Measurement IQ for Gas
Contents

Connected Thinking: Transform Your Metering Operations

Think of The Possibilities


Every Time, Everywhere, All The Latest Information

Connecting Plant, People And Assets

Predictive Maintenance

Connecting Makes The Difference

Your Connected Partner
Connected Thinking: Transform Your Metering Operations

The little things matter. In gas metering, little errors can quickly become big problems. Look at the impact on the bottom line of a 0.5% error in accuracy over a year.

<table>
<thead>
<tr>
<th>Meter capacity</th>
<th>Cost of 0.5% error per year</th>
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</thead>
<tbody>
<tr>
<td>4” @ 60% capacity, 20 bar</td>
<td>~$50 000</td>
</tr>
<tr>
<td>8” @ 30% capacity, 30 bar</td>
<td>~$160 000</td>
</tr>
<tr>
<td>16” @ 50% capacity, 50 bar</td>
<td>~$1 600 000</td>
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Your metering matters. But how do you take care of it when you’ve got:

- Multiple, remote, dispersed metering stations?
- Experienced maintenance and operations staff retiring?
- A broader hydrocarbon mix, more pipelines and dirty gas?

How can you see everything without being everywhere?
Think of The Possibilities

Think global, not local.

- What if you had real-time visibility of all your metering assets across sites – all from a single location or even on the move?

- What if you could convert data into actionable intelligence with at-a-glance dashboards for operations, maintenance and enterprise-level users?

- What if you could collaborate easily and access expertise from across the enterprise to solve metering problems?

Connect your metering operation with Honeywell’s Measurement IQ for Gas and you can.

With a connected solution, enterprises can leverage the power of connected to unleash the potential of their metering operation.

Monitor the operation with real-time data and alerts when key parameters are outside normal limits. View and share data to diagnose problems before engineers get to the equipment.

Manage the operation, connecting management and maintenance with consistent data and insights for smarter decisions. Track historical data to see when and why issues occurred.

Maximize efficiency and uptime with more effective maintenance strategies. Maintain Certified Performance against the last wet calibration.
Every Time, Everywhere, All The Latest Information

With a simple edge device and best-in-class industrial cyber security, Measurement IQ can connect all your metering assets to Honeywell’s datacentre. With unlimited processing power and scalability, it can then deliver powerful visualizations and analytics to any Internet-enabled computer or smart device.

With Measurement IQ’s intuitive diagnostic dashboard, users across the enterprise gain at-a-glance understanding of metering equipment health and can rapidly drill down for details of individual meters with their secondary measurements. See what engineers see on the metering station from the top floor – thousands of miles away.
Connecting Process, People And Assets

Measurement IQ connects your business. Break down barriers and connect across continents to get faster, more effective solutions to metering issues:

- Monitor dispersed metering stations remotely
- Work with your data anywhere on anything with a web browser
- Share and collaborate with staff and Honeywell experts across the globe
- Use the Honeywell Experion App for customized real-time plant notifications direct to users’ smart phones.
- Choose the Total Care Services package to have Honeywell manage your metering maintenance with continuous remote monitoring and guaranteed service levels for your metering stations.

From operations to HQ, Measurement IQ gets data to where it’s needed for better decisions.
Traditional maintenance strategies for gas metering fail the efficiency test:

- Time-based regimes, with meters calibrated at specified intervals can fail to address errors developing in between scheduled maintenance.
- Risk-based maintenance, which still sees meter calibration occur even when it’s not needed.

Measurement IQ can help you develop true condition based maintenance. Powerful predictive analytics draw on diagnostic information to detect changes in flow meters, the process or operating environment to detect performance deterioration or forthcoming equipment failure.

Get maintenance when it’s meaningful to transform the operation.
Connecting Makes The Difference

With a connected solution, you can create a better metering operation, to bring a real benefit to the bottom line, boosting reliability, efficiency and safety.

Making a difference with Measurement IQ for Gas.

Detect and diagnose measurements or process issues quicker with collaboration across the enterprise and data where it’s needed.

Increase measurement certainty with more effective maintenance and quicker detection of measurement errors.

Prevent downtime through alerts to the right people when key limits are breached.

Increase operational efficiency with extended calibration periods supported by meter audit trails, and boost safety and maintenance efficiency with far fewer engineering site visits.
Honeywell is the expert in connected plant solutions, turning the Industrial Internet of Things from buzzword into business-ready solutions. Our connected services, devices and software help industrial facilities worldwide eliminate unplanned downtime, maximize output, minimize safety risk and optimize supply chain strategies.

Speak to us to discover the Honeywell difference:

• More than a decade of industrial cyber security solutions experience
• IIoT-ready services such as remote monitoring and Total Care packages for complete peace of mind
• Worldwide Honeywell expertise in both IT and operations.

Connect with us, and we’ll help you transform your enterprise.