

FOR IMMEDIATE RELEASE***Concepts NREC Collaborates with Sigma Technology of Moscow***

Two leading software companies to provide products interface for optimized and efficient turbomachinery designs and systems.

White River Junction, Vt., and Moscow, Russia – November 19, 2008 – Concepts NREC, a world leader in turbomachinery design and development, engineering, design/analysis software and manufacturing, today announced it has entered into a collaborative agreement with Sigma Technology, international provider of the indirect optimization method based on self-organization (IOSO) technology, to jointly develop an interface between the two companies' software products for turbomachinery applications. This interface means the combination of an advanced and well proven optimization code with an established and broad array of design and analysis turbomachinery codes will enable designers to reduce design cycle times while providing enhanced performance turbomachinery stages and systems. This development has long-reaching significance in aerospace, automotive, petro-chemical, medical and alternative energy product design fields, where increasing emphasis on energy efficiency is of paramount importance. Concepts NREC and Sigma Technology anticipate releasing the new interface before the end of the first quarter in 2009.

"Concepts NREC enthusiastically welcomes this collaboration with Sigma Technology to deliver a much-anticipated interface between our respective software products," says Dr. Colin Osborne, Chief Engineer at Concepts NREC. "We want our joint customers and others in the turbomachinery design arena to recognize that we are responding to their requests for faster design/analysis and optimization capabilities in order to introduce more quickly enhanced turbomachinery products into the market place."

"Our strong feeling is that Concepts NREC and Sigma Technology have much in common not only in Russia, but in the world market where Sigma has been rapidly expanding its presence," said Ivan Klochkov, director of marketing for Sigma Technology. "This collaboration is our best opportunity to communicate with our customers and other companies for everyone's benefit."

IOSO is a multi-disciplinary design optimization software developed by Sigma Technology that runs on Microsoft Windows and Unix/Linux operating systems. It is used to improve the performance of complex systems and technological processes and to develop new materials based on what-if scenarios for arriving at optimal parameters. The AGILE™ Engineering Design System® (AGILE) is the only commercially available turbomachinery design system that encompasses the complete engineering process: engineering, design and machining. Integrated elements of the system include preliminary design and sophisticated analysis tools, including rapid computational fluid dynamics (CFD), finite element analysis (FEA) and rotor dynamics. The system also offers specialized five-axis machining software and a smooth transfer of data to computer-aided design (CAD) packages. Interfacing IOSO with the AGILE suit of codes will allow designers of turbomachinery products to analyze and optimize their designs quickly and comprehensively, then export data for manufacturing within days rather than weeks and months and with the ability to generate and evaluate many thousands of what-if design alternatives across all technical disciplines within turbomachinery stage and system design.

About Sigma Technology

For more than 25 years Sigma Technology (formerly IOSO Technology Center) has developed and implemented highly efficient methods of improving complex technical systems. The company started by assuming that the existence of mathematical models (no matter how complete and accurate they are) and engineering applications (no matter how powerful they are) is not enough for the successful design and modification of modern engineering systems. To create competitive alternatives, it is required to integrate either mathematical models, actual prototypes or engineering applications with the engineering exploration methods inside a unified "optimization environment." Sigma Technology calls this

environment “optimization technology” and has developed the unique technology of nonlinear multidimensional optimization—IOSO technology (Indirect Optimization on the basis of Self-Organization). Sigma Technology is located at Elektrozavodskaya St., 20, Moscow, 107023, RUSSIA. Telephone: +7 (495) 788-1060. For more information, go to: <http://www.iosotech.com/index.htm>.

About Concepts NREC

Concepts NREC is a leading worldwide turbomachinery design, engineering and development organization as well as a provider of turbomachinery design/ analysis software and education, with a staff of over 100 professionals at its facilities in Wilder, VT, and Woburn, MA, as well as representation worldwide. For over a half century, Concepts NREC has provided manufacturers, users, government agencies and the engineering community with technology tools, services and products that have met their needs, helped achieve their goals and aided to develop and produce some of the world’s most advanced turbomachinery products. Concepts NREC is headquartered at 217 Billings Farm Road, White River Junction, VT 05001-9486. Telephone: 802-296-2321. Facsimile: 802-296-2325. For more information, go to: www.ConceptsNREC.com.

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Keywords: turbomachinery, gas turbines, CAD, CAM, CAE, engineering services, optimization, software, IOSO