

Partner Alliance Adds Matereality Software to Help HyperWorks Users Manage and Use Material Data in PLM

Matereality Workgroup Material DatabasePro is now available for download on APA website

TROY, Mich. – November 21, 2013 – The [Altair Partner Alliance](#) today announced the expansion of its material database offering with new partner, [Matereality, LLC](#). With Matereality's cloud-based software, Workgroup Material DatabasePro, it is possible to build an enterprise quality, fully functional and extensible material database to store all the material data for different projects and collaborate securely across the PLM landscape.

"Product innovation success relies on centralized data and knowledge resources. The ability to easily share centralized data allows for projects to be completed more efficiently," said Hubert Lobo, President and CTO for Matereality. "We are pleased to offer a technology through the Altair Partner Alliance that removes limitations on the ability to use material data, eliminates typical risks associated with unmanaged material data, and helps accelerate the pace of product development."

Workgroup Material DatabasePro creates a central core containing material data in full interactive detail that is always available to group members, whether collocated or dispersed. Within a workgroup, members are able to have complete access control to keep data private or share with those collaborating on a project. They are also able to perform advanced plotting accompanied by analytics to instantly compare and visualize data trends, as well as convert units, zoom, interrogate curves and export data in formats suited for diverse audiences.

"Matereality is a welcome addition to the Altair Partner Alliance and offers a convenient way for individuals, teams, or organizations to keep their material data organized and controlled," said James Brancheau, Chief Technical Officer for Altair. "Altair has long been a customer of Matereality affiliate DatapointLabs, a supplier of testing services that can deliver specific material properties required for computer aided analysis codes, so it is exciting to begin this new chapter and witness the benefits both parties will experience in the future."

Workgroup Material DatabasePro allows materials engineers, CAE experts and materials scientists to contribute their individual expertise to collaborate on a centralized material database for ongoing PLM projects and future use. Material parameters are easily generated for simple elastic, elastic-plastic, rate dependent, visco-elastic and hyperelastic material models for finite element analysis (FEA) and injection-molding simulation parameters. Material models can be quickly and accurately transformed from one CAE software format to another.

Available for the last 12 years, Altair's innovative unit-based licensing system allows [HyperWorks](#) users customizable access to a growing portfolio of applications, optimizing their return on investment (ROI)

by making more than 28 in-house developed applications available by use of a single pool of recyclable HyperWorks units (HWUs).

After experiencing this original licensing model's success, Altair has offered the opportunity for third-party companies to run their own applications under this unit-based system, a collaboration now known as the Altair Partner Alliance. The overall flexibility of these HWUs empowers users via access to the largest, most complete suite of CAE applications available. The ROI increases for users each time a new application is added to the offering, since any of the partner programs can be accessed using the same leased HWUs they are already using to run HyperWorks. This makes more than 55 additional applications available at no incremental cost or long-term commitment.

HyperWorks users can download Workgroup Material DatabasePro at www.altairalliance.com/matereality.

About Matereality, LLC

Matereality, LLC, based in Ithaca, NY USA, operates private and public cloud material databases for use in product design and manufacturing. Empowered by a suite of web-based software that allows users to work with material data for trend visualization, CAE modeling and database building, these databases can store any properties of any materials. Matereality's ready-for-deployment, patented technology provides material databases and solutions for different needs, budgets and company sizes: a Personal Database for one user, a Workgroup Database for small groups, and Material Data Servers for manufacturing enterprises.

Matereality is an affiliate of DatapointLabs, LLC. Together, the companies deliver a comprehensive materials science resource, providing accurate material testing and software for centralized materials knowledge management that helps accelerate the pace of product development. The group has a diverse global user base, including automotive, aerospace, appliance, biomedical, consumer products, electronics, and material supplier verticals.

For more information, visit www.matereality.com, telephone +1-607-257-1784, or send email to info@matereality.com.

About Altair

Altair empowers client innovation and decision-making through technology that optimizes the analysis, management and visualization of business and engineering information. Privately held, with 1,800 employees, Altair has offices throughout North America, South America, Europe and Asia/Pacific. With a 27-year track record for high-end software for engineering and computing, enterprise analytics solutions, and innovative product design and development, Altair consistently delivers a competitive advantage to customers in a broad range of industries. To learn more, please visit www.altair.com or www.simulatetoinnovate.com.

About the Altair Partner Alliance

Altair's HyperWorks platform applies a revolutionary subscription-based licensing model in which customers use floating licenses to access a broad suite of Altair-developed, as well as third-party software applications on demand. The Altair Partner Alliance effectively extends the HyperWorks Platform from 28 internally developed solutions to more than 50 applications with the addition of new partner applications. Customers can invoke these third-party applications at no incremental cost using their existing HyperWorks licenses. Customers benefit from unmatched flexibility and access, resulting in maximum software utilization, productivity and ROI. For more information about the Altair Partner Alliance, visit www.altairalliance.com.

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