



# Application Case Study

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Product	<b>805PT Pressure Transmitter</b>
Industry	<b>Oil &amp; Gas</b>
Application	<b>Low Pressure Monitoring - Gas Utility</b>

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## The Problem

For a Midwest public gas utility, continuous pressure measurement is a critical part of their distribution channel. From gas plant to commercial or residential service, having a reliable pressure transmitter is essential to document natural gas pressures before and after passing through in-line regulators. These recorded pressures are then sent every 15 minutes to a central location for 24/7 monitoring. Low pressure reading could indicate a leak which might lead to loss of service, lost revenue, environmental problems, or other potentially dangerous situations. This is why government regulations require them to verify calibration of these instruments every six months.

Yet meeting all of these requirements, while staying within shrinking budgets, has been difficult. So management finally decided they needed a lower cost solution without sacrificing any of the necessary features or dependability they were accustomed to. They finally found it with the 805PT pressure transmitter from SOR®.

## The Solution

The 805PT is both cost-effective and reliable. Its design is both hermetically sealed and explosion proof and the built in conduit seal provides a system that keeps gasses from escaping even if the pressure sensor were to be damaged. In addition, the optional calibration kit gives them the ability to record calibration values as they were found and as they were left to comply with government regulations.

## The Results

In this case, SOR was also able to go one step further by modifying the standard calibration kit to accommodate longer leads so that the operators can work out of their vehicle rather than standing out in the elements. For the technicians who experience many different weather extremes, this benefit was huge.

Now that's value.

