



+ PSIrwin

# Revision, calibration, and testing of gas measurement equipment

The unique and fully integrated software solution for the energy market

## The System

For many years, the PSIrwin system is has been a proven tool for revision and calibration of gas measurement equipment. The support of all common measurement instruments and test tools on site combined with central management and analysis are the key characteristics of this widely used system. The calculation rules required for all test and calibration procedures which are supported by PSIrwin are already fully integrated. Revision reports and calibration logs are automatically generated and immediately available to partners as printouts or PDF files.

### Application

Frequently checking the accuracy of all billing-relevant measurement equipment is an important step to minimize measurement errors and the associated economic risk.

### Functionality

The availability of all required instrument and plant data “on-site” as well as efficient test procedures and analyses enable the user to provide qualified assessments quickly. Test results, counter readings, and master data are acquired locally yet are available instantly throughout the system after “publication”. The PSIrwin system is increasingly becoming the central hub for billing-relevant data. We support this development by sophisticated interface concepts for standard applications for equipment management and energy data management.

### Your benefits

The active PSIrwin user group and close cooperation with testing laboratories and government calibration authorities ensure that our revision system meets your functionality and quality requirements.

Interfaces to external systems such as SAP help you to maintain consistent data and support all processes related to measurement data acquisition and correction.

PSI 

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### The system concept

PSIrwin is a distributed application. Data and functions are available centrally or on a notebook in the station as needed. A synchronization procedure ensures the consistency of the stored data. Additional tools support the configuration and operation of the system.

### Our service

Our software service contract ensures not only fast support in emergencies but is also an investment in the next system enhancement. Of course, individual user training and support during system roll-out are available. The delivery of the new program version of PSIrwin has already begun. We would be happy to provide you with detailed information.



## Wide-ranging customer benefits

- + Protection of investment for plant operators and their customers. All copy and licensing rights are fully owned by the software manufacturer PSI.
- + Proprietary solutions can be easily and efficiently replaced by a cost-efficient modular “standard system” which has been proven for decades.
- + Complete roll-out and replacement of the legacy system in only a few days.
- + Comprehensive application service (support beyond the standard hotline) as well as system enhancements are available.
- + Standardized PSIrwin reports and test logs which are validated based on calibration regulations replace the expensive creation and maintenance of customer-specific reports and analyses.
- + Official validation and testing by the Calibration Office of Saxony (Government Office for Measurement and Calibration) ensure compliance with the German measurement and calibration law (“Mess- und Eichgesetz”).
- + Simple configuration based on parameter-controlled interfaces.
- + Automated system-technical exchange between users.
- + Continuous enhancement of the system provides up-to-date information based on the latest calibration regulations to the measurement equipment operators.
- + Easily expandable to other industries.

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