



Finding the Best Design: Exa and ESTECO Partnership Improves Product Energy Efficiency

Trieste (Italy), 9th May 2014 – **ESTECO SpA**, a leading provider of **numerical optimization solutions**, announced that it has partnered with **Exa® Corporation** (NASDAQ:EXA), a global innovator of fluid simulation solutions for product engineering, to **integrate their products** and offer a seamless solution for simulation-driven design space exploration and optimization.

Given that **product energy efficiency** is becoming one of the **main market drivers** requested by customers and industry regulators, engineers are facing the challenge of finding **areas of improvement** and achieving **demanding efficiency goals**. This means that every potential design change and its performance impact can represent another opportunity for improvement; hence it should be analyzed. The integration between **ESTECO's modeFRONTIER** and **Exa's PowerFLOW** allows manufacturing companies to **leverage fully-accurate simulation and advanced algorithms** to automatically find optimal combinations for **maximum efficiency improvement**.

“As industry eliminates physical prototyping and moves to a digital design process, companies face the issue that it is simply impossible to **manually evaluate** the impact of changing a large number of design parameters on performance objectives,” remarked **Exa's Dr. Ales Alajbegovic**, Vice President of Ground Transportation Applications. “The combination of parameters that yields optimum performance is usually non-intuitive. We are thrilled to partner with ESTECO to deliver **world class solutions** and help identify such combinations and to **evaluate design tradeoffs**. The integration node connecting Exa PowerFLOW® with modeFRONTIER, will provide engineers an **easy-to-use solution to find the best design**.”

“Connecting the modeFRONTIER platform with Exa's PowerFLOW is a **logical step** for ESTECO as it will offer our joint customers **seamless integration** with Exa's highly validated simulation software,” stated Chiara Viani, ESTECO SpA Head of Marketing and Sales. “This partnership will provide today's product design engineers with an **efficient simulation process**, state-of-the-art accurate airflow predictions, **reduced development costs**, and fewer prototypes.”

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About ESTECO SpA

ESTECO is a pioneer in numerical optimization solutions, specialized in the research and development of engineering software for all stages of the simulation-driven design process. Perfecting engineering and reducing complexity in the design process is our vision. Founded in 1999, the company is headquartered in Area Science Park in Trieste (Italy) and currently employs 40 professionals and serves more than 250 international clients including BMW, Daimler, Ferrari, FIAT, Ford Motor Company, Honda, Mazda, Toyota. modeFRONTIER, the company's key product, is a multidisciplinary and multiobjective optimization platform capable of streamlining the engineering process through innovative algorithms and integration with leading simulation software.

In numerous industries, modeFRONTIER has become essential to increasing the understanding of cost/performance factors and reducing product development time. www.esteco.com

About Exa Corporation

Exa Corporation develops, sells and supports simulation software and services to enhance product performance, reduce product development costs and improve the efficiency of design and engineering processes. Our simulation solutions enable our customers to gain crucial insights about design performance early in the design cycle, thus reducing the likelihood of expensive redesigns and late-stage engineering changes. As a result, our customers realize significant cost savings and fundamental improvements in their engineering development process. Our products include, PowerFLOW®, PowerDELTA®with PowerCLAY®, PowerVIZ®, PowerSPECTRUM®, PowerACOUSTICS®, PowerINSIGHT®, PowerCOOL® and PowerTHERM® along with professional engineering consulting services. A partial customer list includes: AGCO, BMW, Ford, Hyundai, Jaguar Land Rover, Kenworth, MAN, Nissan, Peterbilt, Renault, Scania, Toyota, Volkswagen, and Volvo Trucks.

Founded in 1991, the company is headquartered at 55 Network Drive, Burlington, MA, USA 01803. Tel: 1.781.564.0200; Fax: 1.781.564.0299; Email: info@exa.com; URL: www.exa.com; NASDAQ:EXA

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Source: ESTECO