



Multiphysics Simulation Software Added to the Altair Partner Alliance

October 4, 2017

CosMate by Chiastek is now available for use by HyperWorks® customers

TROY, Mich. – October 4, 2017 – The [Altair Partner Alliance](#) (APA) is pleased to announce the addition of Chiastek's CosiMate to its software offering. CosiMate supports model-based system engineering, enables simulation based design and allows virtual product development. It is a platform for multiphysics co-simulation with an open architecture approach for inter-connectivity to any simulator. With its flexibility, ease of use, and low cost of ownership, CosiMate is the preferred solution for any size and any scale system-simulation requirement.

"We are happy to welcome Chiastek into the Altair Partner Alliance," said Sridhar Ravikoti, HyperWorks Marketing Director at Altair. "Our customers are increasingly applying Model Based Systems Engineering approaches to designing complex systems and are already utilizing an impressive portfolio of multi-physics solvers and systems modeling tools under the HyperWorks suite. CosiMate as a co-simulation platform provides an additional gateway to connect these tools with its native couplings to any existing heterogeneous simulators and programs."

CosiMate is a platform for engineers performing the modeling and simulation of an overall system made of hydraulics, mechanicals, electronics, or other components. CosiMate is mainly used in the automotive and aerospace industries. These industries are coping with increasing system complexities, which can cause failures during design phases and diversification of system component supplies. System simulation is a suitable method to address new development challenges and lead to a shorter time to market. Without changing the simulation familiarity and learning a new tool, CosiMate's bus-architecture enriches simulation environments through native coupling to any other tool in use by colleagues, partners and suppliers. Engineers of different disciplines are enabled to collaborate and multi-physics co-simulation enriches engineering work.

"We at Chiastek are very pleased to now be a part of the Altair Partner Alliance," said John Carapella, VP Sales North America at Chiastek. "This complimentary relationship provides a positive cooperative mechanism for colleagues to access and experience our platform, CosiMate."

CosiMate supports product development by solving coupling and other co-simulation issues during the design-, test- and analysis-process. Enhanced teamwork between mechanical, electrical and multiphysics engineering and early identification of system errors or risky designs are main topics of support.

An [introductory webinar](#) for Chiastek will be held on October 13 at 10 a.m. ET. For more information about the software, please visit the product page for [CosiMate](#).

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 more than 20 internally developed solutions to upwards of 60 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 <http://www.altairhyperworks.com/apa>.

About Chiastek

Chiastek is a privately-owned company (SMB), headquarter in Toulouse with subsidiaries in Chicago US and Düsseldorf Germany. The company delivers software products addressing Model Based Systems Engineering. Main target is to provide high value added solutions for verification of complex products in the aerospace, automotive and communication industry. With customers around the globe, Chiastek has a proven track record of industrial use cases solving coupling and other co-simulation issues at design-, test- and analysis-process. Big players like Airbus, Boeing, GM, PSA, Toyota and Others are customers using Cosi Mate's unique co-simulation bus-architecture in their daily operation.

About Altair

Altair is focused on the development and broad application of simulation technology to synthesize and optimize designs, processes and decisions for improved business performance. Privately held with more than 2,600 employees, Altair is headquartered in Troy, Michigan, USA and operates more than 68 offices throughout 24 countries. Today, Altair serves more than 5,000 corporate clients across broad industry segments. To learn more, please visit <http://www.altair.com>.

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