

General Motors of Brazil purchases EnSight to better understand, communicate simulation results

*APEX, N.C., April 10, 2006* – General Motors of Brazil (GMB) has purchased three licenses of CEI’s EnSight to visualize, analyze and communicate simulation results from the company’s Vehicle Synthesis, Analysis and Simulation (VSAS) division. The sale was made by Engineering Simulation and Scientific Software (ESSS), CEI’s South American distributor and Brazil’s leading supplier of computational fluid dynamics (CFD) and finite element analysis (FEA) solutions.

“EnSight gives us good tools to support problem analysis and generate animations that improve communication within our engineering community,” says Roberto P. Ramos, VSAS manager at General Motors of Brazil. “The high-quality animations that we can create in EnSight and the ability to compare different case scenarios is integral to our work.”

GMB VSAS uses EnSight to visualize simulation results for a wide variety of analyses, including structural, aero/thermal, NVH, durability, vehicle dynamics, safety, and electrical/electronics. EnSight provides readers that enable GMB VSAS to easily import results from its Fluent, Abaqus and LS-Dyna solvers.

Ramos considers EnLiten, CEI’s free geometry viewer, “very important” to VSAS’s work. EnLiten is a collaborative visualization tool that enables EnSight users to save their work in a scenario file that includes the actual EnLiten application. The file is sent via e-mail or posted on a web site for downloading by associates, who use EnLiten’s simple graphics interface to manipulate 3D models and view animations from different perspectives.

“EnLiten helps analysts better understand simulation results and explain them visually to other decision-makers at the beginning of the development phase,” says Ramos.

### **About CEI**

CEI ([www.ensight.com](http://www.ensight.com)) offers the industry’s most complete suite of tools for engineering and scientific simulation, including meshing, plotting, animation and data visualization. The company’s software can be run on every type of computer, from laptops to the most advanced VR displays, and interfaces seamlessly to all popular CAE software and most scientific research codes. CEI has corporate headquarters in Apex, N.C., and authorized distributors around the world.

### **About ESSS**

Engineering Simulation and Scientific Software (ESSS) has nearly a decade of experience providing engineering (FEA and CFD) and visualization solutions for automotive, aerospace, oil and gas, and other industries. The company is a leading distributor of ANSYS and CEI software. In addition to General Motors, major ESSS customers include Petrobras, Embraer, Embraco (Whirlpool), Electrolux and many others.

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