IZAR@NET

SOFTWARE

DIEHL
Metering

APPLICATION

IZAR@NET is an energy data management software, that is able to do automatic readings of M-Bus (via IZAR CENTER) and Fixed radio networks. Additionally it is possible to manage tours and data of Walk-by and Drive-by meter readings. With specific adaptions data can e.g. be automatically exported into a billing software system.

FEATURES

▶ One software for managing radio and wired M-Bus reading systems
▶ Reading and remote reading of all types of resource meters in one system (water, energy, electricity, gas meters)
▶ Modular concept: software can be adapted to individual needs
▶ Possibility of software upgrades in the field
▶ Editing and visualisation of meter data in tables and diagrams
▶ Collecting meter data for consumption, flow and status monitoring
▶ Archiving of all meter data in a powerful Oracle® SQL database
▶ Modern client-server structure: software can be used simultaneously by several persons
▶ Possibility of alarm monitoring and actions

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MORE FEATURES

	IZAR@NET
Meter replacement	Handling of manual meter replacements or replacements controlled by billing system
User interface	User friendly Windows-based user interface
Configuration possibilities	Individual table views with analysis function
Adaption possibilities	Fast access to key functions by adapting the toolbar and creating own buttons
Manual changes	Manual entry and changing of meters and meter counts
Data reduction	Wizard for data reduction (daily, weekly, monthly, yearly)
Data backup	Possibility to do data security backups

SYSTEM REQUIREMENTS

	IZAR@NET
Operating system	Microsoft Windows® (Windows 2003 Server R2 SP2, Windows XP SP2, Windows Vista Business Edition, Windows 7 Professional/Ultimate, Windows 2008 Server)
CPU	Min. 3 GHz single core; 2.6 GHz dual core; 2.5 GHz quad core
Main memory	Min. 4 GB
Hard disk space	Min. 20 GB
File system	NTFS
Screen resolution	Min. 1024 x 768
Interfaces	2 free USB connectors
Drives	DVD-ROM
Network connection	TCP/IP with static IP (no DHCP)

VERSIONS

	IZAR@NET
IZAR@NET 60	Software version for reading up to 60 measuring points
IZAR@NET 250	Software version for reading up to 250 measuring points
IZAR@NET 1000	Software version for reading up to 1000 measuring points
IZAR@NET 10000	Software version for reading up to 10000 measuring points

NOTE: Orders for an IZAR@NET version must include at least one of the following basic modules. With other basic or additional modules the software can be adapted to your individual needs.
In general, for software training and installation you need the professional support from our service team.

BASIC MODULES

	IZAR@NET
IZAR@NET MOBILE	Supports direct USB connection to a HYDRO-/IZAR POCKET device and the organisation of Walk-by / Drive-by tours for reading / management of radio meters and customer data.
IZAR@NET FIXED	Supports data download from an FTP server that was uploaded via Ethernet LAN or GPRS from a fixed installed data concentrator (IZAR RECEIVER LAN/WLAN/GPRS or M-Bus Master IZAR CENTER).
IZAR@NET M-BUS	Supports direct connection via USB, RS232, Ethernet LAN or analog/GSM modem connection to an IZAR CENTER M-Bus master. Possibility to do on demand meter readings or readout of IZAR CENTER Memory data.

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ADDITIONAL MODULES

	IZAR@NET
IZAR@NET GRAPHIC	Illustration of up to 6 meter counts in a bar or line graph diagram for consumption monitoring. 3 diagrams can be displayed in one window, also with the possibility of an online mode. There is no limit to the number of windows.
IZAR@NET ALARMS	Automatic creation of meter alarms (status alarm of the meter), visualisation on screen or transmission via SMS / email.
IZAR@NET IMPORT/EXPORT	Interface for import and export of meter and customer data e.g. from/to a billing software system (ASCII, Excel®, ODBC database connection).

NOTE: There is a standard adaption included in IZAR@NET MAPS and IZAR@NET IMPORT/EXPORT. Any specific adaptions required will be executed by our service team.
In case of specific adaptions software updates have to be executed by our service team.

The Oracle® Express Edition limit of meter data (4 GB) would be reached with the following configuration examples:
- Walk-by installation: 18,000 SHARKY heat meters or 100,000 CORONA E water meters; reading interval: once per month; data storage: 10 years
- Fixed network installation: 3,000 SHARKY heat meters or 17,000 CORONA E water meters; reading interval: once per day; data storage: 2 years
- M-Bus installation: 125 SHARKY heat meters or 700 CORONA E water meters; reading interval: every 15 minutes; data storage: 0.5 years

SCREENSHOTS

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