

Parametric possibilities of nanoCAD Pro are empowered by Bricsys LGS constraint solver

Bricsys Component Technology is used in nanoCAD Pro for parametric drawing

Moscow, Russia, and Ghent, Belgium – July 21, 2016 – Nanosoft, a leading Russian CAD developer, licensed LGS 2D constraint solver from Bricsys to implement 2D parametric drawing in nanoCAD Pro 7.

The LGS 2D & 3D component technology is led by the Bricsys Technologies Russia team, a fully owned subsidiary of Bricsys. The technology is available for integration by CAD/CAM/CAE software developers worldwide, and has been embedded in the BricsCAD software, where it is used as the base for many functions: parametric drawing, 3D direct modelling, assembly, sheet metal, and recently - BIM.

Nanosoft licensed LGS 2D from Bricsys to implement 2D geometric and dimensional constraint support in nanoCAD Pro. Being a member of Open Design Alliance, Nanosoft leveraged existing integration of LGS 2D with Teigha®, a software development platform for engineering applications, to shorten the software development cycle and guarantee 100% compatibility with .dwg file formats.

“We thoroughly analyzed several technology components for constraint solving available on the market and selected LGS 2D. It is the best possible solution for us, because LGS 2D solver implements all functions needed for nanoCAD Pro users. Beside it, they provide comfort licensing conditions, and, what is important for us, the development and technical support of LGS is done by Russian software engineers”, said Dmitry Popov, deputy director general, product management, Nanosoft.

“History-based modelling, implemented in nanoCAD Pro assumes that a parametric sketch serves a base for any 3d solid body”, commented Dmitry Ushakov, CEO of Bricsys Technologies Russia. “Thus 2D constraint solver plays an important role in this variety of parametric solid modelling. We are happy to share our many-years experience in this field with nanoCAD Pro users.”

About LGS Component Technology

Bricsys LGS 2D and 3D Constraint Solvers are state-of-the-art computational engines to help developers of engineering software implement advanced parametric functions in their applications. Users of these applications can rely on geometric and dimensional constraints, which are solved simultaneously forcing the change of geometry according to design intent.

Bricsys LGS 2D and 3D Solvers are available as binary libraries for the Windows (32- and 64-bit), Mac OS X, and Linux platforms. The C Application Programming Interface allows easy integration of LGS 2D/3D into applications written in C/C++/C#/Java and many other programming languages. Members of Open Design Alliance can license LGS 2D completely integrated with Teigha platform. For more information on the Bricsys LGS 2D/3D component technology, address your questions to sales@bricsys.com.

About Bricsys

Founded in 2002, Bricsys® is a global provider of dwg engineering design software brought to market under the BricsCAD® brand. With relentless commitment to the success of the BricsCAD community, Bricsys is focused on providing an industrial strength CAD software platform and industry leading support at a compelling price to customers in the AEC, GIS, civil engineering, process and power, and mechanical CAD markets. Bricsys is a founding member of the Open Design Alliance.

For more information about Bricsys, please visit www.bricsys.com.

About Nanosoft

Founded in 2008, Nanosoft is oriented towards innovative methods of development and distribution of engineering design software. The main goal of the company is to develop an affordable Russian CAD. Nanosoft creates conditions for mass migration from illegal usage of CAD software to legal work. The company commits to minimize the expenses spent by users on this migration.

Partner network of the company consists of more than 150 dealers specialized in sales and implementation of software products for Russian design engineers.

More detailed information:

www.nanocad.com - company website

forum.nanocad.com - user forum

developer.nanocad.com - nanoCAD developers' club