

Please find hereunder the abstract received from Emerson Process Management for the ISA Control Valve Symposium.

Best regards,
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Following the abstract of our presentation:

**Digital Valve Controllers benefits (performance & Diagnostic)
And wireless technology/application.**

Digital communication and diagnostic capabilities on control, on-off and emergency shut down valves changed the way to manage all industrial processes and are a significant component to increase quality, throughput, availability and Safety while in the same time reduce operation & maintenance, energy and waste & rework costs.



Control valves represent much of the maintenance requirement on a plant and are blamed for a significant proportion of unscheduled downtime, so the valve performance diagnostic and alerts offered by Fisher instruments (Digital Valve Controller) are seen as a major step forward.

Over the years increasing capability has built into the Fisher device. Indeed the diagnostic capabilities of the latest version of the FIELDVUE DVC series, are such that Emerson claim that plants can operate better and longer between maintenance shutdown. It's also offered with the option of Emerson THUM adaptor, enabling an asset management engineer to communicate with the instrument over WirelessHART, independently of the main control system.

Unnecessary removals

Industry watchers estimate that 75% of the removals of control valves from service for maintenance are unnecessary.

Enabling remote diagnostic via Emerson's AMS ValveLink software allows a better informed decision as to whether a valve needs servicing. And the benefits aren't confined to Emerson systems. As well as being used stand alone in Hart, Wireless HART or FF systems.