

Need more data for asset management & process improvements? Look in your own back yard..

Subtitle if applicable

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SUBMISSION TYPE

30 minute presentation

6-12 page paper plus 30-minute presentation

3 foot wide x 4 foot high large format poster

KEYWORDS

Asset management, optimization, legacy instruments, HART, smart instrumentation

ABSTRACT

Put 200-300 word abstract here.

Asset management is at the heart of any optimized process. It is used in varying degrees across all process industries, including water treatment. The common benefits of employing an asset management strategy are often focused on prolonging asset life, minimizing down time, and process improvement. The EPA sees additional benefits such as meeting consumer demands with a focus on system sustainability, setting rates based on sound operational and financial planning, and better budgeting focused on activities critical to sustained performance. In order to achieve these benefits though, you need access to data. In many cases, this data could be right under your nose.

The Effective Utility Management Leadership Group also recognizes the importance of an asset management strategy and calls specific attention to Infrastructure Strategy and Performance. This presentation will examine strategies for unlocking and consuming data that may already be available from the devices or instruments that are already in use. There are a few relevant protocols to explore. HART has the largest install base with the lowest utilization rate. Manufacturers of HART instruments take liberties with the protocol and provide their customers with a vast amount of additional data and capability outside of a single process measurement. Serial devices also suffer from being stranded when it comes to remote management.

We will look at how to provide greater access to process and instrument data to improve process efficiencies and asset management. In some of these cases, it is also possible to improve energy efficiency. The ideas being presented will be applicable to existing installations as well as new projects.

ABOUT THE AUTHORS

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