

December 7, 2015

BETA CAE Systems and Matereality deliver connectivity between their products

BETA CAE Systems S.A. and Matereality, LLC announce their collaborative partnership to allow engineers to import CAE material files from Matereality® into ANSA's material database. This interoperability allows engineers using ANSA pre-processor to take advantage of the benefits offered by the Matereality platform in capturing, storing, handling, and exporting material data for numerous CAE analysis platforms. This tool is an ANSA plug-in, released with v16.1.0, which reads material data from a file exported by Matereality. This plug-in is available to all ANSA users.

"We are happy to cooperate with Matereality for delivering meaningful interoperability between our products. In this manner we empower the users of our software suite to include more efficiently the material properties as a critical parameter in their product development studies," said Sam Saltiel, Chief Communications Officer of BETA CAE Systems. "This collaboration is in line with our core value of enabling engineers to focus on engineering problem solving rather than consuming valuable time for tedious tasks. The Matereality platform offers just that in terms of effective material database handling."

"Materials information must be accessible by engineering teams at many phases of the product lifecycle. Our companies' collaboration serves to streamline engineering workflows across the enterprise by delivering traceable CAE material files from Matereality directly into the ANSA pre-processor." said Hubert Lobo, founder and Chief Technology Officer of Matereality.

About Matereality, LLC:

Matereality® Software for Materials gives manufacturing enterprises the means to build a centralized, secure materials knowledge core to store properties, CAE material files, and material information on any material. The web-based software allows users to work with material data for material database creation, management, data analytics, and CAE material parameter conversion. The company also operates private and public material databases on the cloud for all budgets and company sizes: a Personal Database for the single user, a Workgroup Database for small groups, and enterprise-scale Material Data Servers.

Matereality is an affiliate of DatapointLabs Technical Center for Materials, which provides accurate material testing, material parameter conversion, and model validation services for CAE, allowing companies to populate their databases with high-quality, application-ready data for design and new product development. Together, the companies provide a comprehensive resource to strengthen the materials knowledge core of manufacturing enterprises.

For more information, visit www.matereality.com .

About BETA CAE Systems S.A.

BETA|CAE Systems S.A. is an engineering software company committed to the development of best-in-class software solutions for CAE applications.

The company's products, the ANSA / μETA pre- & post-processing suite, now enhanced with the new implicit FEA solver, Enilysis, and SPDRM, the simulation-process-data-and resources manager, hold a worldwide leading position across a range of industries, including the automotive, railway vehicles, aerospace, motorsports, chemical processes engineering, energy, electronics, heavy machinery, power tools, and biomechanics.

For more information, please visit www.beta-cae.com .

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