PRESS RELEASE

ŠKODA AUTO SELECTS SGI® ICE™ X AND SGI® UV™ 2000 HPC SYSTEMS TO ACCELERATE AUTOMOTIVE INNOVATION

CAE Engineers in ŠKODA AUTO Drives Vehicle Design and Safety Advancements with New Supercomputer Installation

FREMONT, Calif.—August 5, 2013 – SGI (NASDAQ: SGI), the trusted leader in technical computing and big data, today announced that ŠKODA AUTO a.s., one of Europe’s best known car companies and daughter company of the VW Group, the world leading manufacturer of automobiles, has selected SGI® ICE X and SGI® UV™ 2000 computing systems to augment its computer-aided engineering (CAE) system.

Being subject to the rigorous emissions standards and safety legislation that defines today’s automotive industry, the company’s R&D department requires extremely high performance and scalable computing systems to perform complex product performance and safety analysis. To meet these technical and compliance requirements, ŠKODA has selected over 2,300 processor cores SGI ICE X clustered computing system and two SGI UV 2000 shared memory supercomputers with another thousand processor cores and 8TB of memory in total.

This SGI installation will be used primarily for computational fluid dynamics analysis using ANSYS FLUENT simulation software and OpenFOAM CFD software and for crash analysis using ESI Group PAM-CRASH software. The new systems provides ŠKODA with theoretical processing power over 70 teraflops, allowing engineers to reduce processing time, improve design efficiency, quality and safety, speed up the development process and make it even more cost effective. While the majority of standardized computational tasks in the ŠKODA production workflow are running on clusters, the UV2 shared memory nodes are used especially for parts of computing workflow that demand large memory. In this manner, ŠKODA engineers have an extremely versatile and balanced IT infrastructure to handle their wide array of computing tasks.
“Product quality and safety together with advantageous pricing for our customers, is our utmost priority,” said Petr Rešl, head of Process & System Integration - Product Process. “With new SGI computing power we will be able to rapidly develop more innovative vehicles with excellent value-to-price ratios.”

ŠKODA’s new SGI ICE X cluster system and SGI UV 2000 shared memory supercomputer resources, based on the Intel® Xeon® processor E5 family, enables ŠKODA to achieve higher resolution simulation and modelling, and run their computational workflows quicker than before. SGI design features such as industry-leading density, innovative packaging, and optional warm-water cooling, benefit ŠKODA with compelling energy and management efficiency gains.

“Automotive companies are faced with increasingly demanding computing applications every day, with ever-growing amounts of data to manage and process and pressure to deliver results in record time,” said Bob Braham, Senior Vice President and Chief Marketing Officer at SGI. “Adding new systems, ŠKODA can now easily scale to meet processing requirements as they develop, while also attaining new density levels, efficiency, reliability, and manageability.”

For further information about the SGI ICE X and SGI UV 2000, visit:
http://www.sgi.com/products/servers/ice/x/
http://www.sgi.com/products/servers/uv/

About SGI
SGI, the trusted leader in high performance computing (HPC), is focused on helping customers solve their most demanding business and technology challenges by delivering technical computing, Big Data, and cloud computing solutions that accelerate time to discovery, innovation, and profitability. Visit sgi.com for more information.

Connect with SGI on Twitter (@sgi_corp), YouTube (youtube.com/sgicorp), Facebook (facebook.com/sgiglobal) and LinkedIn (linkedin.com/company/sgi).

Atomic Public Relations | Lisa Kennedy | (415) 593-1400 | sgi@atomicpr.com

© 2013 Silicon Graphics International Corp. SGI, SGI ICE, SGI UV and the SGI logo are trademarks or registered trademarks of Silicon Graphics International Corp or its subsidiaries in the United States and/or other countries. Intel and Xeon are registered trademarks of Intel Corporation. All other trademarks are property of their respective holders.