



ANSYS Closes Acquisition of Reaction Design

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PITTSBURGH and SAN DIEGO, Jan. 3, 2014 (GLOBE NEWSWIRE) -- ANSYS (Nasdaq:ANSS), a global leader and innovator of engineering simulation software, announced today that it has completed the acquisition of Reaction Design, a leading developer of chemistry simulation software. The Company will provide further details regarding the transaction and its impact on the 2014 financial outlook at the time of its 2013 year-end earnings announcement.

Headquartered in San Diego, Reaction Design has about 25 employees and more than 400 customers around the world. Its flagship product, CHEMKIN-PRO, is the gold standard for modeling and simulating gas-phase and surface chemistry.

The combination of ANSYS' proven computational fluid dynamics (CFD) solutions with Reaction Design's industry-leading chemistry solvers will provide the best-in-class combustion simulation tools available on the market. Understanding and predicting the effects of chemistry in a combustion system is critical to developing competitive products in transportation, energy and materials processing applications. Relying on experimental testing alone for accurate performance validation is inadequate, given today's complex designs and shortened design cycles. Effective simulation of the underlying detailed chemistry is critical to advancements in engine and fuel technology. Reaction Design's solutions enable transportation manufacturers and energy companies to rapidly achieve their clean technology goals by automating the analysis of chemical processes via computer simulation and modeling solutions. The acquisition of Reaction Design complements ANSYS' offering for the simulation of internal combustion engines, leading to improved fuel efficiency.

To learn more about ANSYS and the acquisition of Reaction Design, please visit www.ansys.com.

About Reaction Design

Reaction Design, a San Diego, California-based software supplier, enables transportation manufacturers and energy companies to rapidly achieve their clean technology goals by automating the analysis of chemical processes via computer simulation and modeling solutions.

Reaction Design is the exclusive developer and distributor of CHEMKIN and CHEMKIN-PRO, the gold standard for modeling gas-phase and surface chemistry that provides engineers ultra-fast access to reliable answers that save time and money in the development process. Reaction Design's FORTÉ is an advanced computational fluid dynamics (CFD) simulation package for realistic 3D modeling of fuel effects in internal combustion engines with superior time-to-solution metrics that fit in commercial development timeframes. Reaction Design's ENERGICO software brings accurate chemistry simulation to gas turbine and boiler/furnace combustion systems using automated reactor network analysis. Reaction Design also offers the CHEMKIN-CFD software module, which brings detailed kinetics modeling to other engineering applications, such as CFD packages.

Reaction Design's world-class engineers, chemists and programmers have expertise that spans multi-scale engineering from the molecule to the engine. Reaction Design serves more than 400 customers in the commercial, government and academic markets.

Reaction Design can be found online at www.reactiondesign.com.

About ANSYS, Inc.

ANSYS brings clarity and insight to customers' most complex design challenges through fast, accurate and reliable engineering simulation. Our technology enables organizations — no matter their industry — to predict with confidence that their products will thrive in the real world. Customers trust our software to help ensure product integrity and drive business success through innovation. Founded in 1970, ANSYS employs more than 2,500 professionals, many of them expert in engineering fields such as finite element analysis, computational fluid dynamics, electronics and electromagnetics, and design optimization. Headquartered south of Pittsburgh, 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 for more information.

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