

Armstrong's New 'Pump Manager' extends Performance Management Service Solutions

Online Service Provides Sustained Performance, Enhanced Reliability

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Toronto, January 30, 2017 – As a key component of its recently announced 'next level of innovation in pumping solutions for enhanced building performance management', Armstrong Fluid Technology has introduced **Pump Manager**.

Pump Manager is a web-based service that leverages the embedded intelligence and connectivity available through its technologically advanced new line of Design Envelope pumps to provide sustained performance and significantly enhanced reliability.

Delivered as a highly secure, cloud-based application, key features of Pump Manager include:

- · Real-time alerts and warnings operators have immediate knowledge of challenges such as deadheading, cavitation, a broken coupling and excessive vibration. The base alerts include pumps operating 'in-hand' and excessive run-hours which can significantly impact energy consumption and availability.
- · Online trending and analysis across multiple parameters on single pumps or an aggregated basis for multiple pumps. The trends will assist in identifying performance degradation and will provide early indication of potential maintenance requirements, allowing customers to move to a predictive and proactive approach.
- · Reports and summaries that provide a simple and intuitive view of pump performance and key trends.

Customers who subscribe to the Pump Manager service will also have access to a number of value-added elements including discounted spare parts, quarterly webinars highlighting best practices and other timely topics, as well as participation in a hosted community of Design Envelope pump users.



"With the introduction of our new Design Envelope offerings and Cloud-based Performance Management Service Solutions we are driving the next level of evolution in the marketplace by bringing together the elements of information and intelligence to provide context and insight in real-time," said Lex van der Weerd, Armstrong CEO. "With Pump Manager, customers can make informed decisions in real-time that improve energy and financial performance while ensuring the ongoing comfort and productivity of their tenants."

About Armstrong Fluid Technology

With over 1000 employees worldwide, operating seven manufacturing facilities on three continents, Armstrong Fluid Technology is known around the world as a forerunner and innovator in the design, engineering and manufacturing of intelligent fluid flow equipment. With its expertise in fluid dynamics, heat transfer, variable speed, and demand-based control, Armstrong Fluid Technology leads the fluid systems industry, including HVAC, plumbing, and fire safety in providing the most energy efficient and cost effective solutions to building professionals and owners around the globe.