



## Metso Expands on ANSYS Simulation Software to Drive Product Development

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PITTSBURGH, Feb. 27, 2017 /PRNewswire/ -- [Metso](#), will develop the next generation of its flow control equipment faster and more economically thanks to a new agreement with [ANSYS](#) (NASDAQ: ANSS), expanding its access to engineering simulation software and services.

image

Simulation is becoming more pervasive and is being adopted across the entire product lifecycle. ANSYS simulation enables Metso to move beyond creating complete digital prototypes and expand the boundaries of simulation upfront in the development process into digital exploration. This agreement gives Metso access to ANSYS' multiphysics simulation platform to design and develop a range of products serving the oil and gas, pulp and paper and process industries. Metso will also have flexible license access and expert services to enable unrestricted collaboration to digitally model, simulate and test its innovative products.

Early design decisions lock in close to 80 percent of a product's development costs. With ANSYS' digital exploration capabilities, Metso can test hundreds of possible concepts early in the design phase and quickly assess a number of product performance requirements. Metso designers and product engineers can also identify optimal combinations while eliminating outlying designs to develop solutions that improve safety, minimize downtime and ensure trouble-free operation of customers' processes – saving time and money.

"For more than 90 years, we have been providing superior valves to our customers in oil and gas, pulp and paper, refining and chemical industries. Our customers benefit from simulation through increased performance, safety and reliability of our products," said Jukka Borgman, director of technology development, Metso. "By using simulation early in the design process, we can design and test iterations in hours, instead of days or weeks. This is a huge benefit to our product development, enabling us to cut down the number of laboratory tests, while increasing performance, safety and reliability without compromising on product quality or impacting our bottom line."

"Metso is widely recognized for its product quality and advanced flow control technologies. They are responsible for developing some of the most efficient and effective flow control, mining and aggregate products in the world," said Rob Harwood, global industry director, ANSYS. "These complex machines demonstrate how engineering simulation is at the very heart of the design of the next generation of industrial products. We are confident our simulation platform will further enhance Metso's product performance and their development processes by supporting complete digital prototyping and enabling them to do even more digital exploration upfront in the design process."

### About ANSYS, Inc.

If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge, or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in engineering simulation. We help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, ANSYS employs thousands of professionals, many of whom are expert M.S. and Ph.D.-level engineers in finite element analysis, computational fluid dynamics, electronics, semiconductors, embedded software and design optimization. Headquartered south of Pittsburgh, Pennsylvania, U.S.A., ANSYS has more than 75 strategic sales locations throughout the world with a network of channel partners in 40+ countries. Visit [www.ansys.com](http://www.ansys.com) for more information.

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