



ANSYS 12.0 Launches New Era of Smart Engineering Simulation(TM)

Latest Product Release Is the Most Comprehensive Solution Available Today

SOUTHPOINTE, Pa.--(BUSINESS WIRE)--Apr. 29, 2009-- ANSYS, Inc. (NASDAQ: ANSS), a global innovator of simulation software and technologies designed to optimize product development processes, today announced the availability of ANSYS® 12.0, its engineering simulation platform and integrated technology that support Simulation Driven Product Development™. In nearly every industry, driving product development with engineering simulation has become a key strategy to develop more innovative products, to lower development and manufacturing costs, and to accelerate time to market. Forward-looking companies are now embarking on new strategies to gain more from their investment in simulation. *Smart Engineering Simulation™* from ANSYS 12.0 enables this progression by dramatically compressing design and analysis cycles, enabling parametric studies and design optimization across multiple physics, increasing the accuracy and completeness of virtual prototypes, and capturing and reusing simulation processes and data.

The most comprehensive engineering simulation solution available, the ANSYS 12.0 software suite supports fast product design and validation in a complete, highly usable virtual environment that captures complex and coupled physical phenomena — providing a high degree of confidence in product designs. ANSYS 12.0 allows engineers to access an unequalled depth and breadth of technology to compress their design processes, and to create innovative products both rapidly and cost effectively — while reducing the time and money invested in physical prototype development and testing.

“In today’s highly competitive markets and challenging economic climate, using virtual prototyping to reduce development costs and time to market is not a choice — it’s a requirement,” said Jim Cashman, president and CEO of ANSYS, Inc. “The pressures of global competition, complex customer requirements and shorter development schedules are forcing engineering organizations to rely on virtual prototyping to ‘get it right the first time’ — and launch products with a higher probability of market success.”

At the foundation of ANSYS 12.0 is the ANSYS® Workbench™ 2.0 platform, a flexible simulation environment that allows engineers to easily set up, visualize and manage simulations. The ANSYS Workbench environment captures and automates repeatable processes, providing dramatic productivity gains and enabling engineers to arrive at better designs faster. Engineers can easily investigate multiple what-if scenarios, optimize their designs across multiple physical phenomena and design for six sigma.

ANSYS 12.0 software offers unequalled technical breadth that allows customers to explore a complete range of dynamic behavior, from frequency response to large overall motion of nonlinear, flexible multibody systems. The suite encompasses a broad solver portfolio that spans a full range of functionality, from structural mechanics to fluid dynamics to thermal analysis to electromagnetics. Not only do the individual capabilities of ANSYS 12.0 represent the best in class, but they are also virtually seamless in their connectivity to one another. This connectivity enables ANSYS 12.0 software to deliver an unmatched multiphysics capability that supports the most accurate and realistic simulations of product performance in the real world — assessing compound physical effects. ANSYS 12.0 technology allows users to set up and manage coupled physics simulations with drag-and-drop ease. Together with its existing, industry-leading coupled physics technology, ANSYS 12.0 establishes a smarter approach to comprehensive multiphysics simulations.

With the introduction of the world-class fluid flow solver ANSYS® FLUENT® into the ANSYS Workbench platform, CFD practitioners can now leverage a parametric and persistent modeling environment and gain access to key enabling technologies such as bi-directional CAD integration, advanced meshing and powerful post-processing.

A highly scalable and customizable solution, ANSYS 12.0 software allows individual customers to implement best-in-class technologies at levels appropriate for their own simulation needs. ANSYS 12.0 can be configured for advanced or professional users, deployed to a single user or enterprise, and executed on laptops or massively parallel computer clusters.

Designed for dynamic CAE collaboration, ANSYS 12.0 allows engineering teams to collaborate more efficiently on product design and development. Within a single project, several engineers can assess their designs within individual disciplines or easily coordinate multiphysics simulations. To manage the workflow of a group of engineers and a myriad of projects, ANSYS® Engineering Knowledge Manager™ (EKM) provides process and data management tools that allow engineers to easily archive, search, retrieve and report their simulation data. With release 12.0, ANSYS Workbench users can now connect directly to an installed ANSYS EKM data repository designed for enterprise or workgroup requirements, or deploy a single-user version of ANSYS EKM from ANSYS Workbench to manage simulation data on a local machine.

“ANSYS has a long history of investment in R&D, coupled with strategic technology acquisitions, to ensure that its engineering simulation capabilities lead the industry — and ANSYS 12.0 represents the fullest expression of that technology leadership,” said Cashman. “As the only simulation technology that brings together all key engineering disciplines in an integrated and flexible platform, ANSYS 12.0 is a full generation ahead of other solutions available today. This platform, which enables *Smart Engineering Simulation*, will provide a tremendous opportunity for engineers to design higher-quality, more-innovative products that are manufactured faster, and at a lower cost. For business executives and managers, it undoubtedly makes an even more compelling case for engineering simulation as a competitive strategy in the current business environment.”

About ANSYS, Inc.

ANSYS, Inc., founded in 1970, develops and globally markets engineering simulation software and technologies widely used by engineers and designers across a broad spectrum of industries. The Company focuses on the development of open and flexible solutions that enable users to analyze designs directly on the desktop, providing a common platform for fast, efficient and cost-conscious product development, from design concept to final-stage testing and validation. The Company and its global network of channel partners provide sales, support and training for customers. Headquartered in Canonsburg, Pennsylvania, U.S.A., with more than 60 strategic sales locations throughout the world, ANSYS, Inc. and its subsidiaries employ approximately 1,700 people and distribute ANSYS products through a network of channel partners in over 40 countries. Visit www.ansys.com

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