



ANSYS And GosNIIAS Partner To Increase Safety In Russian Aerospace Industry

August 27, 2013

PITTSBURGH, Aug. 27, 2013 /PRNewswire/ -- The safety of Russian aircraft will benefit from a new research partnership between ANSYS (NASDAQ: ANSS) and GosNIIAS, a Russian state scientific research institute that supports aviation systems development. With no current process in place for compliance with worldwide aerospace standards in Russia, this agreement will help fill this void and make compliance with aerospace standards more attainable for this emerging market.

(Logo: <http://photos.prnewswire.com/prnh/20130430/NE03388/LOGO>)

Integrated modular avionics (IMA) is an emerging best practice led by airframers who seek an integrated avionics architecture that unifies historically disparate applications, such as flight controls and landing gear software, to better meet worldwide safety standards. The team is developing an off-the-shelf technology called SCADE Solutions for IMA that streamlines the code generation of avionics system architectures and creates an automatic IMA configuration table. This software application provides significant time and financial savings during the overall product design process; it also enables product reliability. The wider global aerospace industry will also reap the benefits of increased competition as Russia updates its safety compliance processes.

"We are pleased to partner with ANSYS to help introduce a more concrete process for the certification of IMA-compliant systems to this industry," said Sergey Yuryevich Zheltov, general director at GosNIIAS. "ANSYS has been a long-term technology partner to GosNIIAS, and with today's increasingly complex avionics systems, we look forward to moving toward a more stable Russian aerospace industry."

"Combining ANSYS expertise in embedded technology with GosNIIAS' deep knowledge of the Russian aerospace market makes this partnership extremely valuable," said Eric Bantegnie, vice president of the embedded systems business unit at ANSYS. "It helps us tackle complex engineering challenges by providing a tool dedicated to IMA-based architectures while improving the safety and reliability of airborne systems."

About GosNIIAS

GosNIIAS - State Research Institute of Aviation Systems - is a leading scientific research center of the Russian aviation industry. Its main technologies include a full cycle of A/C avionics development: development of specifications, algorithms and software, mathematical and hardware-in-the-loop simulation and integration of A/C avionics complexes. Specialists at GosNIIAS develop solutions for ATM systems and CNS/ATM avionics as well.

Since 2003 GosNIIAS has been a coordinator of the Russian Integrated Modular Avionics Program. Founded in 1946, GosNIIAS now employs about 2,000 professionals; 20% of them are doctors and candidates of science and more than 57% are specialists with higher education with experience in wide areas of studies.

GosNIIAS is located in Russia, Moscow, Victorenko street, 7. More information on website: www.gosniias.ru

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 over 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 70 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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