ISSplus OPTIMIZING CONTROL AND MONITORING OF METERING INSTALLATIONS
Total Solution for Gas & Liquid Metering

Honeywell’s ISS™ software provides a total solution for gas and liquid metering, including stations from a single stream up to 100 streams, control systems for high-pressure calibration facilities and remote metering applications.

**ISS™ Delivers**
- Advanced technologies for demanding metering requirements
- Proven industry domain expertise
- Flexible configurations for any size installation
- ISS™ Supervisory Software

**Proven Technology. Superior Performance.**
Honeywell’s ISS™ measurement and control system for metering installations combines more than 20 years of experience in automation of bulk gas control and monitoring with the latest technologies. It can consist of a single supervisory computer or redundant configurations with or without client stations. This solution fully integrates Honeywell’s Elster products, providing synergy with the Meascon™ Condition-based Monitoring (CBM) system. ISS™ brings unique advantages to gas operations:
- Secure automated control and monitoring of critical metering functions
- Advanced redundancy and data synchronization features for the highest availability
- Superior calculation, data processing, reporting, trending and communication capabilities

**Rundandant System Configurations**
A redundant supervisory system is often required for high availability. With the ISS™ solution, both supervisory computers will have their own SQL server for data. This data is synchronized between both the duty and backup server to ensure it is identical. The duty supervisory computer communicates with all devices and distributes the readings to the connected backup server, which performs a background communication check only. For situations where multiple operator terminals are required, a true redundant client server system is offered. Client stations allow process graphics to be visible on the company network, and are available in two variants: view only (view station) and full operation (operator station).

**Flexible Reporting & Billing**
ISS™ will process data from flow computers with utmost precision—ensuring data processing without rounding errors. The values are stored in a SQL database. Standard systems include daily and monthly production reports, but any report can be made available. The daily report, for example, includes hourly and daily production values in tabular format. Reports can be automatically printed and are also stored on disk. In addition, users of the ISS™ solution can do reporting with a third-party reporting tool, allowing maximum flexibility in report generation. On top of that, there is a possibility to store data in external databases or export the data/reports in Excel or PDF format for further processing.

**Robust Diagnostics**
The robust performance monitoring features of ISS™ were developed in close cooperation with design specialists for Honeywell’s Elster group products such as the Q.Sonic ultrasonic meter, Encal 3000 gas chromatograph and enCore FC1 flow computer. The software continuously monitors process conditions and validates metering system performance. It will signal if metering equipment has drifted and requires maintenance or recalibration.

**Powerful CBM Capabilities**
Honeywell’s CBM system, Meascon, fully integrates Honeywell’s Elster products to take performance to the next level. Meascon enables gas operators to implement effective preventive maintenance strategies and minimize instrument calibration requirements to reduce their operating expenses (OPEX). The system allows for easy health monitoring of a complete metering system and, in particular, ultrasonic gas flow meters from Honeywell. Users can achieve reliability, long-term measurement accuracy and minimum uncertainty while keeping maintenance costs as low as possible. Powerful CBM capabilities detect any significant change either in the flow meter itself, or the process and environment in which it is operating, so operators can take appropriate action.
Honeywell ISSplus Software is Recognized for Unsurpassed Flexibility and Ease of Use

For more information
To learn more about Honeywell’s ISSplus software, visit www.honeywellprocess.com or contact your Honeywell account manager.

Minimum System Requirements:
• OS: Microsoft Windows 7 (32-bit)
• Program: Microsoft Excel 2010
• Processor: 2.8 GHz i5
• Memory: 1 GB

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