LEDAS Ltd. (www.ledas.com), an independent software provider of computational components for PLM and ERP, has released licenses LGS 2D/3D to an Italian CNC manufacturer Tecnos G.A. Srl.

Tecnos has just released and is presenting the beta version of its Masterwork CAM application from 14 to 18 May at the LIGNA+ exhibition (www.ligna.de) at Deutsche Messe in Hannover, Germany. Masterwork (illustrated by the screenshot below) integrates the LGS geometric constraints solver into a completely new project which is developed using OpenCASCADE as the basic geometry kernel. “The fact that you have already developed a sort of integrator is an advantage for us” – says Marco Dell’Eugenio, Tecnos project leading developer. Masterwork provides combination of 2D and 3D CAM functionality as well as multi-axis CNC code generation.

LGS 2D/3D provides an affordable solution for strong variational and constraint-based functionality. Through the scalable architecture of LGS, variational and parametric techniques become available in a wide range of the geometry modeling products in particular in CAM, where there’s a strong need to maintain offset curves, tangency and perpendicularity of tool axis and detail surface, work with inverse kinematics and solve many other non-trivial geometry problems.

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About LEDAS

LEDAS Ltd. is an independent software company founded in 1999; it is based in Novosibirsk Scientific Centre (Akademgorodok), Siberian Branch of the Russian Academy of Science. A leader in constraint-based technologies, LEDAS is a well-known provider of PLM components: geometric constraint solvers for CAD/CAM/CAE, optimization engines for Project Management, Work Scheduling and Meeting Planning as well as interval technologies for Knowledge-Based Engineering and Collaborative Design. The company also provides services for PLM and ERP markets: software development, consulting, reselling as well as education and training. Detailed information about LEDAS is available on the Internet at: www.ledas.com.