility of administering metering data, read out processes and the supply network.

FEATURES

- Facilitates multi utility approach by managing all media in one system (Water, Thermal Energy, Gas, Power)
- High scalable software design focused on mass data management
- Integrated map view for easy organisation of devices and readout tours
- High-performant analysis engine e.g. for leakage detection and to avoid energy losses
- In-built task scheduler to facilitate meter import/export and analysis jobs
- Instant graphical representation of meter data
- Interactive Dashboard for most important information
- Alarm monitoring to notify on problems in the meter network
- Use REST API for easily connecting third party software and a quick implementation process

ADVANTAGES

• Secure 256-bit SSL encrypted connection (https)
• ISO/IEC 27001 and ISO 9001 certified data center infrastructure
• Servers located in Germany, which is renowned for having one of the strictest data protection laws in the world
• Including updates, upgrades and regular backups
• No further investment in infrastructure and maintenance (hard- and software) necessary

SYSTEM REQUIREMENTS

• Min. 2 Mbit internet connection
• Min. screen resolution 1024 x 768 Pixel
• Web browsers currently supported (for Windows, Mac und Linux; current and predecessor version): Firefox, Chrome, Safari, Edge

BASIC PACKAGE FEATURES

• Customizable Import from csv and Export to csv/xlsx
• Fuzzy search and multiple filtering options
• Integrated map view for meters, read out tours and data concentrators
• Dashboard view for system monitoring
• Pre-defined graphics to visualize meter readings and consumptions
• In-built task scheduler to automate e.g. import/export or analysis jobs
• Standard analyses, e.g. to compare meter consumptions, to detect alarms or to find missing meter reads
• Email notification on meter readings, alarms or analysis results
• Management of meter replacements in combination with IZAR@MOBILE 2 software
• Storage and display of additional meter information from the field, e.g. photos, comments
• User rights management allows limited access of users to meter groups

AVAILABLE MODULES

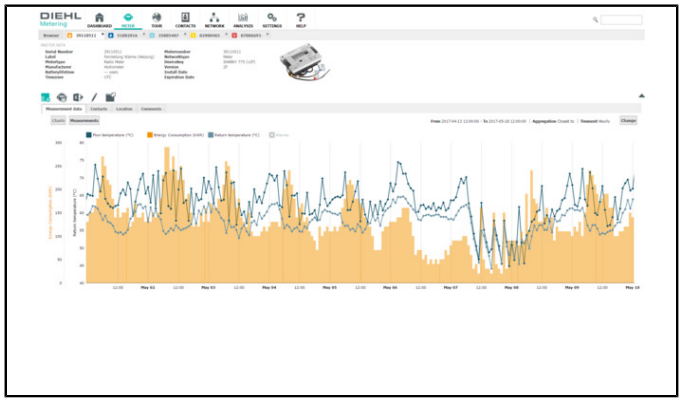
	IZAR PLUS PORTAL
Mobile	Enables the integration of Diehl Metering's mobile application IZAR@MOBILE 2 for the organisation of Walk-by / Drive-by tours and meter replacements
Fixed	Utilize file-based FTP server import in a Fixed Network installation incl. automatized import via task scheduler
Smart Analysis	Create individual analyses for leakage reporting, virtual meters, heat network monitoring and optimisation and other media specific analysis
REST API	Exchange data based on RESTful web service interface between 3rd party software (e.g. billing/consumer management software) and IZAR PLUS Portal

Note: One of the modules Mobile or Fixed is mandatory to perform import of metering data into IZAR PLUS Portal. These modules can also be combined.

APPLICATION SCREENSHOTS

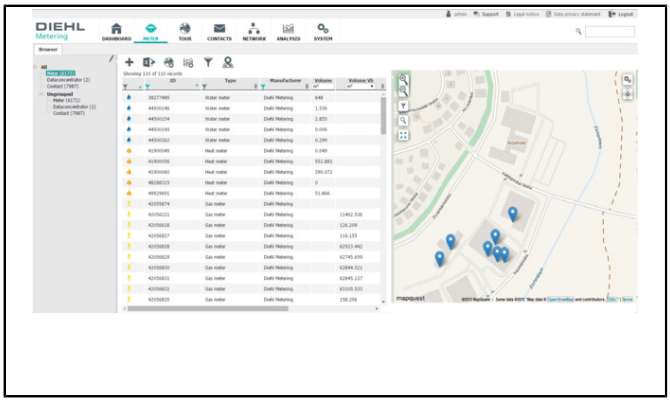


Dashboard

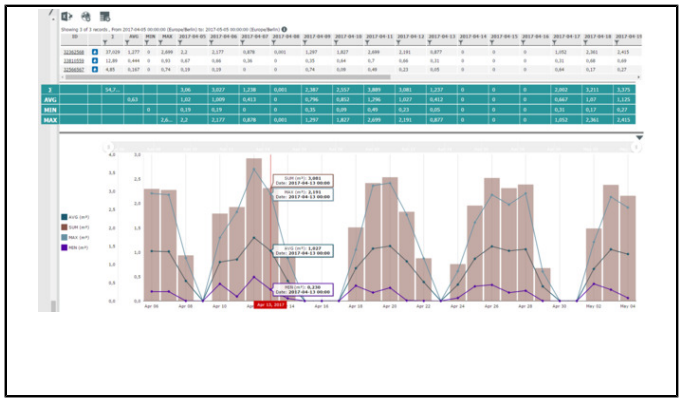


Meter details

APPLICATION SCREENSHOTS



Meter management



Analysis

Economic Actor Information

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

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