

Graebert Announces DWG-Based ARES Mechanical

2D MCAD Solution Based On Graebert's CAD Technology and Dassault Systèmes' Acclaimed Constraints Design Solver

October 9, 2014 – Berlin – Graebert™ GmbH <http://www.graebert.com> – the pioneer in developing high-performance CAD solutions across desktop and mobile devices – today announced ARES Mechanical, a DWG-based 2D Mechanical CAD solution based on the ARES™ Commander engine. ARES Mechanical was created to fulfill the very specific 2D design needs of mechanical engineers seeking high productivity combined with exceptionally intuitive drafting.

ARES Mechanical is also powered by the new Constraint Design Solver (CDS) technology from Spatial Corp. (a Dassault Systèmes company). CDS is a high-performance 2D and 3D constraint-manager for design applications that includes built-in 2D sketching and 3D assembly requirements. This component, industry-tested as part of Dassault® Systèmes (VELIZY-VILLACOUBLAY, France) V5 technology and 3DEXPERIENCE™ platform, will offer ARES Mechanical users powerful features to add 2D geometric and dimensional constraints. This powerful constraints solver is also available for developers using ARES Commander as the engine for their applications.

ARES Mechanical includes a wide range of MCAD-specific features, including:

- Libraries of standards-based, ready-to-use mechanical parts: including bolts and screws, nuts, pins, washers, holes and many others
- Advanced detailing features such as balloons insertion, weld and surface finish symbols and more
- A specific user interface based on interactive and contextual ribbons designed to offer high productivity and to be very easy to learn for most mechanical engineers (especially 3D CAD users who have little experience with DWG-based CAD software such as ARES Commander or AutoCAD®)

"Most mechanical engineers have become accustomed to working with 3D MCAD software such as SOLIDWORKS®, but there is still a compelling need for 2D drawings in MCAD – primarily using the open DWG format. Since the vast majority of these engineers have little experience with 2D CAD, we have created a user interface of tools that is designed to be very quickly and intuitively learned by anyone familiar with SOLIDWORKS," said Wilfried Graebert, CEO and founder of Graebert.

Availability

An Alpha version of ARES Mechanical was demonstrated at the Graebert Annual Meeting, in tandem with a strategic overview of Graebert's plans for supporting the MCAD market. ARES Mechanical is expected to reach Beta in 2015 – please visit www.graebert.com/aresmechanical to candidate as a Beta tester for this software.

About Graebert

Graebert GmbH is a leading developer of custom CAD software, solutions, and services. The company is recognized as a true innovator in the CAD industry and has more than 30 years of technology expertise, project management and consulting experience.

Graebert's CAD systems became the first to support Windows, Mac, Linux (since 2010) and Android (since 2014), and are used by millions of professionals worldwide.

Graebert's product portfolio is anchored by ARES Commander Edition – powerful CAD software with 2D & 3D-modeling capabilities and native DWG support, which is the basis of all Graebert OEM products. Graebert offers a unique collaboration business model for CAD applications developers with custom OEM CAD software and application development services.

The SiteMaster™ line of "as built" software surveying solutions, as well as worldwide surveying services are included under Graebert's iSurvey™ brand. The company is headquartered in Berlin, Germany with additional offices in America, Asia and Europe.

Further details at www.graebert.com

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Editors note: Logos, screenshots and additional data are available from the Graebert PR contact.

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