

Press release | Root, Switzerland | December 4, 2023

IMACS and BETA CAE Systems sign a distribution agreement for ASERIS-BE

BETA CAE Systems international AG and Ingénierie Mathématique et Calcul Scientifique (IMACS), providers of high-performance engineering simulation solutions to the industry, are delighted to formally announce a strategic partnership for the worldwide distribution of ASERIS-BE solver by BETA.

ASERIS-BE, the major software component of the ASERIS™ suite, was developed by Airbus and IMACS for Computational Electromagnetics, based on the resolution of Boundary Integral Equations (BIE) derived from Maxwell's equations in the frequency domain. It is being used for a wide variety of industrial applications such as antenna design, antenna siting, Electromagnetic Compatibility applications, Lightning Indirect Effects (LIE) and High-Intensity Radiated Fields (HIRF).

After years of distribution and successful implementation of ASERIS-BE in the aerospace and defense industries by IMACS, this solver now reaches a broader spectrum of industrial sectors in more geographic regions through the business and support channel of BETA CAE Systems. With the high quality of interaction between ASERIS-BE and the software suite of BETA, the combined software solution is a high-value offer to the market.

"This collaboration reaffirms our commitment to pushing the boundaries of Computational Electromagnetics by granting access to advanced technologies to a wider audience". Jean Abboud, COO & head of Business Development of IMACS, conveyed his enthusiasm, stating, "We are thrilled to commence this partnership with BETA, and we are eager to witness the positive impact of our joint solution will have on the industry."

"We are very excited about this agreement. The field of Computational Electromagnetics is a rapidly growing field in which we devote sizable effort and resources", said Sam Saltiel, CCO & Head of Customer Service of BETA. "Adding ASERIS to our offerings, and combining our capabilities with those of IMACS, we bring to the market a package of unique quality and performance, which is already highly appreciated. We are looking forward to deploy this soon and reach new frontiers."

About BETA CAE Systems

BETA CAE Systems transformed engineering simulation by introducing revolutionary process automation software tools and practices into Simulation and Analysis, more than 30 years ago. Committed to our mission to enable engineers to deliver results of high value, BETA continues to offer state-of-the-art, high-performance software and best-in-class services to the industry around the world.

For more information about BETA CAE Systems:

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About IMACS

Over the past 20 years, thanks to a sustained investment in R&D, IMACS has developed world-class software in Electromagnetism, Acoustics, Statistics and Artificial Intelligence. These techniques and expertise have been successfully deployed in several sectors and fields of application. IMACS also partnered with R&D centers of leading industrial stakeholders such as Airbus, Ariane Group, EDF, Safran, Stellantis and Thales to develop and maintain high-performance sensitive industrial software.

For more information about IMACS:

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