

PRESS RELEASE

SIGMA TECHNOLOGY TO RELEASE NEW VERSION OF IOSO

Multi-objective optimization software IOSO 2.0 is released

Moscow, Russia – October 12, 2009 - Sigma Technology, international provider of the high efficient IOSO optimization technology, today announced it has released IOSO 2.0 cutting edge design optimization software.

MAIN NEW FEATURES AND IMPROVEMENTS OF IOSO 2.0

- IOSO PM - unique parallel algorithm of optimization is now available
- IOSO now supports parallel calculations on Windows HPC clusters
- Direct integration with Concepts NREC TurbooptII¹ software is now available
- Direct integration with SolidWorks 2009² is now available
- Enumeration type parameters are now supported
- New types of postprocessing tools (graphs and others) are now available
- New types of built-in functions (like Abs, Min, Max) enhancing possibilities of Synthetic parameters are now available
- New integration examples with FlowVision³ CFD software are now included
- Procedures of project settings and the forms of result tables were sufficiently improved
- Feature of saving of all result files of different applications for Pareto-optimal points is available

IOSO is 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.

About Sigma Technology

For more than 25 years Sigma Technology 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).

¹ TurboOPT II is a trademark of Concepts ETI, Inc.

² SolidWorks 2009 is a trademark of Dassault Systèmes SolidWorks Corp.

³ FlowVision is a trademark of Capvidia/Tesis