The latest edition of ESI's multi-domain simulation platform delivers key improvements for CFD users

Visual-Environment 10.0 now offers a dedicated user environment for open source code OpenFOAM®

Paris, France – December 15, 2014 – ESI Group, pioneer and world-leading solution provider in Virtual Prototyping for manufacturing industries, announces the new version of Visual-Environment 10.0. Designed to support the most demanding CAE requirements, Visual-Environment is a comprehensive simulation platform enabling faster decision-making across multiple domains. The latest version Visual-Environment 10.0 enables the swift integration of calculations using open source CFD software OpenFOAM®.

Visual-Environment 10.0 provides a very intuitive interface for all CFD engineers. It allows them to accelerate the preparation of most common CFD calculations, including airflow for external aerodynamics, internal airflow for underhood and climate control, and investigation of flow around rotating bodies. More specifically, this new version of Visual-Environment provides users of the well-known open source CFD modules of OpenFOAM® with the first compatible industrial grade platform: enabling seamless CAD import, easy model set-up, pre- and post-processing, macro-capabilities and customization.

Visual-Environment 10.0 enables design engineers to get quick answers for various design options, on a daily basis. Once a CFD expert has defined an analysis process, fellow design engineers can benefit from automated meshing, set-up and processing, enabling them to obtain CFD models in a third of the time, with no supervision and with minimum training.

With this latest release, Visual-Environment 10.0 platform now supports additional formats generated by third-party CAD tools: ACIS, Solid Edge, Inventor and SolidWorks. Visual-Environment users can now import files from these third party software, without the need for time-consuming conversions.

In this latest version, special attention has been paid to calculation speed and robustness, to deliver on an industrial scale. "*AMD and ESI have tested and certified the use of Visual-Environment 10.0 with its latest professional graphics card",* explains **Antoine Reymond**, Strategic Alliances Manager at AMD. *"AMD FirePro™ graphics are tested against a battery of simulations and real-world scenarios using rigorous certification processes to ensure their readiness for demanding professional use."* He continues: *"Working hand-in-hand with ESI, AMD is able to provide Visual-Environment 10.0 users with a certified driver, delivering robust and feature-rich graphical support to manage Virtual Prototypes and large-scale engineering simulation models, as required for every day Finite Element analysis and for Computational Fluid Dynamics."*

