

# Fisher® Wireless Automated Valves Simplify Installation

## RESULTS

- Reduced expected installation cost from \$65,000 to \$24,000 USD
- Installation time was shortened by eight days
- Increased scrubber operations reliability



## APPLICATION

Inlet scrubber operations in natural gas processing

## CUSTOMER

A midstream energy company near Carthage, Texas, USA

## CHALLENGE

As natural gas flows through a pipeline, it produces a large amount of condensate that needs to be handled on a daily basis. To accommodate this process, automatic dump valves and liquid level indicators are required. However, due to their distant location at this plant, wiring costs from the pipeline to the plant control system were expected to exceed \$65,000 USD.

## SOLUTION

Fisher 4320 wireless position monitors were used to avoid the cost of installing additional wires and electrical conduits. Two people took three days to complete the installation. By implementing the wireless devices, the company is no longer restrained by the number of controller channels capable of being installed.

The Fisher 4320 wireless position monitor is cost-effective, quick to install, and easy to monitor and change settings through the AMS Suite: Intelligent Device Manager and wireless configurator.

## RESULT

By reducing wiring costs, electrical work, and eliminating input/output channels, the total implementation cost savings was \$41,000 USD. This installation has improved the reliability of the plant's scrubber operations.

Since the Fisher wireless automated valves were successful, additional units have been added, giving the plant access to locations unreachable through traditional wiring methods.

*System start-up time was significantly reduced with the implementation of Fisher wireless automated valves.*



**RESOURCES**

Click or scan the QR codes for more information about the Fisher 4320 wireless position monitor.

**Brochure: Fisher 4320: Automate Your Valves Without Wires**  
<http://www.documentation.emersonprocess.com/groups/public/documents/brochures/d351612x012.pdf>



**Proven Results Flyer: Emerson's Smart Wireless Technology Saves Plant € 160,000 Euros in Downtime and Maintenance**  
<http://www.documentation.emersonprocess.com/groups/public/documents/qbr/d352095x012.pdf>



 <http://www.Facebook.com/FisherValves>

 <http://www.YouTube.com/user/FisherControlValve>

 <http://www.Twitter.com/FisherValves>

 <http://www.Linkedin.com/groups/Fisher-3941826>

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