ANSYS HPC To Enable High-Fidelity Insight and Productivity for Simulation Driven Product Development

New HPC Solutions Will Deliver Expanded Engineering Simulation Value

SOUTHPOINTE, Pa., Oct 01, 2009 (BUSINESS WIRE) -- ANSYS, Inc. (NASDAQ: ANSS), a global innovator of simulation software and technologies designed to optimize product development processes, today announced plans to deliver ANSYS(HPC(TM)), a solution set that will enable customers to obtain enhanced insight and productivity through expanded use of high-performance computing (HPC) with engineering simulation. In contrast to single-point solutions that require separate licenses for each solver, the new ANSYS HPC products will provide a cross-physics parallel computing capability that supports structural, fluids, thermal and electromagnetics simulation in a single solution. Customers who need to combine multiphysics with HPC to address complex product development challenges stand to benefit from the outstanding value that the consolidated ANSYS HPC package will provide.

In addition, the new ANSYS HPC solution will encourage and facilitate the use of larger-scale parallel processing for high-fidelity simulation by making it more accessible to companies both large and small. The end result will be more detailed results and enhanced insight into product performance that cannot be obtained in any other way. The ANSYS HPC solution will be fully enabled with the upcoming ANSYS 12.1 release, and the cross-physics capability is now commercially available to customers.

"In the past, only the largest enterprises could afford a high level of parallel processing. The new ANSYS HPC solution will enable users across the spectrum to consider more detailed, accurate, and complete simulations than ever before -- yielding the kind of detailed understanding that is critical to Simulation Driven Product Development(TM)," said Jim Cashman, president and CEO of ANSYS, Inc. "By providing a single scalable HPC solution that supports the full ANSYS portfolio, we are empowering customers to solve their most challenging design problems. The new solution will have built-in flexibility so customers can use their HPC licenses wherever they have computing resources and people."

High-performance computing increases engineering productivity by accelerating simulation throughput, enabling customers to consider more design ideas and make efficient product development decisions based on enhanced understanding of performance tradeoffs. ANSYS HPC will include the flexibility and scalability to deliver this productivity across today's increasingly distributed IT infrastructure and workforce. The new solutions from ANSYS will allow customers to exploit HPC resources within a workgroup or across a distributed enterprise, using local workstations, department clusters, or enterprise servers, wherever resources and people are located, removing artificial barriers to productivity.

ANSYS HPC will build on the impressive performance gains delivered with ANSYS 12.0, launched earlier this year. "HPC is evolving rapidly and requires a constant commitment," Cashman continued. "We've achieved exciting milestones in our most recent release, including billion-cell fluids simulations, scaling to thousands of cores, and teraflop performance for structures. But we understand that this is just the beginning. Our development focus on HPC will provide our customers with future capability that we can only imagine today, using new and emerging technologies to deliver the next level of high-fidelity insight and throughput-driven productivity for engineering product development."

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 over 1,600 people and distribute ANSYS products through a network of channel partners in over 40 countries. Visit www.ansys.com for more information.

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