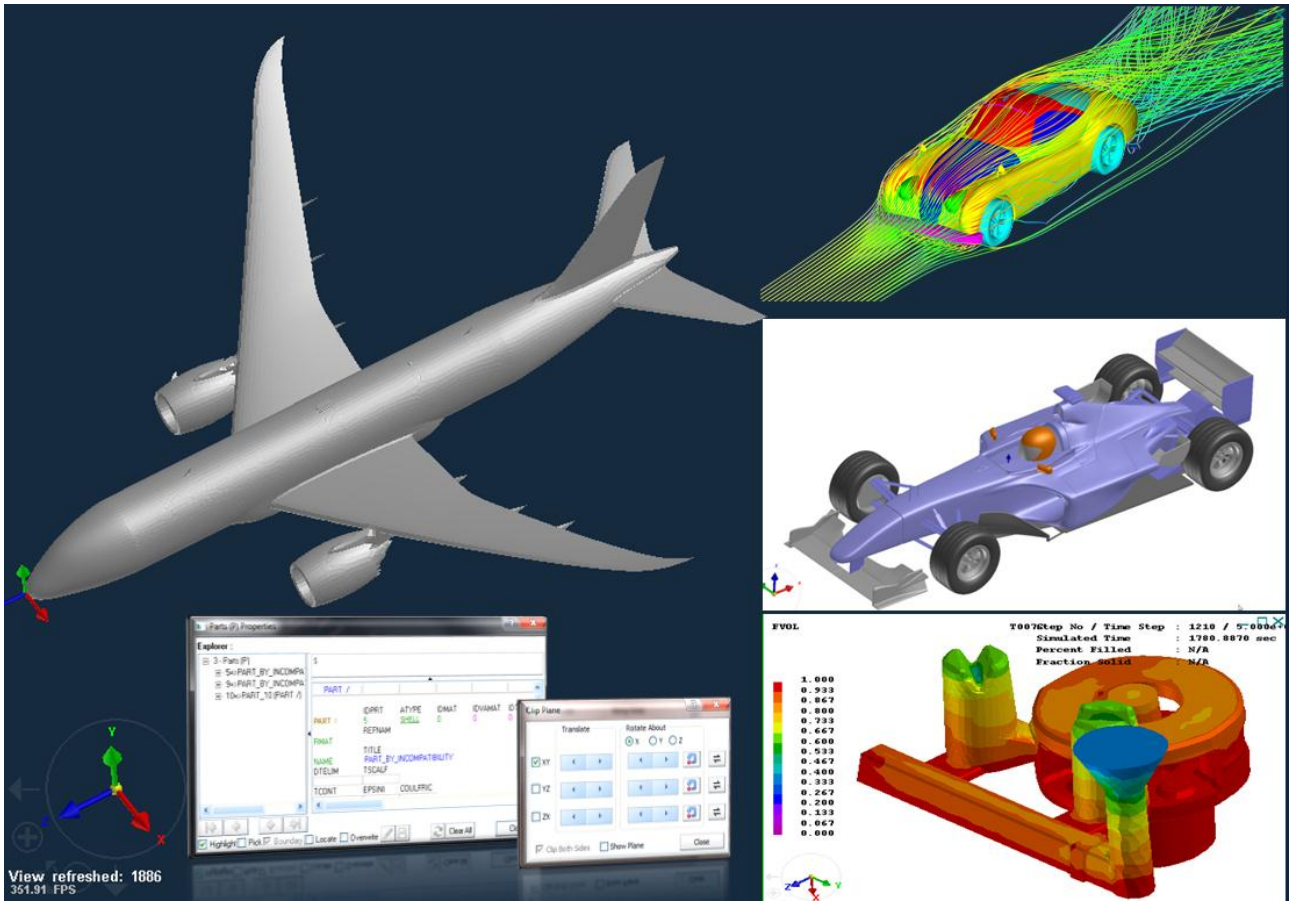

Image: Visual-Environment 10.0 is an open simulation platform that enables the management of Virtual Prototyping processes efficiently in a single environment.

For more information on Visual-Environment 10.0, please visit www.esi-group.com/Visual-Environment

For more ESI news, visit: www.esi-group.com/press

ESI Group – Media Relations
Céline Gallerne
+33 1 41 73 58 46

For additional information, please feel free to contact our international communications team:

North America
Natasha Petrous
+1 248 3818 661

Germany, Austria, Switzerland
Alexandra Lawrenz
+49 6102 2067 183

South America
Daniela Galoflo
+55 11 3031 6221

United Kingdom
Hannah Amiss
+44 1543 397 905

Italy
Maddalena Marinucci
+39 051 633 5577

Japan
Nozomi Suzuki
+81 363818486

France
Gaëlle Lecomte

Spain
Monica Arroyo Prieto

South Korea
Gyeong Hee Lee

+33 4 7814 1210

+34 914840256

+822 3660 4507

Eastern Europe
Lucie Sebestova
+420 511188875

Russia
Natalia Nesvetova
+7 343 311 0233

China
Jin Bai
+86 18618146267

About ESI Group

ESI is a world-leading provider of Virtual Prototyping software and services with a strong foundation in the physics of materials and Virtual Manufacturing.

Founded over 40 years ago, ESI has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtually replicating the fabrication, assembly and testing of products in different environments. Virtual Prototyping enables ESI's clients to evaluate the performance of their product and the consequences of its manufacturing history, under normal or accidental conditions. By benefiting from this information early in the process, enterprises know whether a product can be built, and whether it will meet its performance and certification objectives, before any physical prototype is built. To enable customer innovation, ESI's solutions integrate the latest technologies in high performance computing and immersive Virtual Reality, allowing companies to bring products to life before they even exist.

Today, ESI's customer base spans nearly every industry sector. The company employs about 1000 high-level specialists worldwide to address the needs of customers in more than 40 countries. For further information, visit www.esi-group.com.

Connect with ESI on