RMG

Product Information | RMG Software

ENERGY DATA MANAGEMENT – SOLUTIONS FOR MEASURING TECHNOLOGY

RMG provides sophisticated, market-oriented software products and services for billing preparation, technical revision support, and as metrological application for monitoring and fault clearance.

READING AND COLLECTION OF DATA

The liberalization of the energy markets presents new challenges for suppliers and operators: large volumes of data have to be processed quickly at ever shorter intervals. The central task is to exchange the consumption-dependent data between the market participants and to calculate billing according to the valid market rules as per DVGW G685. An important contribution to automated data processing is made by systems for technical revision as well as software tools for remote diagnostics and fault clearance.

Data retrieval center WICO22 - ZFA

With WICO22, RMG Messtechnik offers a sophisticated modular structured software package for remote reading, data storage and data distribution of measurement data. The data are available in recording devices, volume correctors or process gas chromatographs as archives or load profiles. If required, this archive data can be automatically distributed to partners in various data formats such as csv or MSCONS. Of course, functions for visualization or reporting of measuring data are available.

SignaturE server - SIGS

The use of public transport networks, such as the Internet, drastically increases the need for data protection measures. For the unambiguous assignment of measured data to a measuring device, DVGW specified the digital signature for the DSfG protocol. With the signature server from RMG, DSfG signed data can be clearly verified, so that the

assignment of a data set to a calibrated measuring device is maintained even after transmission of the measured data. The software tool signature server integrates seamlessly into the ZFA WICO 22 or can also be used as a stand-alone application.

Mobile Data Collection - MDE

With the mobile data acquisition MDE, energy data can also be read out and transmitted, if a remote transmission is not possible. The meter readings, system states and archive data are transferred to a laptop via a Bluetooth or cable connection. The data can be inserted into the central database of the ZFA or further processed as MS-Excel files. As a result, the measured data are quickly available for the further process steps, even in the event of a long-term failure of transmission networks.

BILLING
WICO 22, MDE, signature

- Acquisition of billing-relevant data
- Data archiving
- Security by signature
- Billing preparation

OPERATION
AKA II, GMM, GMT
Dialog software

- Remote diagnostics
- Device parameterization
- Remote revision

SERVICE
INETDATA, support

- Data acquisition
- Data delivery or provision
- Data portal

SERVICES AND UTILITIES

DatA service – INETDATA

Getting billing-relevant data from own measuring stations without operating a data retrieval center is the main focus of this service offer INETDATA. The cycles of the data retrieval, as well as the desired measurement data contents are defined by the customer on a station-individual basis. If required, even the spontaneous signaling of events is possible regardless of the defined polling cycles. To transmit the data to the customer, there are various active push methods available, such as e-mail or FTP methods or data portals. Of course, we attach great importance to the security and confidentiality of all data. Therefore, the software is operated exclusively in professional, certified data processing centers at German locations.

Remote revision with AKA-II

With AKA-II a software application for the remote revision of process gas chromatographs is available. With just a few steps you can evaluate the gas quality. The internal calibration and the external test gas analysis are triggered according to a defined schedule. The sequence and the results are visualized, archived and exported in AKA-II.

Gas Metering Terminal - GMT

Fast remote diagnostics and remote parameterisation are available with the Gas Metering Terminal software. By this software, current status information, measured values or configuration data of many different measuring devices can be displayed remotely and, in some cases, also be changed depending on the security level. In addition, functions for reading load profile and event archives are available. The software is therefore an indispensable tool for the cost-effective operation of the measuring systems - without long journeys to the measuring stations - and fast remote diagnostics.

Gas Metering Monitor – GMM

The Gas Metering Monitor module provides real-time data with measuring data and the status of the station. The graphical and tabular views are not bound to individual measuring devices, resulting in a quick overview for the user over one or several measuring stations. The functions for billing of individual measured values allow, for example, comparisons of data volumes of individual measuring lines or deviations from gas qualities of different stations. In addition to individually configurable views, the system is suitable as a data hub. The signals, which are read by the system in a short-cycle, can be further communicated in parallel in standardized data protocols to several further processing systems such as control systems, accounting systems, prognosis systems, REKO systems, NIMBUS, etc. The integration of various manufacturer-specific software systems and the filing of station documentation or device descriptions complete the modular software package.

Dialogue program

Device-specific programs for parameterization, diagnostics and data readout are available for the devices of RMG Messtechnik GmbH.

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ONE STEP AHEAD

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