Press

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Siemens extends industry leading Simcenter simulation and test offering with acquisition of noise, vibration and harshness business from Saab Medav

- **Asset deal strengthens Siemens' Simcenter portfolio with a range of innovative and highly configurable solutions for end-of-line noise, vibration, and harshness (NVH) quality testing**
- **Quality testing results from Saab Medav systems will provide valuable input to the product digital twin, supporting continuous product improvement and development**
- **Saab Medav's NVH team and technology complement the Simcenter test portfolio to enable customers to systematically improve overall product and manufacturing quality**

Siemens announced today that it has signed an agreement to acquire the Noise, Vibration, and Harshness (NVH) end-of-line quality testing business of Saab Medav Technologies GmbH, a global provider of state of the art signal processing, communications intelligence and analysis for air, land and naval applications, as well as NVH solutions for industrial quality testing.

The unique NVH quality testing solutions offered by Saab Medav have a strong track record and have established innovative best practices in the domain of end-of-line quality testing of combustion engines, transmissions, electric motors and motor driven components and systems. The addition of Saab Medav NVH allows Siemens to complement its Simcenter™ portfolio of testing solutions used in research and development with an integrated solution set for end-of-line NVH quality testing in

manufacturing. The technology and team will join the Siemens PLM Software business, part of the Siemens Digital Factory Division, and will be incorporated into the Simcenter portfolio of simulation and testing solutions.

With ever-increasing pressure on improving quality, the need for NVH type end-of-line testing for manufactured products such as electric motors, combustion engines, transmissions, axles, and turbo chargers is rapidly increasing across the automotive and transportation industries. This phenomenon is accelerated with the ascent of electric vehicles which have a low general noise level and are lacking the masking effect from a loud combustion engine.

“With the integration of Saab Medav NVH quality testing solutions, Siemens customers can gain the ability to enrich the digital twin of their product design with continuous quality control information from manufacturing. This provides unique insight in how production technology and variability in manufacturing lines influence the final product quality,” explains Jan Leuridan, Senior Vice President, Simulation & Test Solutions, Siemens PLM Software. “The technology also gives direct feedback on the root cause analysis of possible design issues that appear in manufacturing and generates insight for possible intermediate redesigns. Creating a constant data feedback loop from manufacturing into product design and engineering also supports closing the loop on optimized requirements for future generation product designs.”

“Siemens is one of the market and technology leaders when it comes to NVH test-based engineering and simulation. The combination of the Siemens test-based engineering technologies with the end-of-line technology of Saab Medav will provide a strong basis for future innovation in both application areas,” said Olaf Strama, Head of NVH department at Saab Medav. “We believe that as part of Siemens, our customers will benefit from an industry-leading development team of NVH testing technology and solutions, including an extensive portfolio of systems and software for data acquisition and smart data analytics. The global reach of Siemens can

serve our customers in all key manufacturing areas worldwide, which will help us to strengthen our overall market position."

The asset sale and purchase transaction is due for completion in the second calendar quarter of 2019. The parties have agreed not to disclose any details of the transaction.

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Siemens PLM Software, a business unit of the Siemens Digital Factory Division, is a leading global provider of software solutions to drive the digital transformation of industry, creating new opportunities for manufacturers to realize innovation. With headquarters in Plano, Texas, and over 140,000 customers worldwide, Siemens PLM Software works with companies of all sizes to transform the way ideas come to life, the way products are realized, and the way products and assets in operation are used and understood. For more information on Siemens PLM Software products and services, visit www.siemens.com/plm

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2018, which ended on September 30, 2018, Siemens generated revenue of €83.0 billion and net income of €6.1 billion. At the end of September 2018, the company had around 379,000 employees worldwide. Further information is available on the Internet at www.siemens.com